



**AAFCO**  
Association of American Feed Control Officials



**Animal Feed Scheme**

**Goat Feed, Medicated**

**Test Material Code # 202324**

**# Labs Reporting: 169**

**# Analytes Reported 116**

**Issue Date : 05/31/2023**

**Analyte Proficiency Testing Report**

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests |                  |             |      |
| 000          | Urea (%)              | 0278     | 0.8500   | 0.1000 |                |           |           | 1       |                  | 000.02      | 0    |
| 001          | Loss on Drying (%)    | 0186     | 5.877    | 0.0564 | 8.304          | 0.3039    | 0.1038    | 69      | -7.99            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 2319     | 6.750    | 0.1000 | 8.304          | 0.3039    | 0.1038    | 69      | -5.11            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0914     | 6.810    | 0.1200 | 8.304          | 0.3039    | 0.1038    | 69      | -4.92            | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 0618     | 6.895    | 0.0300 | 8.304          | 0.3039    | 0.1038    | 69      | -4.64            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 2155     | 7.035    | 0.4900 | 8.304          | 0.3039    | 0.1038    | 69      | -4.18            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0853     | 7.200    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | -3.63            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0889     | 7.575    | 0.3300 | 8.304          | 0.3039    | 0.1038    | 69      | -2.40            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0019     | 7.770    | 0.1000 | 8.304          | 0.3039    | 0.1038    | 69      | -1.76            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0366     | 7.800    | 0.6000 | 8.304          | 0.3039    | 0.1038    | 69      | -1.66            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0038     | 7.955    | 0.0900 | 8.304          | 0.3039    | 0.1038    | 69      | -1.15            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2190     | 7.990    | 0.1200 | 8.304          | 0.3039    | 0.1038    | 69      | -1.03            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0010     | 8.000    | 0.2000 | 8.304          | 0.3039    | 0.1038    | 69      | -1.00            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0027     | 8.027    | 0.1140 | 8.304          | 0.3039    | 0.1038    | 69      | -0.91            | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 2246     | 8.070    | 0.0600 | 8.304          | 0.3039    | 0.1038    | 69      | -0.77            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0675     | 8.080    | 0.0200 | 8.304          | 0.3039    | 0.1038    | 69      | -0.74            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0676     | 8.090    | 0.1200 | 8.304          | 0.3039    | 0.1038    | 69      | -0.70            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0610     | 8.115    | 0.0300 | 8.304          | 0.3039    | 0.1038    | 69      | -0.62            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0650     | 8.125    | 0.1300 | 8.304          | 0.3039    | 0.1038    | 69      | -0.59            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2144     | 8.130    | 0.0400 | 8.304          | 0.3039    | 0.1038    | 69      | -0.57            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0407     | 8.173    | 0.2018 | 8.304          | 0.3039    | 0.1038    | 69      | -0.43            | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 0643     | 8.195    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | -0.36            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2009     | 8.212    | 0.0016 | 8.304          | 0.3039    | 0.1038    | 69      | -0.30            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0148     | 8.225    | 0.2900 | 8.304          | 0.3039    | 0.1038    | 69      | -0.26            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0948     | 8.225    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | -0.26            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 2345     | 8.240    | 0.0600 | 8.304          | 0.3039    | 0.1038    | 69      | -0.21            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0034     | 8.255    | 0.0700 | 8.304          | 0.3039    | 0.1038    | 69      | -0.16            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0353     | 8.255    | 0.0300 | 8.304          | 0.3039    | 0.1038    | 69      | -0.16            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0644     | 8.256    | 0.0110 | 8.304          | 0.3039    | 0.1038    | 69      | -0.16            | 001.05      | 0    |
| 001          | Loss on Drying (%)    | 0619     | 8.260    | 0.1800 | 8.304          | 0.3039    | 0.1038    | 69      | -0.14            | 001.03      | 0    |
| 001          | Loss on Drying (%)    | 0504     | 8.265    | 0.2700 | 8.304          | 0.3039    | 0.1038    | 69      | -0.13            | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 0089     | 8.265    | 0.0500 | 8.304          | 0.3039    | 0.1038    | 69      | -0.13            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0510     | 8.300    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | -0.01            | 001.99      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 001          | Loss on Drying (%)    | 0035     | 8.305    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.00     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0066     | 8.315    | 0.0700 | 8.304          | 0.3039    | 0.1038    | 69      | 0.04     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0536     | 8.325    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.07     | 001.99 | 0    |
| 001          | Loss on Drying (%)    | 2059     | 8.330    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.09     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 2195     | 8.330    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.09     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 2259     | 8.334    | 0.0250 | 8.304          | 0.3039    | 0.1038    | 69      | 0.10     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 2442     | 8.345    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.14     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0682     | 8.360    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.18     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0049     | 8.380    | 0.2400 | 8.304          | 0.3039    | 0.1038    | 69      | 0.25     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0083     | 8.385    | 0.0300 | 8.304          | 0.3039    | 0.1038    | 69      | 0.27     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0590     | 8.385    | 0.1900 | 8.304          | 0.3039    | 0.1038    | 69      | 0.27     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 2192     | 8.385    | 0.0300 | 8.304          | 0.3039    | 0.1038    | 69      | 0.27     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0037     | 8.385    | 0.0500 | 8.304          | 0.3039    | 0.1038    | 69      | 0.27     | 001.99 | 0    |
| 001          | Loss on Drying (%)    | 0226     | 8.385    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.27     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0689     | 8.400    | 0.2000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.32     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0910     | 8.400    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.32     | 001.99 | 0    |
| 001          | Loss on Drying (%)    | 2445     | 8.425    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.40     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0033     | 8.465    | 0.1700 | 8.304          | 0.3039    | 0.1038    | 69      | 0.53     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0505     | 8.485    | 0.2300 | 8.304          | 0.3039    | 0.1038    | 69      | 0.60     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0571     | 8.515    | 0.0700 | 8.304          | 0.3039    | 0.1038    | 69      | 0.69     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0003     | 8.525    | 0.1700 | 8.304          | 0.3039    | 0.1038    | 69      | 0.73     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0872     | 8.535    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.76     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0278     | 8.545    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 0.79     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0171     | 8.550    | 0.0000 | 8.304          | 0.3039    | 0.1038    | 69      | 0.81     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0512     | 8.552    | 0.1400 | 8.304          | 0.3039    | 0.1038    | 69      | 0.82     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0098     | 8.570    | 0.2400 | 8.304          | 0.3039    | 0.1038    | 69      | 0.88     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0169     | 8.590    | 0.0200 | 8.304          | 0.3039    | 0.1038    | 69      | 0.94     | 001.00 | 0    |
| 001          | Loss on Drying (%)    | 0921     | 8.619    | 0.0030 | 8.304          | 0.3039    | 0.1038    | 69      | 1.04     | 001.08 | 0    |
| 001          | Loss on Drying (%)    | 0876     | 8.655    | 0.0100 | 8.304          | 0.3039    | 0.1038    | 69      | 1.16     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0028     | 8.665    | 0.0700 | 8.304          | 0.3039    | 0.1038    | 69      | 1.19     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0357     | 8.710    | 0.0164 | 8.304          | 0.3039    | 0.1038    | 69      | 1.34     | 001.99 | 0    |
| 001          | Loss on Drying (%)    | 0407     | 8.711    | 0.0584 | 8.304          | 0.3039    | 0.1038    | 69      | 1.34     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 2268     | 8.725    | 0.2300 | 8.304          | 0.3039    | 0.1038    | 69      | 1.39     | 001.99 | 0    |
| 001          | Loss on Drying (%)    | 0843     | 8.865    | 0.5900 | 8.304          | 0.3039    | 0.1038    | 69      | 1.85     | 001.03 | 0    |
| 001          | Loss on Drying (%)    | 0843     | 8.865    | 0.5900 | 8.304          | 0.3039    | 0.1038    | 69      | 1.85     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0045     | 9.165    | 0.0700 | 8.304          | 0.3039    | 0.1038    | 69      | 2.83     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0693     | 9.225    | 0.4700 | 8.304          | 0.3039    | 0.1038    | 69      | 3.03     | 001.07 | 0    |
| 001          | Loss on Drying (%)    | 0560     | 8.315    | 0.7900 | 8.304          | 0.3039    | 0.1038    | 69      | 0.04     | 001.99 | 1    |
| 002          | Protein, Crude (%)    | 0618     | 15.46    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -3.57    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2089     | 15.68    | 0.0600 | 16.52          | 0.2997    | 0.1576    | 163     | -2.82    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0042     | 15.75    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -2.59    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0646     | 15.82    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -2.35    | 002.06 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 002          | Protein, Crude (%)    | 0529     | 15.83    | 0.7000 | 16.52          | 0.2997    | 0.1576    | 163     | -2.32    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2199     | 15.85    | 0.5000 | 16.52          | 0.2997    | 0.1576    | 163     | -2.25    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0510     | 15.95    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.92    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0622     | 15.96    | 0.0104 | 16.52          | 0.2997    | 0.1576    | 163     | -1.88    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0676     | 15.97    | 0.0600 | 16.52          | 0.2997    | 0.1576    | 163     | -1.85    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2442     | 15.99    | 0.0300 | 16.52          | 0.2997    | 0.1576    | 163     | -1.80    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0038     | 16.01    | 0.1300 | 16.52          | 0.2997    | 0.1576    | 163     | -1.73    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0910     | 16.05    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.58    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0884     | 16.10    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.42    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2389     | 16.10    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.42    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2450     | 16.11    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.38    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0089     | 16.12    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -1.37    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2434     | 16.12    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.35    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2443     | 16.13    | 0.0340 | 16.52          | 0.2997    | 0.1576    | 163     | -1.31    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2192     | 16.14    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -1.30    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2181     | 16.14    | 0.1600 | 16.52          | 0.2997    | 0.1576    | 163     | -1.28    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0539     | 16.14    | 0.1400 | 16.52          | 0.2997    | 0.1576    | 163     | -1.28    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0921     | 16.15    | 0.3500 | 16.52          | 0.2997    | 0.1576    | 163     | -1.27    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0300     | 16.15    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -1.25    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0651     | 16.15    | 0.2379 | 16.52          | 0.2997    | 0.1576    | 163     | -1.24    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2246     | 16.20    | 0.2300 | 16.52          | 0.2997    | 0.1576    | 163     | -1.10    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2188     | 16.21    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -1.05    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0036     | 16.21    | 0.1110 | 16.52          | 0.2997    | 0.1576    | 163     | -1.04    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0693     | 16.23    | 0.0370 | 16.52          | 0.2997    | 0.1576    | 163     | -0.98    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0964     | 16.25    | 0.4390 | 16.52          | 0.2997    | 0.1576    | 163     | -0.93    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0939     | 16.28    | 0.2300 | 16.52          | 0.2997    | 0.1576    | 163     | -0.83    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2006     | 16.28    | 0.6100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.83    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0723     | 16.29    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.80    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2337     | 16.30    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.77    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0619     | 16.30    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.75    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2319     | 16.30    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.75    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0504     | 16.31    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.72    | 002.04 | 0    |
| 002          | Protein, Crude (%)    | 2322     | 16.33    | 0.0500 | 16.52          | 0.2997    | 0.1576    | 163     | -0.67    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0939     | 16.33    | 0.0600 | 16.52          | 0.2997    | 0.1576    | 163     | -0.65    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0643     | 16.34    | 0.0070 | 16.52          | 0.2997    | 0.1576    | 163     | -0.62    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2022     | 16.35    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.60    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0689     | 16.35    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.58    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0123     | 16.35    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.58    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0366     | 16.35    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.58    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2340     | 16.35    | 0.0060 | 16.52          | 0.2997    | 0.1576    | 163     | -0.57    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0354     | 16.36    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.55    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2196     | 16.37    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.52    | 002.01 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 002          | Protein, Crude (%)    | 0100     | 16.38    | 0.1100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.50    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2129     | 16.38    | 0.2790 | 16.52          | 0.2997    | 0.1576    | 163     | -0.50    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2259     | 16.38    | 0.1570 | 16.52          | 0.2997    | 0.1576    | 163     | -0.49    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0968     | 16.38    | 0.1400 | 16.52          | 0.2997    | 0.1576    | 163     | -0.48    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2195     | 16.38    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.48    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0144     | 16.38    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.48    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2445     | 16.39    | 0.1100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.47    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0504     | 16.40    | 0.0700 | 16.52          | 0.2997    | 0.1576    | 163     | -0.43    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0010     | 16.40    | 0.4000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.42    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0066     | 16.41    | 0.0500 | 16.52          | 0.2997    | 0.1576    | 163     | -0.40    | 002.02 | 0    |
| 002          | Protein, Crude (%)    | 0914     | 16.41    | 0.1600 | 16.52          | 0.2997    | 0.1576    | 163     | -0.38    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0571     | 16.42    | 0.2300 | 16.52          | 0.2997    | 0.1576    | 163     | -0.37    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0098     | 16.42    | 0.1100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.37    | 002.08 | 0    |
| 002          | Protein, Crude (%)    | 2150     | 16.44    | 0.1300 | 16.52          | 0.2997    | 0.1576    | 163     | -0.30    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2059     | 16.45    | 0.0594 | 16.52          | 0.2997    | 0.1576    | 163     | -0.27    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0910     | 16.45    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.25    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0049     | 16.45    | 0.3000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.25    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0353     | 16.46    | 0.0300 | 16.52          | 0.2997    | 0.1576    | 163     | -0.23    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0941     | 16.46    | 0.1300 | 16.52          | 0.2997    | 0.1576    | 163     | -0.23    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0870     | 16.47    | 0.3340 | 16.52          | 0.2997    | 0.1576    | 163     | -0.20    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2009     | 16.47    | 0.0431 | 16.52          | 0.2997    | 0.1576    | 163     | -0.20    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0644     | 16.48    | 0.1370 | 16.52          | 0.2997    | 0.1576    | 163     | -0.15    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0889     | 16.48    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.15    | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 2146     | 16.48    | 0.3600 | 16.52          | 0.2997    | 0.1576    | 163     | -0.15    | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0675     | 16.49    | 0.0800 | 16.52          | 0.2997    | 0.1576    | 163     | -0.12    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0047     | 16.50    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0202     | 16.50    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0357     | 16.50    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0610     | 16.50    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0848     | 16.50    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0872     | 16.50    | 0.0160 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2168     | 16.50    | 0.0800 | 16.52          | 0.2997    | 0.1576    | 163     | -0.08    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0511     | 16.51    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | -0.07    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0226     | 16.51    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | -0.05    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0358     | 16.51    | 0.2800 | 16.52          | 0.2997    | 0.1576    | 163     | -0.05    | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0589     | 16.53    | 0.5100 | 16.52          | 0.2997    | 0.1576    | 163     | 0.00     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0859     | 16.53    | 0.0650 | 16.52          | 0.2997    | 0.1576    | 163     | 0.01     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0948     | 16.54    | 0.0900 | 16.52          | 0.2997    | 0.1576    | 163     | 0.03     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0278     | 16.55    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.08     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0294     | 16.55    | 0.1800 | 16.52          | 0.2997    | 0.1576    | 163     | 0.08     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2325     | 16.56    | 0.0100 | 16.52          | 0.2997    | 0.1576    | 163     | 0.10     | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0948     | 16.56    | 0.0700 | 16.52          | 0.2997    | 0.1576    | 163     | 0.10     | 002.05 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 002          | Protein, Crude (%)    | 0035     | 16.56    | 0.2500 | 16.52          | 0.2997    | 0.1576    | 163     | 0.10     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0870     | 16.57    | 0.0500 | 16.52          | 0.2997    | 0.1576    | 163     | 0.15     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0546     | 16.58    | 0.2310 | 16.52          | 0.2997    | 0.1576    | 163     | 0.19     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2174     | 16.59    | 0.4900 | 16.52          | 0.2997    | 0.1576    | 163     | 0.20     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0009     | 16.59    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 0.22     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0164     | 16.60    | 0.3100 | 16.52          | 0.2997    | 0.1576    | 163     | 0.23     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2184     | 16.60    | 0.2700 | 16.52          | 0.2997    | 0.1576    | 163     | 0.23     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2097     | 16.60    | 0.2186 | 16.52          | 0.2997    | 0.1576    | 163     | 0.25     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0610     | 16.60    | 0.4000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.25     | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0956     | 16.60    | 0.4000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.25     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2349     | 16.60    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.25     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0508     | 16.60    | 0.4570 | 16.52          | 0.2997    | 0.1576    | 163     | 0.26     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0148     | 16.61    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.28     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2076     | 16.61    | 0.5860 | 16.52          | 0.2997    | 0.1576    | 163     | 0.29     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0004     | 16.62    | 0.5700 | 16.52          | 0.2997    | 0.1576    | 163     | 0.30     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2246     | 16.62    | 0.2300 | 16.52          | 0.2997    | 0.1576    | 163     | 0.30     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0263     | 16.62    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 0.32     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0536     | 16.64    | 0.0300 | 16.52          | 0.2997    | 0.1576    | 163     | 0.37     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0953     | 16.64    | 0.3600 | 16.52          | 0.2997    | 0.1576    | 163     | 0.38     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0687     | 16.66    | 0.3100 | 16.52          | 0.2997    | 0.1576    | 163     | 0.43     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0674     | 16.67    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.48     | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0726     | 16.67    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 0.48     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0505     | 16.68    | 0.8300 | 16.52          | 0.2997    | 0.1576    | 163     | 0.50     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 1019     | 16.68    | 0.1500 | 16.52          | 0.2997    | 0.1576    | 163     | 0.50     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2442     | 16.68    | 0.1200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.52     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0169     | 16.69    | 0.1900 | 16.52          | 0.2997    | 0.1576    | 163     | 0.53     | 002.00 | 0    |
| 002          | Protein, Crude (%)    | 2392     | 16.69    | 0.0430 | 16.52          | 0.2997    | 0.1576    | 163     | 0.54     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0598     | 16.69    | 0.1000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.55     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0843     | 16.69    | 0.1800 | 16.52          | 0.2997    | 0.1576    | 163     | 0.55     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0512     | 16.70    | 0.3200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0590     | 16.70    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2200     | 16.70    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0003     | 16.70    | 0.1600 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0045     | 16.70    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0853     | 16.70    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.58     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2392     | 16.71    | 0.1500 | 16.52          | 0.2997    | 0.1576    | 163     | 0.60     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2375     | 16.71    | 0.1900 | 16.52          | 0.2997    | 0.1576    | 163     | 0.60     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0650     | 16.71    | 0.3000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.62     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0968     | 16.71    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.62     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0027     | 16.71    | 0.0910 | 16.52          | 0.2997    | 0.1576    | 163     | 0.63     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0541     | 16.75    | 0.8200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.75     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2453     | 16.76    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 0.78     | 002.05 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 002          | Protein, Crude (%)    | 0171     | 16.77    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | 0.82     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0682     | 16.79    | 0.0000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.88     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0407     | 16.80    | 0.0740 | 16.52          | 0.2997    | 0.1576    | 163     | 0.90     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0018     | 16.80    | 0.0800 | 16.52          | 0.2997    | 0.1576    | 163     | 0.92     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0098     | 16.80    | 0.4000 | 16.52          | 0.2997    | 0.1576    | 163     | 0.92     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0037     | 16.82    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 0.98     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2302     | 16.83    | 0.1500 | 16.52          | 0.2997    | 0.1576    | 163     | 1.00     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2190     | 16.83    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | 1.02     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 2057     | 16.84    | 0.0360 | 16.52          | 0.2997    | 0.1576    | 163     | 1.05     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0229     | 16.85    | 0.1700 | 16.52          | 0.2997    | 0.1576    | 163     | 1.07     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2213     | 16.85    | 0.3100 | 16.52          | 0.2997    | 0.1576    | 163     | 1.07     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2193     | 16.86    | 0.0900 | 16.52          | 0.2997    | 0.1576    | 163     | 1.10     | 002.01 | 0    |
| 002          | Protein, Crude (%)    | 0190     | 16.86    | 0.1700 | 16.52          | 0.2997    | 0.1576    | 163     | 1.10     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0019     | 16.86    | 0.5000 | 16.52          | 0.2997    | 0.1576    | 163     | 1.12     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2181     | 16.86    | 0.2200 | 16.52          | 0.2997    | 0.1576    | 163     | 1.12     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0354     | 16.87    | 0.0200 | 16.52          | 0.2997    | 0.1576    | 163     | 1.15     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2303     | 16.89    | 0.1800 | 16.52          | 0.2997    | 0.1576    | 163     | 1.22     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0001     | 16.90    | 0.2100 | 16.52          | 0.2997    | 0.1576    | 163     | 1.23     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0574     | 16.91    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 1.28     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0108     | 16.97    | 0.3700 | 16.52          | 0.2997    | 0.1576    | 163     | 1.47     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0723     | 17.00    | 0.0700 | 16.52          | 0.2997    | 0.1576    | 163     | 1.57     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0692     | 17.00    | 0.2000 | 16.52          | 0.2997    | 0.1576    | 163     | 1.59     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0083     | 17.04    | 0.1200 | 16.52          | 0.2997    | 0.1576    | 163     | 1.72     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0425     | 17.06    | 0.1200 | 16.52          | 0.2997    | 0.1576    | 163     | 1.79     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2345     | 17.13    | 0.4400 | 16.52          | 0.2997    | 0.1576    | 163     | 2.02     | 002.00 | 0    |
| 002          | Protein, Crude (%)    | 2359     | 17.15    | 0.3000 | 16.52          | 0.2997    | 0.1576    | 163     | 2.09     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0034     | 17.18    | 0.2200 | 16.52          | 0.2997    | 0.1576    | 163     | 2.19     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2268     | 17.33    | 0.3700 | 16.52          | 0.2997    | 0.1576    | 163     | 2.67     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2363     | 17.35    | 0.3000 | 16.52          | 0.2997    | 0.1576    | 163     | 2.75     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0011     | 17.43    | 0.0400 | 16.52          | 0.2997    | 0.1576    | 163     | 3.02     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 2144     | 17.48    | 0.1600 | 16.52          | 0.2997    | 0.1576    | 163     | 3.19     | 002.05 | 0    |
| 002          | Protein, Crude (%)    | 0186     | 17.56    | 0.5700 | 16.52          | 0.2997    | 0.1576    | 163     | 3.44     | 002.06 | 0    |
| 002          | Protein, Crude (%)    | 0889     | 17.57    | 0.1600 | 16.52          | 0.2997    | 0.1576    | 163     | 3.49     | 002.11 | 0    |
| 002          | Protein, Crude (%)    | 0242     | 16.46    | 0.8800 | 16.52          | 0.2997    | 0.1576    | 163     | -0.22    | 002.06 | 1    |
| 002          | Protein, Crude (%)    | 2155     | 17.19    | 1.314  | 16.52          | 0.2997    | 0.1576    | 163     | 2.23     | 002.06 | 1    |
| 003          | Fat, Crude (%)        | 0226     | 2.355    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | -3.90    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0853     | 2.400    | 0.2000 | 3.309          | 0.2445    | 0.0878    | 129     | -3.72    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2359     | 2.450    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | -3.51    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0651     | 2.665    | 0.0562 | 3.309          | 0.2445    | 0.0878    | 129     | -2.64    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2375     | 2.680    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | -2.57    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0045     | 2.890    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -1.72    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0229     | 2.935    | 0.1500 | 3.309          | 0.2445    | 0.0878    | 129     | -1.53    | 003.06 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 003          | Fat, Crude (%)        | 0019     | 2.940    | 0.0600 | 3.309          | 0.2445    | 0.0878    | 129     | -1.51    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0169     | 2.945    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | -1.49    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0675     | 2.995    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | -1.29    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2022     | 3.005    | 0.0900 | 3.309          | 0.2445    | 0.0878    | 129     | -1.24    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0089     | 3.005    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -1.24    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2195     | 3.035    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -1.12    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2009     | 3.041    | 0.0165 | 3.309          | 0.2445    | 0.0878    | 129     | -1.10    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0693     | 3.047    | 0.1120 | 3.309          | 0.2445    | 0.0878    | 129     | -1.07    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0674     | 3.050    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -1.06    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0229     | 3.055    | 0.4500 | 3.309          | 0.2445    | 0.0878    | 129     | -1.04    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2302     | 3.060    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -1.02    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0504     | 3.070    | 0.1400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.98    | 003.01 | 0    |
| 003          | Fat, Crude (%)        | 0511     | 3.070    | 0.2000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.98    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0407     | 3.071    | 0.3298 | 3.309          | 0.2445    | 0.0878    | 129     | -0.97    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2184     | 3.075    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | -0.96    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2246     | 3.085    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.92    | 003.13 | 0    |
| 003          | Fat, Crude (%)        | 0037     | 3.085    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.92    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0100     | 3.100    | 0.2000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.86    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2434     | 3.100    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.86    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0956     | 3.100    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.86    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0263     | 3.101    | 0.0110 | 3.309          | 0.2445    | 0.0878    | 129     | -0.85    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2188     | 3.115    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.79    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0123     | 3.125    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | -0.75    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0144     | 3.125    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | -0.75    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0968     | 3.145    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | -0.67    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0098     | 3.145    | 0.1100 | 3.309          | 0.2445    | 0.0878    | 129     | -0.67    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0689     | 3.150    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.65    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0619     | 3.160    | 0.0600 | 3.309          | 0.2445    | 0.0878    | 129     | -0.61    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2155     | 3.188    | 0.0060 | 3.309          | 0.2445    | 0.0878    | 129     | -0.50    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0622     | 3.189    | 0.0269 | 3.309          | 0.2445    | 0.0878    | 129     | -0.49    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2340     | 3.191    | 0.0830 | 3.309          | 0.2445    | 0.0878    | 129     | -0.49    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0036     | 3.197    | 0.1897 | 3.309          | 0.2445    | 0.0878    | 129     | -0.46    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2392     | 3.200    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.45    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0108     | 3.200    | 0.1600 | 3.309          | 0.2445    | 0.0878    | 129     | -0.45    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0148     | 3.205    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | -0.43    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2196     | 3.210    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.41    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0242     | 3.220    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.37    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0033     | 3.225    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.34    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0034     | 3.225    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.34    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0425     | 3.230    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.32    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0948     | 3.230    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.32    | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 2057     | 3.232    | 0.0428 | 3.309          | 0.2445    | 0.0878    | 129     | -0.32    | 003.14 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 003          | Fat, Crude (%)        | 2192     | 3.240    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.28    | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0066     | 3.240    | 0.0800 | 3.309          | 0.2445    | 0.0878    | 129     | -0.28    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0358     | 3.240    | 0.0600 | 3.309          | 0.2445    | 0.0878    | 129     | -0.28    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0541     | 3.250    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.24    | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0574     | 3.250    | 0.0800 | 3.309          | 0.2445    | 0.0878    | 129     | -0.24    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0968     | 3.250    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.24    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0202     | 3.255    | 0.0700 | 3.309          | 0.2445    | 0.0878    | 129     | -0.22    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2006     | 3.260    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.20    | 003.13 | 0    |
| 003          | Fat, Crude (%)        | 0723     | 3.260    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | -0.20    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0505     | 3.270    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | -0.16    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0083     | 3.270    | 0.0800 | 3.309          | 0.2445    | 0.0878    | 129     | -0.16    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2453     | 3.272    | 0.0220 | 3.309          | 0.2445    | 0.0878    | 129     | -0.15    | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0035     | 3.280    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | -0.12    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0171     | 3.280    | 0.0800 | 3.309          | 0.2445    | 0.0878    | 129     | -0.12    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2190     | 3.285    | 0.1300 | 3.309          | 0.2445    | 0.0878    | 129     | -0.10    | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 2181     | 3.285    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | -0.10    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 2445     | 3.290    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.08    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0529     | 3.295    | 0.2500 | 3.309          | 0.2445    | 0.0878    | 129     | -0.06    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0689     | 3.300    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.04    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0884     | 3.300    | 0.2000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.04    | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 2129     | 3.300    | 0.1860 | 3.309          | 0.2445    | 0.0878    | 129     | -0.04    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0546     | 3.305    | 0.1100 | 3.309          | 0.2445    | 0.0878    | 129     | -0.02    | 003.99 | 0    |
| 003          | Fat, Crude (%)        | 0001     | 3.307    | 0.1730 | 3.309          | 0.2445    | 0.0878    | 129     | -0.01    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2199     | 3.320    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | 0.04     | 003.12 | 0    |
| 003          | Fat, Crude (%)        | 0876     | 3.320    | 0.2000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.04     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0948     | 3.320    | 0.0600 | 3.309          | 0.2445    | 0.0878    | 129     | 0.04     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0848     | 3.345    | 0.1300 | 3.309          | 0.2445    | 0.0878    | 129     | 0.15     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0366     | 3.350    | 0.3000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.17     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0171     | 3.350    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.17     | 003.12 | 0    |
| 003          | Fat, Crude (%)        | 0610     | 3.355    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | 0.19     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2200     | 3.365    | 0.0700 | 3.309          | 0.2445    | 0.0878    | 129     | 0.23     | 003.12 | 0    |
| 003          | Fat, Crude (%)        | 0004     | 3.365    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | 0.23     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0186     | 3.375    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | 0.27     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0510     | 3.375    | 0.1100 | 3.309          | 0.2445    | 0.0878    | 129     | 0.27     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0646     | 3.385    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | 0.31     | 003.13 | 0    |
| 003          | Fat, Crude (%)        | 0619     | 3.390    | 0.2400 | 3.309          | 0.2445    | 0.0878    | 129     | 0.33     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0027     | 3.391    | 0.0110 | 3.309          | 0.2445    | 0.0878    | 129     | 0.33     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0870     | 3.391    | 0.1947 | 3.309          | 0.2445    | 0.0878    | 129     | 0.33     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0508     | 3.395    | 0.1694 | 3.309          | 0.2445    | 0.0878    | 129     | 0.35     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 2442     | 3.400    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | 0.37     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 2349     | 3.410    | 0.1800 | 3.309          | 0.2445    | 0.0878    | 129     | 0.41     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 2146     | 3.415    | 0.2100 | 3.309          | 0.2445    | 0.0878    | 129     | 0.43     | 003.14 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 003          | Fat, Crude (%)        | 0098     | 3.420    | 0.1200 | 3.309          | 0.2445    | 0.0878    | 129     | 0.45     | 003.13 | 0    |
| 003          | Fat, Crude (%)        | 2076     | 3.423    | 0.1897 | 3.309          | 0.2445    | 0.0878    | 129     | 0.47     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2097     | 3.450    | 0.0205 | 3.309          | 0.2445    | 0.0878    | 129     | 0.58     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0870     | 3.456    | 0.0475 | 3.309          | 0.2445    | 0.0878    | 129     | 0.60     | 003.13 | 0    |
| 003          | Fat, Crude (%)        | 2193     | 3.460    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | 0.62     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0536     | 3.465    | 0.1900 | 3.309          | 0.2445    | 0.0878    | 129     | 0.64     | 003.99 | 0    |
| 003          | Fat, Crude (%)        | 0889     | 3.485    | 0.0500 | 3.309          | 0.2445    | 0.0878    | 129     | 0.72     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 0353     | 3.485    | 0.1500 | 3.309          | 0.2445    | 0.0878    | 129     | 0.72     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0692     | 3.500    | 0.4000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.78     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2322     | 3.520    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | 0.86     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0004     | 3.525    | 0.3100 | 3.309          | 0.2445    | 0.0878    | 129     | 0.88     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0682     | 3.530    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.90     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0098     | 3.535    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | 0.92     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 2144     | 3.540    | 0.0600 | 3.309          | 0.2445    | 0.0878    | 129     | 0.94     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0294     | 3.545    | 0.0900 | 3.309          | 0.2445    | 0.0878    | 129     | 0.96     | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 2359     | 3.550    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | 0.98     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0148     | 3.550    | 0.2800 | 3.309          | 0.2445    | 0.0878    | 129     | 0.98     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2450     | 3.565    | 0.4700 | 3.309          | 0.2445    | 0.0878    | 129     | 1.05     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0354     | 3.582    | 0.0170 | 3.309          | 0.2445    | 0.0878    | 129     | 1.11     | 003.09 | 0    |
| 003          | Fat, Crude (%)        | 0687     | 3.585    | 0.0700 | 3.309          | 0.2445    | 0.0878    | 129     | 1.13     | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0682     | 3.600    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 1.19     | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0164     | 3.610    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 1.23     | 003.01 | 0    |
| 003          | Fat, Crude (%)        | 0300     | 3.610    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | 1.23     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0910     | 3.620    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | 1.27     | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0726     | 3.655    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | 1.41     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0035     | 3.675    | 0.0100 | 3.309          | 0.2445    | 0.0878    | 129     | 1.50     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 2337     | 3.675    | 0.0300 | 3.309          | 0.2445    | 0.0878    | 129     | 1.50     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0644     | 3.699    | 0.0650 | 3.309          | 0.2445    | 0.0878    | 129     | 1.59     | 003.06 | 0    |
| 003          | Fat, Crude (%)        | 0190     | 3.700    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 1.60     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0278     | 3.750    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | 1.80     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0049     | 3.845    | 0.3500 | 3.309          | 0.2445    | 0.0878    | 129     | 2.19     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0618     | 3.880    | 0.1250 | 3.309          | 0.2445    | 0.0878    | 129     | 2.33     | 003.10 | 0    |
| 003          | Fat, Crude (%)        | 2363     | 3.900    | 0.0000 | 3.309          | 0.2445    | 0.0878    | 129     | 2.42     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 0889     | 4.190    | 0.0400 | 3.309          | 0.2445    | 0.0878    | 129     | 3.60     | 003.11 | 0    |
| 003          | Fat, Crude (%)        | 0011     | 4.335    | 0.3700 | 3.309          | 0.2445    | 0.0878    | 129     | 4.20     | 003.00 | 0    |
| 003          | Fat, Crude (%)        | 0357     | 4.340    | 0.1200 | 3.309          | 0.2445    | 0.0878    | 129     | 4.22     | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 1019     | 4.400    | 0.1600 | 3.309          | 0.2445    | 0.0878    | 129     | 4.46     | 003.99 | 0    |
| 003          | Fat, Crude (%)        | 0598     | 6.850    | 0.0200 | 3.309          | 0.2445    | 0.0878    | 129     | 14.48    | 003.14 | 0    |
| 003          | Fat, Crude (%)        | 2319     | 2.800    | 1.200  | 3.309          | 0.2445    | 0.0878    | 129     | -2.08    | 003.10 | 1    |
| 003          | Fat, Crude (%)        | 0939     | 3.210    | 0.8000 | 3.309          | 0.2445    | 0.0878    | 129     | -0.41    | 003.06 | 1    |
| 003          | Fat, Crude (%)        | 0032     | 4.655    | 1.170  | 3.309          | 0.2445    | 0.0878    | 129     | 5.51     | 003.00 | 1    |
| 003          | Fat, Crude (%)        | 2089     | 10.29    | 0.1000 | 3.309          | 0.2445    | 0.0878    | 129     | 28.56    | 003.13 | 2    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 004          | Fiber, Crude (%)      | 0034     | 4.395    | 0.2700 | 14.47          | 1.030     | 0.2946    | 101     | -9.77    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0032     | 4.715    | 0.0300 | 14.47          | 1.030     | 0.2946    | 101     | -9.46    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2200     | 11.75    | 1.500  | 14.47          | 1.030     | 0.2946    | 101     | -2.64    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0674     | 12.14    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | -2.26    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 2199     | 12.70    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | -1.71    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 2129     | 12.81    | 0.2970 | 14.47          | 1.030     | 0.2946    | 101     | -1.60    | 004.99 | 0    |
| 004          | Fiber, Crude (%)      | 0144     | 12.85    | 0.2200 | 14.47          | 1.030     | 0.2946    | 101     | -1.57    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0186     | 13.02    | 0.1400 | 14.47          | 1.030     | 0.2946    | 101     | -1.40    | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 0914     | 13.05    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | -1.37    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0098     | 13.17    | 0.0200 | 14.47          | 1.030     | 0.2946    | 101     | -1.26    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0169     | 13.22    | 0.0500 | 14.47          | 1.030     | 0.2946    | 101     | -1.21    | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 2322     | 13.24    | 0.4400 | 14.47          | 1.030     | 0.2946    | 101     | -1.19    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2022     | 13.25    | 0.0100 | 14.47          | 1.030     | 0.2946    | 101     | -1.18    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0921     | 13.26    | 0.5000 | 14.47          | 1.030     | 0.2946    | 101     | -1.17    | 004.03 | 0    |
| 004          | Fiber, Crude (%)      | 0242     | 13.38    | 0.0300 | 14.47          | 1.030     | 0.2946    | 101     | -1.06    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2259     | 13.43    | 0.1670 | 14.47          | 1.030     | 0.2946    | 101     | -1.01    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0644     | 13.60    | 0.0330 | 14.47          | 1.030     | 0.2946    | 101     | -0.84    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0708     | 13.62    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | -0.82    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2089     | 13.63    | 1.050  | 14.47          | 1.030     | 0.2946    | 101     | -0.82    | 004.03 | 0    |
| 004          | Fiber, Crude (%)      | 0870     | 13.68    | 0.3669 | 14.47          | 1.030     | 0.2946    | 101     | -0.76    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0682     | 13.70    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | -0.74    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0510     | 13.75    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | -0.69    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2319     | 13.80    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | -0.65    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0968     | 13.83    | 0.1800 | 14.47          | 1.030     | 0.2946    | 101     | -0.62    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0425     | 13.85    | 0.5000 | 14.47          | 1.030     | 0.2946    | 101     | -0.60    | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 2006     | 13.89    | 0.2300 | 14.47          | 1.030     | 0.2946    | 101     | -0.56    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0692     | 13.90    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | -0.55    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0100     | 13.92    | 0.4100 | 14.47          | 1.030     | 0.2946    | 101     | -0.53    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0622     | 13.93    | 0.0415 | 14.47          | 1.030     | 0.2946    | 101     | -0.52    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2022     | 13.98    | 0.0300 | 14.47          | 1.030     | 0.2946    | 101     | -0.48    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0098     | 13.98    | 1.000  | 14.47          | 1.030     | 0.2946    | 101     | -0.47    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0884     | 14.00    | 0.8000 | 14.47          | 1.030     | 0.2946    | 101     | -0.45    | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 2337     | 14.04    | 0.1200 | 14.47          | 1.030     | 0.2946    | 101     | -0.41    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0294     | 14.07    | 0.0500 | 14.47          | 1.030     | 0.2946    | 101     | -0.39    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0619     | 14.10    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | -0.36    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0038     | 14.15    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | -0.31    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 2190     | 14.17    | 0.3700 | 14.47          | 1.030     | 0.2946    | 101     | -0.29    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0019     | 14.19    | 0.6800 | 14.47          | 1.030     | 0.2946    | 101     | -0.27    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0505     | 14.19    | 0.0400 | 14.47          | 1.030     | 0.2946    | 101     | -0.27    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0164     | 14.20    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | -0.26    | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 0956     | 14.20    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | -0.26    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0035     | 14.23    | 0.0300 | 14.47          | 1.030     | 0.2946    | 101     | -0.23    | 004.07 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 004          | Fiber, Crude (%)      | 0028     | 14.25    | 0.3000 | 14.47          | 1.030     | 0.2946    | 101     | -0.21    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0083     | 14.26    | 0.0700 | 14.47          | 1.030     | 0.2946    | 101     | -0.20    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0948     | 14.26    | 0.3200 | 14.47          | 1.030     | 0.2946    | 101     | -0.20    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2193     | 14.32    | 0.0700 | 14.47          | 1.030     | 0.2946    | 101     | -0.15    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0948     | 14.35    | 0.4300 | 14.47          | 1.030     | 0.2946    | 101     | -0.12    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0353     | 14.35    | 1.300  | 14.47          | 1.030     | 0.2946    | 101     | -0.11    | 004.03 | 0    |
| 004          | Fiber, Crude (%)      | 0027     | 14.35    | 0.0340 | 14.47          | 1.030     | 0.2946    | 101     | -0.11    | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0278     | 14.40    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | -0.06    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2302     | 14.42    | 0.6100 | 14.47          | 1.030     | 0.2946    | 101     | -0.05    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0968     | 14.45    | 0.0500 | 14.47          | 1.030     | 0.2946    | 101     | -0.02    | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2359     | 14.50    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | 0.03     | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 0910     | 14.50    | 0.6000 | 14.47          | 1.030     | 0.2946    | 101     | 0.03     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0066     | 14.51    | 0.1700 | 14.47          | 1.030     | 0.2946    | 101     | 0.04     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2196     | 14.52    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | 0.05     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0643     | 14.53    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | 0.06     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0366     | 14.55    | 0.7000 | 14.47          | 1.030     | 0.2946    | 101     | 0.08     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0589     | 14.57    | 0.1700 | 14.47          | 1.030     | 0.2946    | 101     | 0.10     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0876     | 14.57    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | 0.10     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0229     | 14.58    | 1.040  | 14.47          | 1.030     | 0.2946    | 101     | 0.11     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0009     | 14.59    | 0.1500 | 14.47          | 1.030     | 0.2946    | 101     | 0.12     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0889     | 14.65    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | 0.18     | 004.11 | 0    |
| 004          | Fiber, Crude (%)      | 2340     | 14.66    | 0.1840 | 14.47          | 1.030     | 0.2946    | 101     | 0.19     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2445     | 14.67    | 0.2100 | 14.47          | 1.030     | 0.2946    | 101     | 0.19     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2363     | 14.69    | 0.0500 | 14.47          | 1.030     | 0.2946    | 101     | 0.21     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0726     | 14.70    | 0.4300 | 14.47          | 1.030     | 0.2946    | 101     | 0.22     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2349     | 14.70    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | 0.23     | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0407     | 14.75    | 0.7445 | 14.47          | 1.030     | 0.2946    | 101     | 0.28     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0511     | 14.80    | 0.4000 | 14.47          | 1.030     | 0.2946    | 101     | 0.32     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0610     | 14.85    | 0.7000 | 14.47          | 1.030     | 0.2946    | 101     | 0.37     | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0354     | 14.89    | 0.1100 | 14.47          | 1.030     | 0.2946    | 101     | 0.41     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0004     | 14.92    | 0.7200 | 14.47          | 1.030     | 0.2946    | 101     | 0.44     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0693     | 14.93    | 0.1990 | 14.47          | 1.030     | 0.2946    | 101     | 0.45     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0689     | 14.95    | 0.1000 | 14.47          | 1.030     | 0.2946    | 101     | 0.47     | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0646     | 15.16    | 0.1300 | 14.47          | 1.030     | 0.2946    | 101     | 0.67     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0939     | 15.18    | 1.090  | 14.47          | 1.030     | 0.2946    | 101     | 0.69     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2434     | 15.22    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | 0.73     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2188     | 15.26    | 0.0000 | 14.47          | 1.030     | 0.2946    | 101     | 0.77     | 004.06 | 0    |
| 004          | Fiber, Crude (%)      | 0003     | 15.29    | 0.5900 | 14.47          | 1.030     | 0.2946    | 101     | 0.79     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2192     | 15.29    | 0.2800 | 14.47          | 1.030     | 0.2946    | 101     | 0.80     | 004.03 | 0    |
| 004          | Fiber, Crude (%)      | 0123     | 15.32    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | 0.83     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0723     | 15.48    | 0.0900 | 14.47          | 1.030     | 0.2946    | 101     | 0.98     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0529     | 15.52    | 1.370  | 14.47          | 1.030     | 0.2946    | 101     | 1.02     | 004.07 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 004          | Fiber, Crude (%)      | 2188     | 15.61    | 0.0600 | 14.47          | 1.030     | 0.2946    | 101     | 1.11     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2392     | 15.62    | 0.4200 | 14.47          | 1.030     | 0.2946    | 101     | 1.12     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0263     | 15.64    | 0.3490 | 14.47          | 1.030     | 0.2946    | 101     | 1.14     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2009     | 15.85    | 0.0105 | 14.47          | 1.030     | 0.2946    | 101     | 1.34     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0171     | 15.86    | 0.2200 | 14.47          | 1.030     | 0.2946    | 101     | 1.35     | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 2146     | 15.86    | 0.2200 | 14.47          | 1.030     | 0.2946    | 101     | 1.35     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0190     | 15.90    | 0.2000 | 14.47          | 1.030     | 0.2946    | 101     | 1.39     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0848     | 15.97    | 0.0800 | 14.47          | 1.030     | 0.2946    | 101     | 1.46     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0089     | 16.08    | 0.0700 | 14.47          | 1.030     | 0.2946    | 101     | 1.56     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0536     | 16.18    | 0.1200 | 14.47          | 1.030     | 0.2946    | 101     | 1.66     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2246     | 16.20    | 0.9700 | 14.47          | 1.030     | 0.2946    | 101     | 1.68     | 004.03 | 0    |
| 004          | Fiber, Crude (%)      | 0598     | 16.35    | 0.0500 | 14.47          | 1.030     | 0.2946    | 101     | 1.82     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2195     | 16.82    | 0.4700 | 14.47          | 1.030     | 0.2946    | 101     | 2.28     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0504     | 16.86    | 0.3100 | 14.47          | 1.030     | 0.2946    | 101     | 2.32     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 0045     | 17.45    | 0.3000 | 14.47          | 1.030     | 0.2946    | 101     | 2.90     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2076     | 19.17    | 1.429  | 14.47          | 1.030     | 0.2946    | 101     | 4.56     | 004.00 | 0    |
| 004          | Fiber, Crude (%)      | 0226     | 23.30    | 0.7900 | 14.47          | 1.030     | 0.2946    | 101     | 8.57     | 004.07 | 0    |
| 004          | Fiber, Crude (%)      | 2345     | 16.31    | 2.950  | 14.47          | 1.030     | 0.2946    | 101     | 1.78     | 004.07 | 1    |
| 005          | Ash (%)               | 0889     | 7.345    | 0.1700 | 10.85          | 0.5052    | 0.1391    | 126     | -6.95    | 005.11 | 0    |
| 005          | Ash (%)               | 2246     | 9.160    | 0.1800 | 10.85          | 0.5052    | 0.1391    | 126     | -3.35    | 005.00 | 0    |
| 005          | Ash (%)               | 2322     | 9.280    | 0.0400 | 10.85          | 0.5052    | 0.1391    | 126     | -3.12    | 005.00 | 0    |
| 005          | Ash (%)               | 2246     | 9.305    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | -3.07    | 005.05 | 0    |
| 005          | Ash (%)               | 0089     | 9.520    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | -2.64    | 005.00 | 0    |
| 005          | Ash (%)               | 0169     | 9.530    | 0.0600 | 10.85          | 0.5052    | 0.1391    | 126     | -2.62    | 005.00 | 0    |
| 005          | Ash (%)               | 0019     | 9.700    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | -2.29    | 005.99 | 0    |
| 005          | Ash (%)               | 0539     | 9.845    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | -2.00    | 005.00 | 0    |
| 005          | Ash (%)               | 0357     | 9.850    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | -1.99    | 005.00 | 0    |
| 005          | Ash (%)               | 0650     | 9.865    | 0.1100 | 10.85          | 0.5052    | 0.1391    | 126     | -1.96    | 005.00 | 0    |
| 005          | Ash (%)               | 0278     | 9.880    | 0.3000 | 10.85          | 0.5052    | 0.1391    | 126     | -1.93    | 005.00 | 0    |
| 005          | Ash (%)               | 0003     | 9.960    | 0.1200 | 10.85          | 0.5052    | 0.1391    | 126     | -1.77    | 005.05 | 0    |
| 005          | Ash (%)               | 0108     | 9.970    | 0.4000 | 10.85          | 0.5052    | 0.1391    | 126     | -1.75    | 005.00 | 0    |
| 005          | Ash (%)               | 0511     | 10.05    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | -1.59    | 005.03 | 0    |
| 005          | Ash (%)               | 2184     | 10.07    | 0.0900 | 10.85          | 0.5052    | 0.1391    | 126     | -1.56    | 005.00 | 0    |
| 005          | Ash (%)               | 0598     | 10.11    | 0.0100 | 10.85          | 0.5052    | 0.1391    | 126     | -1.48    | 005.00 | 0    |
| 005          | Ash (%)               | 0049     | 10.13    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | -1.44    | 005.00 | 0    |
| 005          | Ash (%)               | 0953     | 10.27    | 0.2200 | 10.85          | 0.5052    | 0.1391    | 126     | -1.16    | 005.00 | 0    |
| 005          | Ash (%)               | 0546     | 10.28    | 0.1400 | 10.85          | 0.5052    | 0.1391    | 126     | -1.14    | 005.99 | 0    |
| 005          | Ash (%)               | 0354     | 10.29    | 0.0020 | 10.85          | 0.5052    | 0.1391    | 126     | -1.13    | 005.00 | 0    |
| 005          | Ash (%)               | 2359     | 10.30    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | -1.10    | 005.00 | 0    |
| 005          | Ash (%)               | 2443     | 10.35    | 0.3577 | 10.85          | 0.5052    | 0.1391    | 126     | -1.00    | 005.00 | 0    |
| 005          | Ash (%)               | 2340     | 10.35    | 0.0030 | 10.85          | 0.5052    | 0.1391    | 126     | -0.99    | 005.00 | 0    |
| 005          | Ash (%)               | 0164     | 10.40    | 0.2300 | 10.85          | 0.5052    | 0.1391    | 126     | -0.91    | 005.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 005          | Ash (%)               | 0692     | 10.45    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.80    | 005.05 | 0    |
| 005          | Ash (%)               | 1019     | 10.50    | 0.5300 | 10.85          | 0.5052    | 0.1391    | 126     | -0.71    | 005.00 | 0    |
| 005          | Ash (%)               | 0505     | 10.50    | 0.1200 | 10.85          | 0.5052    | 0.1391    | 126     | -0.70    | 005.00 | 0    |
| 005          | Ash (%)               | 2199     | 10.50    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.70    | 005.00 | 0    |
| 005          | Ash (%)               | 2302     | 10.51    | 0.4500 | 10.85          | 0.5052    | 0.1391    | 126     | -0.69    | 005.00 | 0    |
| 005          | Ash (%)               | 2445     | 10.51    | 0.0700 | 10.85          | 0.5052    | 0.1391    | 126     | -0.69    | 005.00 | 0    |
| 005          | Ash (%)               | 0425     | 10.53    | 0.1100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.65    | 005.00 | 0    |
| 005          | Ash (%)               | 2345     | 10.53    | 0.4100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.65    | 005.05 | 0    |
| 005          | Ash (%)               | 0956     | 10.55    | 0.5000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.60    | 005.00 | 0    |
| 005          | Ash (%)               | 2349     | 10.55    | 0.3000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.60    | 005.00 | 0    |
| 005          | Ash (%)               | 0186     | 10.56    | 0.1300 | 10.85          | 0.5052    | 0.1391    | 126     | -0.58    | 005.00 | 0    |
| 005          | Ash (%)               | 0876     | 10.57    | 0.2100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.57    | 005.00 | 0    |
| 005          | Ash (%)               | 2442     | 10.59    | 0.0100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.53    | 005.00 | 0    |
| 005          | Ash (%)               | 0574     | 10.60    | 0.0100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.51    | 005.00 | 0    |
| 005          | Ash (%)               | 2268     | 10.60    | 0.2300 | 10.85          | 0.5052    | 0.1391    | 126     | -0.51    | 005.00 | 0    |
| 005          | Ash (%)               | 0723     | 10.61    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | -0.49    | 005.00 | 0    |
| 005          | Ash (%)               | 0622     | 10.61    | 0.1049 | 10.85          | 0.5052    | 0.1391    | 126     | -0.48    | 005.00 | 0    |
| 005          | Ash (%)               | 0027     | 10.66    | 0.1280 | 10.85          | 0.5052    | 0.1391    | 126     | -0.38    | 005.00 | 0    |
| 005          | Ash (%)               | 0646     | 10.68    | 0.0100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.36    | 005.00 | 0    |
| 005          | Ash (%)               | 0726     | 10.71    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | -0.30    | 005.05 | 0    |
| 005          | Ash (%)               | 0541     | 10.71    | 0.2400 | 10.85          | 0.5052    | 0.1391    | 126     | -0.29    | 005.00 | 0    |
| 005          | Ash (%)               | 0004     | 10.72    | 0.1400 | 10.85          | 0.5052    | 0.1391    | 126     | -0.27    | 005.00 | 0    |
| 005          | Ash (%)               | 0848     | 10.73    | 0.0100 | 10.85          | 0.5052    | 0.1391    | 126     | -0.26    | 005.00 | 0    |
| 005          | Ash (%)               | 0045     | 10.75    | 0.3000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.21    | 005.00 | 0    |
| 005          | Ash (%)               | 0651     | 10.78    | 0.1899 | 10.85          | 0.5052    | 0.1391    | 126     | -0.14    | 005.00 | 0    |
| 005          | Ash (%)               | 0407     | 10.78    | 0.3985 | 10.85          | 0.5052    | 0.1391    | 126     | -0.14    | 005.00 | 0    |
| 005          | Ash (%)               | 0358     | 10.79    | 0.0600 | 10.85          | 0.5052    | 0.1391    | 126     | -0.13    | 005.00 | 0    |
| 005          | Ash (%)               | 0038     | 10.80    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.11    | 005.00 | 0    |
| 005          | Ash (%)               | 0589     | 10.80    | 0.0400 | 10.85          | 0.5052    | 0.1391    | 126     | -0.11    | 005.00 | 0    |
| 005          | Ash (%)               | 2259     | 10.83    | 0.1380 | 10.85          | 0.5052    | 0.1391    | 126     | -0.06    | 005.00 | 0    |
| 005          | Ash (%)               | 2453     | 10.83    | 0.0510 | 10.85          | 0.5052    | 0.1391    | 126     | -0.06    | 005.00 | 0    |
| 005          | Ash (%)               | 0047     | 10.85    | 0.3000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.01    | 005.00 | 0    |
| 005          | Ash (%)               | 0066     | 10.85    | 0.1400 | 10.85          | 0.5052    | 0.1391    | 126     | -0.01    | 005.05 | 0    |
| 005          | Ash (%)               | 0366     | 10.85    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | -0.01    | 005.00 | 0    |
| 005          | Ash (%)               | 2150     | 10.86    | 0.2700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.00     | 005.00 | 0    |
| 005          | Ash (%)               | 2196     | 10.89    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.07     | 005.00 | 0    |
| 005          | Ash (%)               | 0229     | 10.90    | 0.2700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.08     | 005.00 | 0    |
| 005          | Ash (%)               | 0504     | 10.90    | 0.0700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.08     | 005.00 | 0    |
| 005          | Ash (%)               | 2434     | 10.90    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.09     | 005.00 | 0    |
| 005          | Ash (%)               | 0529     | 10.93    | 0.0600 | 10.85          | 0.5052    | 0.1391    | 126     | 0.15     | 005.00 | 0    |
| 005          | Ash (%)               | 0148     | 10.95    | 0.5100 | 10.85          | 0.5052    | 0.1391    | 126     | 0.18     | 005.00 | 0    |
| 005          | Ash (%)               | 2200     | 10.95    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.19     | 005.00 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 005          | Ash (%)               | 2337     | 10.96    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.21     | 005.00 | 0    |
| 005          | Ash (%)               | 0263     | 10.96    | 0.0250 | 10.85          | 0.5052    | 0.1391    | 126     | 0.22     | 005.05 | 0    |
| 005          | Ash (%)               | 0870     | 10.97    | 0.2915 | 10.85          | 0.5052    | 0.1391    | 126     | 0.23     | 005.00 | 0    |
| 005          | Ash (%)               | 0536     | 10.98    | 0.0300 | 10.85          | 0.5052    | 0.1391    | 126     | 0.24     | 005.99 | 0    |
| 005          | Ash (%)               | 0100     | 10.99    | 0.1400 | 10.85          | 0.5052    | 0.1391    | 126     | 0.27     | 005.00 | 0    |
| 005          | Ash (%)               | 0033     | 11.00    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.29     | 005.00 | 0    |
| 005          | Ash (%)               | 0353     | 11.00    | 0.3000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.29     | 005.00 | 0    |
| 005          | Ash (%)               | 2195     | 11.02    | 0.1700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.32     | 005.00 | 0    |
| 005          | Ash (%)               | 0510     | 11.02    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.33     | 005.00 | 0    |
| 005          | Ash (%)               | 2193     | 11.03    | 0.0900 | 10.85          | 0.5052    | 0.1391    | 126     | 0.34     | 005.00 | 0    |
| 005          | Ash (%)               | 0001     | 11.03    | 0.1910 | 10.85          | 0.5052    | 0.1391    | 126     | 0.35     | 005.00 | 0    |
| 005          | Ash (%)               | 0644     | 11.04    | 0.1050 | 10.85          | 0.5052    | 0.1391    | 126     | 0.37     | 005.99 | 0    |
| 005          | Ash (%)               | 0693     | 11.04    | 0.0380 | 10.85          | 0.5052    | 0.1391    | 126     | 0.37     | 005.00 | 0    |
| 005          | Ash (%)               | 2006     | 11.05    | 0.0300 | 10.85          | 0.5052    | 0.1391    | 126     | 0.38     | 005.00 | 0    |
| 005          | Ash (%)               | 0853     | 11.05    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.39     | 005.00 | 0    |
| 005          | Ash (%)               | 0619     | 11.05    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.39     | 005.05 | 0    |
| 005          | Ash (%)               | 0123     | 11.07    | 0.1100 | 10.85          | 0.5052    | 0.1391    | 126     | 0.42     | 005.00 | 0    |
| 005          | Ash (%)               | 0144     | 11.07    | 0.2700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.42     | 005.00 | 0    |
| 005          | Ash (%)               | 2188     | 11.07    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.43     | 005.00 | 0    |
| 005          | Ash (%)               | 0035     | 11.09    | 0.1800 | 10.85          | 0.5052    | 0.1391    | 126     | 0.47     | 005.00 | 0    |
| 005          | Ash (%)               | 0083     | 11.10    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.49     | 005.00 | 0    |
| 005          | Ash (%)               | 0682     | 11.10    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.49     | 005.00 | 0    |
| 005          | Ash (%)               | 2097     | 11.11    | 0.1896 | 10.85          | 0.5052    | 0.1391    | 126     | 0.50     | 005.00 | 0    |
| 005          | Ash (%)               | 0171     | 11.12    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | 0.52     | 005.00 | 0    |
| 005          | Ash (%)               | 0674     | 11.14    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.56     | 005.00 | 0    |
| 005          | Ash (%)               | 0941     | 11.15    | 0.1700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.57     | 005.05 | 0    |
| 005          | Ash (%)               | 0968     | 11.15    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.58     | 005.00 | 0    |
| 005          | Ash (%)               | 0098     | 11.16    | 0.1100 | 10.85          | 0.5052    | 0.1391    | 126     | 0.59     | 005.00 | 0    |
| 005          | Ash (%)               | 0689     | 11.17    | 0.2200 | 10.85          | 0.5052    | 0.1391    | 126     | 0.62     | 005.05 | 0    |
| 005          | Ash (%)               | 2022     | 11.19    | 0.0200 | 10.85          | 0.5052    | 0.1391    | 126     | 0.66     | 005.00 | 0    |
| 005          | Ash (%)               | 0884     | 11.20    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.68     | 005.99 | 0    |
| 005          | Ash (%)               | 2442     | 11.22    | 0.0800 | 10.85          | 0.5052    | 0.1391    | 126     | 0.72     | 005.05 | 0    |
| 005          | Ash (%)               | 0618     | 11.23    | 0.2100 | 10.85          | 0.5052    | 0.1391    | 126     | 0.73     | 005.00 | 0    |
| 005          | Ash (%)               | 0590     | 11.25    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.78     | 005.05 | 0    |
| 005          | Ash (%)               | 2319     | 11.25    | 0.1000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.78     | 005.99 | 0    |
| 005          | Ash (%)               | 2009     | 11.27    | 0.0564 | 10.85          | 0.5052    | 0.1391    | 126     | 0.81     | 005.05 | 0    |
| 005          | Ash (%)               | 2190     | 11.29    | 0.0500 | 10.85          | 0.5052    | 0.1391    | 126     | 0.85     | 005.05 | 0    |
| 005          | Ash (%)               | 0294     | 11.31    | 0.0400 | 10.85          | 0.5052    | 0.1391    | 126     | 0.90     | 005.05 | 0    |
| 005          | Ash (%)               | 0675     | 11.31    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.90     | 005.00 | 0    |
| 005          | Ash (%)               | 0242     | 11.32    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | 0.92     | 005.00 | 0    |
| 005          | Ash (%)               | 0948     | 11.34    | 0.0700 | 10.85          | 0.5052    | 0.1391    | 126     | 0.95     | 005.00 | 0    |
| 005          | Ash (%)               | 0643     | 11.37    | 0.3300 | 10.85          | 0.5052    | 0.1391    | 126     | 1.01     | 005.05 | 0    |

| Method Group | Analyte Group (Units)     | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|---------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                           |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 005          | Ash (%)                   | 2144     | 11.37    | 0.0400 | 10.85          | 0.5052    | 0.1391    | 126     | 1.02     | 005.05 | 0    |
| 005          | Ash (%)                   | 0910     | 11.40    | 0.6000 | 10.85          | 0.5052    | 0.1391    | 126     | 1.08     | 005.99 | 0    |
| 005          | Ash (%)                   | 0610     | 11.40    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 1.08     | 005.05 | 0    |
| 005          | Ash (%)                   | 0914     | 11.41    | 0.4800 | 10.85          | 0.5052    | 0.1391    | 126     | 1.10     | 005.00 | 0    |
| 005          | Ash (%)                   | 2076     | 11.43    | 0.0559 | 10.85          | 0.5052    | 0.1391    | 126     | 1.15     | 005.00 | 0    |
| 005          | Ash (%)                   | 0034     | 11.45    | 0.1200 | 10.85          | 0.5052    | 0.1391    | 126     | 1.18     | 005.05 | 0    |
| 005          | Ash (%)                   | 2192     | 11.47    | 0.0300 | 10.85          | 0.5052    | 0.1391    | 126     | 1.21     | 005.05 | 0    |
| 005          | Ash (%)                   | 0939     | 11.48    | 0.1900 | 10.85          | 0.5052    | 0.1391    | 126     | 1.23     | 005.05 | 0    |
| 005          | Ash (%)                   | 0676     | 11.50    | 0.1300 | 10.85          | 0.5052    | 0.1391    | 126     | 1.27     | 005.99 | 0    |
| 005          | Ash (%)                   | 0202     | 11.50    | 0.2000 | 10.85          | 0.5052    | 0.1391    | 126     | 1.28     | 005.99 | 0    |
| 005          | Ash (%)                   | 0190     | 11.52    | 0.0300 | 10.85          | 0.5052    | 0.1391    | 126     | 1.31     | 005.05 | 0    |
| 005          | Ash (%)                   | 0644     | 11.53    | 0.1600 | 10.85          | 0.5052    | 0.1391    | 126     | 1.33     | 005.02 | 0    |
| 005          | Ash (%)                   | 0889     | 11.55    | 0.0300 | 10.85          | 0.5052    | 0.1391    | 126     | 1.37     | 005.05 | 0    |
| 005          | Ash (%)                   | 0226     | 11.57    | 0.0800 | 10.85          | 0.5052    | 0.1391    | 126     | 1.42     | 005.00 | 0    |
| 005          | Ash (%)                   | 2389     | 11.60    | 0.0000 | 10.85          | 0.5052    | 0.1391    | 126     | 1.48     | 005.11 | 0    |
| 005          | Ash (%)                   | 2450     | 11.63    | 0.0700 | 10.85          | 0.5052    | 0.1391    | 126     | 1.52     | 005.00 | 0    |
| 005          | Ash (%)                   | 2129     | 11.66    | 0.0349 | 10.85          | 0.5052    | 0.1391    | 126     | 1.59     | 005.05 | 0    |
| 005          | Ash (%)                   | 2089     | 11.86    | 0.3100 | 10.85          | 0.5052    | 0.1391    | 126     | 1.98     | 005.00 | 0    |
| 006          | Total Sugars (%)          | 0148     | 2.325    | 0.2700 | 4.151          | 0.8077    | 0.2016    | 12      | -2.26    | 006.99 | 0    |
| 006          | Total Sugars (%)          | 0226     | 3.200    | 0.0800 | 4.151          | 0.8077    | 0.2016    | 12      | -1.18    | 006.99 | 0    |
| 006          | Total Sugars (%)          | 2192     | 3.395    | 0.0500 | 4.151          | 0.8077    | 0.2016    | 12      | -0.94    | 006.00 | 0    |
| 006          | Total Sugars (%)          | 0910     | 3.900    | 0.5800 | 4.151          | 0.8077    | 0.2016    | 12      | -0.31    | 006.00 | 0    |
| 006          | Total Sugars (%)          | 0941     | 4.150    | 0.1200 | 4.151          | 0.8077    | 0.2016    | 12      | 0.00     | 006.03 | 0    |
| 006          | Total Sugars (%)          | 0674     | 4.170    | 0.0000 | 4.151          | 0.8077    | 0.2016    | 12      | 0.02     | 006.99 | 0    |
| 006          | Total Sugars (%)          | 2319     | 4.250    | 0.1000 | 4.151          | 0.8077    | 0.2016    | 12      | 0.12     | 006.00 | 0    |
| 006          | Total Sugars (%)          | 0956     | 4.250    | 0.1000 | 4.151          | 0.8077    | 0.2016    | 12      | 0.12     | 006.99 | 0    |
| 006          | Total Sugars (%)          | 0407     | 4.472    | 0.1570 | 4.151          | 0.8077    | 0.2016    | 12      | 0.40     | 006.00 | 0    |
| 006          | Total Sugars (%)          | 0921     | 4.719    | 0.4590 | 4.151          | 0.8077    | 0.2016    | 12      | 0.70     | 006.99 | 0    |
| 006          | Total Sugars (%)          | 0038     | 5.170    | 0.3800 | 4.151          | 0.8077    | 0.2016    | 12      | 1.26     | 006.01 | 0    |
| 006          | Total Sugars (%)          | 0610     | 5.195    | 0.0100 | 4.151          | 0.8077    | 0.2016    | 12      | 1.29     | 006.99 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0889     | 16.45    | 0.0100 | 19.54          | 1.341     | 0.2510    | 53      | -2.31    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0354     | 16.65    | 0.0500 | 19.54          | 1.341     | 0.2510    | 53      | -2.16    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2302     | 16.81    | 0.4800 | 19.54          | 1.341     | 0.2510    | 53      | -2.04    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0723     | 17.22    | 0.1000 | 19.54          | 1.341     | 0.2510    | 53      | -1.73    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2345     | 17.45    | 1.030  | 19.54          | 1.341     | 0.2510    | 53      | -1.56    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2129     | 17.47    | 0.0767 | 19.54          | 1.341     | 0.2510    | 53      | -1.55    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0848     | 17.72    | 0.1200 | 19.54          | 1.341     | 0.2510    | 53      | -1.36    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0956     | 18.05    | 0.1000 | 19.54          | 1.341     | 0.2510    | 53      | -1.11    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0910     | 18.13    | 0.3500 | 19.54          | 1.341     | 0.2510    | 53      | -1.06    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0098     | 18.28    | 0.5900 | 19.54          | 1.341     | 0.2510    | 53      | -0.95    | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0510     | 18.30    | 0.4000 | 19.54          | 1.341     | 0.2510    | 53      | -0.93    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0027     | 18.44    | 0.2970 | 19.54          | 1.341     | 0.2510    | 53      | -0.82    | 008.99 | 0    |

| Method Group | Analyte Group (Units)     | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|---------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                           |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 008          | Fiber, Acid Detergent (%) | 0968     | 18.53    | 0.0500 | 19.54          | 1.341     | 0.2510    | 53      | -0.76    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0870     | 18.58    | 0.0920 | 19.54          | 1.341     | 0.2510    | 53      | -0.72    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0948     | 18.59    | 0.1700 | 19.54          | 1.341     | 0.2510    | 53      | -0.71    | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0948     | 18.75    | 0.3800 | 19.54          | 1.341     | 0.2510    | 53      | -0.59    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0610     | 18.75    | 0.5000 | 19.54          | 1.341     | 0.2510    | 53      | -0.59    | 008.99 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0004     | 18.78    | 0.5300 | 19.54          | 1.341     | 0.2510    | 53      | -0.57    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0190     | 19.13    | 0.0200 | 19.54          | 1.341     | 0.2510    | 53      | -0.31    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0366     | 19.15    | 0.3000 | 19.54          | 1.341     | 0.2510    | 53      | -0.29    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2246     | 19.36    | 0.0200 | 19.54          | 1.341     | 0.2510    | 53      | -0.14    | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0358     | 19.37    | 0.0300 | 19.54          | 1.341     | 0.2510    | 53      | -0.13    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0939     | 19.43    | 0.3000 | 19.54          | 1.341     | 0.2510    | 53      | -0.08    | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2196     | 19.64    | 0.0000 | 19.54          | 1.341     | 0.2510    | 53      | 0.07     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0049     | 19.79    | 0.3800 | 19.54          | 1.341     | 0.2510    | 53      | 0.18     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0674     | 19.80    | 0.0000 | 19.54          | 1.341     | 0.2510    | 53      | 0.19     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0407     | 19.88    | 1.560  | 19.54          | 1.341     | 0.2510    | 53      | 0.25     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2190     | 19.92    | 0.1800 | 19.54          | 1.341     | 0.2510    | 53      | 0.28     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0083     | 20.05    | 0.0100 | 19.54          | 1.341     | 0.2510    | 53      | 0.38     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0689     | 20.05    | 0.7000 | 19.54          | 1.341     | 0.2510    | 53      | 0.38     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0001     | 20.06    | 0.1280 | 19.54          | 1.341     | 0.2510    | 53      | 0.38     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2375     | 20.06    | 0.2200 | 19.54          | 1.341     | 0.2510    | 53      | 0.39     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0148     | 20.08    | 0.2900 | 19.54          | 1.341     | 0.2510    | 53      | 0.40     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0035     | 20.17    | 0.1400 | 19.54          | 1.341     | 0.2510    | 53      | 0.47     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0066     | 20.18    | 0.4800 | 19.54          | 1.341     | 0.2510    | 53      | 0.48     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0164     | 20.25    | 0.1000 | 19.54          | 1.341     | 0.2510    | 53      | 0.53     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0278     | 20.30    | 0.6000 | 19.54          | 1.341     | 0.2510    | 53      | 0.57     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0294     | 20.39    | 0.1400 | 19.54          | 1.341     | 0.2510    | 53      | 0.63     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0263     | 20.42    | 0.0980 | 19.54          | 1.341     | 0.2510    | 53      | 0.66     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0619     | 20.57    | 0.0000 | 19.54          | 1.341     | 0.2510    | 53      | 0.77     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0504     | 20.59    | 0.5100 | 19.54          | 1.341     | 0.2510    | 53      | 0.78     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0726     | 20.60    | 0.0500 | 19.54          | 1.341     | 0.2510    | 53      | 0.79     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 2192     | 20.60    | 0.4000 | 19.54          | 1.341     | 0.2510    | 53      | 0.79     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0148     | 20.65    | 0.0500 | 19.54          | 1.341     | 0.2510    | 53      | 0.82     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0353     | 20.66    | 0.1200 | 19.54          | 1.341     | 0.2510    | 53      | 0.83     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0226     | 20.67    | 0.3900 | 19.54          | 1.341     | 0.2510    | 53      | 0.84     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0693     | 20.70    | 0.4600 | 19.54          | 1.341     | 0.2510    | 53      | 0.86     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0646     | 20.93    | 0.0200 | 19.54          | 1.341     | 0.2510    | 53      | 1.04     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0037     | 20.95    | 0.0900 | 19.54          | 1.341     | 0.2510    | 53      | 1.05     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0964     | 21.06    | 0.1240 | 19.54          | 1.341     | 0.2510    | 53      | 1.13     | 008.02 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0045     | 21.15    | 0.1000 | 19.54          | 1.341     | 0.2510    | 53      | 1.20     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0357     | 23.52    | 1.120  | 19.54          | 1.341     | 0.2510    | 53      | 2.97     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0536     | 24.59    | 0.1500 | 19.54          | 1.341     | 0.2510    | 53      | 3.76     | 008.08 | 0    |
| 008          | Fiber, Acid Detergent (%) | 0511     | 19.25    | 2.900  | 19.54          | 1.341     | 0.2510    | 53      | -0.22    | 008.08 | 1    |

| Method Group | Analyte Group (Units)        | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|------------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                              |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 008          | Fiber, Acid Detergent (%)    | 2445     | 35.58    | 0.1000 | 19.54          | 1.341     | 0.2510    | 53      | 11.96    | 008.08 | 2    |
| 009          | Fiber, Neutral Detergent (%) | 0598     | 32.87    | 0.0700 | 35.99          | 1.413     | 0.4264    | 50      | -2.21    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2302     | 33.08    | 0.1700 | 35.99          | 1.413     | 0.4264    | 50      | -2.06    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0910     | 33.45    | 0.3000 | 35.99          | 1.413     | 0.4264    | 50      | -1.79    | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0889     | 34.21    | 0.0600 | 35.99          | 1.413     | 0.4264    | 50      | -1.26    | 009.99 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0083     | 34.48    | 0.1200 | 35.99          | 1.413     | 0.4264    | 50      | -1.07    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0889     | 34.70    | 0.2500 | 35.99          | 1.413     | 0.4264    | 50      | -0.91    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0510     | 34.80    | 0.0000 | 35.99          | 1.413     | 0.4264    | 50      | -0.84    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0354     | 34.82    | 0.4000 | 35.99          | 1.413     | 0.4264    | 50      | -0.83    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0723     | 34.88    | 0.2800 | 35.99          | 1.413     | 0.4264    | 50      | -0.78    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0278     | 34.90    | 1.000  | 35.99          | 1.413     | 0.4264    | 50      | -0.77    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0939     | 34.92    | 0.3200 | 35.99          | 1.413     | 0.4264    | 50      | -0.75    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0358     | 34.99    | 1.980  | 35.99          | 1.413     | 0.4264    | 50      | -0.71    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0263     | 35.00    | 0.0750 | 35.99          | 1.413     | 0.4264    | 50      | -0.70    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0536     | 35.00    | 0.1600 | 35.99          | 1.413     | 0.4264    | 50      | -0.70    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0870     | 35.09    | 0.2806 | 35.99          | 1.413     | 0.4264    | 50      | -0.63    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2375     | 35.11    | 0.1100 | 35.99          | 1.413     | 0.4264    | 50      | -0.62    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0049     | 35.14    | 1.090  | 35.99          | 1.413     | 0.4264    | 50      | -0.60    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0037     | 35.25    | 0.1500 | 35.99          | 1.413     | 0.4264    | 50      | -0.52    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0035     | 35.48    | 0.3500 | 35.99          | 1.413     | 0.4264    | 50      | -0.36    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2129     | 35.50    | 0.7379 | 35.99          | 1.413     | 0.4264    | 50      | -0.35    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0407     | 35.51    | 1.319  | 35.99          | 1.413     | 0.4264    | 50      | -0.34    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0226     | 35.54    | 0.6500 | 35.99          | 1.413     | 0.4264    | 50      | -0.32    | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0693     | 35.58    | 0.0510 | 35.99          | 1.413     | 0.4264    | 50      | -0.29    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0098     | 35.75    | 0.9000 | 35.99          | 1.413     | 0.4264    | 50      | -0.17    | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0948     | 35.75    | 0.2400 | 35.99          | 1.413     | 0.4264    | 50      | -0.17    | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2196     | 35.77    | 0.0000 | 35.99          | 1.413     | 0.4264    | 50      | -0.15    | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0956     | 36.00    | 1.200  | 35.99          | 1.413     | 0.4264    | 50      | 0.01     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2190     | 36.01    | 0.2500 | 35.99          | 1.413     | 0.4264    | 50      | 0.01     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0357     | 36.05    | 0.0700 | 35.99          | 1.413     | 0.4264    | 50      | 0.04     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0968     | 36.12    | 0.6200 | 35.99          | 1.413     | 0.4264    | 50      | 0.09     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0148     | 36.16    | 0.8700 | 35.99          | 1.413     | 0.4264    | 50      | 0.12     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0066     | 36.34    | 0.5200 | 35.99          | 1.413     | 0.4264    | 50      | 0.25     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0294     | 36.49    | 0.0300 | 35.99          | 1.413     | 0.4264    | 50      | 0.35     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0366     | 36.50    | 0.2000 | 35.99          | 1.413     | 0.4264    | 50      | 0.36     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0848     | 36.52    | 0.0700 | 35.99          | 1.413     | 0.4264    | 50      | 0.37     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0948     | 36.72    | 0.4300 | 35.99          | 1.413     | 0.4264    | 50      | 0.52     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0190     | 36.73    | 0.0300 | 35.99          | 1.413     | 0.4264    | 50      | 0.52     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0726     | 36.73    | 0.0300 | 35.99          | 1.413     | 0.4264    | 50      | 0.52     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2345     | 37.29    | 1.350  | 35.99          | 1.413     | 0.4264    | 50      | 0.92     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0610     | 37.30    | 0.8000 | 35.99          | 1.413     | 0.4264    | 50      | 0.93     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0504     | 37.35    | 0.6800 | 35.99          | 1.413     | 0.4264    | 50      | 0.97     | 009.09 | 0    |

| Method Group | Analyte Group (Units)        | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|------------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                              |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 009          | Fiber, Neutral Detergent (%) | 0674     | 37.49    | 0.0000 | 35.99          | 1.413     | 0.4264    | 50      | 1.06     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0164     | 37.60    | 0.2000 | 35.99          | 1.413     | 0.4264    | 50      | 1.14     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0646     | 37.69    | 0.9200 | 35.99          | 1.413     | 0.4264    | 50      | 1.21     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0964     | 38.00    | 0.4220 | 35.99          | 1.413     | 0.4264    | 50      | 1.43     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2192     | 38.20    | 0.2000 | 35.99          | 1.413     | 0.4264    | 50      | 1.57     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0353     | 38.32    | 0.3700 | 35.99          | 1.413     | 0.4264    | 50      | 1.65     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0689     | 39.60    | 1.200  | 35.99          | 1.413     | 0.4264    | 50      | 2.56     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0619     | 39.70    | 0.4000 | 35.99          | 1.413     | 0.4264    | 50      | 2.63     | 009.09 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 2246     | 39.73    | 0.1500 | 35.99          | 1.413     | 0.4264    | 50      | 2.65     | 009.07 | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0045     | 34.05    | 5.500  | 35.99          | 1.413     | 0.4264    | 50      | -1.37    | 009.09 | 1    |
| 009          | Fiber, Neutral Detergent (%) | 2445     | 17.77    | 0.1800 | 35.99          | 1.413     | 0.4264    | 50      | -12.89   | 009.09 | 2    |
| 010          | Moisture (%)                 | 2443     | 6.586    | 0.2280 | 8.369          | 0.4932    | 0.0623    | 18      | -3.62    | 010.99 | 0    |
| 010          | Moisture (%)                 | 2363     | 7.550    | 0.1000 | 8.369          | 0.4932    | 0.0623    | 18      | -1.66    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0546     | 7.800    | 0.0400 | 8.369          | 0.4932    | 0.0623    | 18      | -1.15    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0622     | 7.871    | 0.0302 | 8.369          | 0.4932    | 0.0623    | 18      | -1.01    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0948     | 8.225    | 0.0100 | 8.369          | 0.4932    | 0.0623    | 18      | -0.29    | 010.99 | 0    |
| 010          | Moisture (%)                 | 2375     | 8.230    | 0.0200 | 8.369          | 0.4932    | 0.0623    | 18      | -0.28    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0726     | 8.270    | 0.0200 | 8.369          | 0.4932    | 0.0623    | 18      | -0.20    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0939     | 8.305    | 0.0300 | 8.369          | 0.4932    | 0.0623    | 18      | -0.13    | 010.99 | 0    |
| 010          | Moisture (%)                 | 0692     | 8.400    | 0.0000 | 8.369          | 0.4932    | 0.0623    | 18      | 0.06     | 010.99 | 0    |
| 010          | Moisture (%)                 | 0884     | 8.400    | 0.0000 | 8.369          | 0.4932    | 0.0623    | 18      | 0.06     | 010.99 | 0    |
| 010          | Moisture (%)                 | 2129     | 8.415    | 0.0400 | 8.369          | 0.4932    | 0.0623    | 18      | 0.09     | 010.99 | 0    |
| 010          | Moisture (%)                 | 0164     | 8.490    | 0.0600 | 8.369          | 0.4932    | 0.0623    | 18      | 0.25     | 010.03 | 0    |
| 010          | Moisture (%)                 | 2089     | 8.585    | 0.0500 | 8.369          | 0.4932    | 0.0623    | 18      | 0.44     | 010.99 | 0    |
| 010          | Moisture (%)                 | 0019     | 8.650    | 0.1600 | 8.369          | 0.4932    | 0.0623    | 18      | 0.57     | 010.99 | 0    |
| 010          | Moisture (%)                 | 2150     | 8.725    | 0.0900 | 8.369          | 0.4932    | 0.0623    | 18      | 0.72     | 010.99 | 0    |
| 010          | Moisture (%)                 | 0889     | 8.975    | 0.0300 | 8.369          | 0.4932    | 0.0623    | 18      | 1.23     | 010.11 | 0    |
| 010          | Moisture (%)                 | 0843     | 8.985    | 0.2900 | 8.369          | 0.4932    | 0.0623    | 18      | 1.25     | 010.03 | 0    |
| 010          | Moisture (%)                 | 0190     | 9.060    | 0.0600 | 8.369          | 0.4932    | 0.0623    | 18      | 1.40     | 010.99 | 0    |
| 010          | Moisture (%)                 | 2076     | 8.540    | 0.4000 | 8.369          | 0.4932    | 0.0623    | 18      | 0.35     | 010.99 | 1    |
| 011          | Loss on Drying, HT (%)       | 2200     | 7.750    | 0.1000 | 9.134          | 0.3328    | 0.0938    | 70      | -4.16    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2359     | 7.900    | 0.4000 | 9.134          | 0.3328    | 0.0938    | 70      | -3.71    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2450     | 7.965    | 0.1700 | 9.134          | 0.3328    | 0.0938    | 70      | -3.51    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2199     | 8.000    | 0.6000 | 9.134          | 0.3328    | 0.0938    | 70      | -3.41    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 0618     | 8.165    | 0.0900 | 9.134          | 0.3328    | 0.0938    | 70      | -2.91    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 0536     | 8.300    | 0.0400 | 9.134          | 0.3328    | 0.0938    | 70      | -2.51    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 0859     | 8.481    | 0.0290 | 9.134          | 0.3328    | 0.0938    | 70      | -1.96    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2174     | 8.600    | 0.2800 | 9.134          | 0.3328    | 0.0938    | 70      | -1.60    | 011.99 | 0    |
| 011          | Loss on Drying, HT (%)       | 2174     | 8.735    | 0.5500 | 9.134          | 0.3328    | 0.0938    | 70      | -1.20    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 0511     | 8.820    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | -0.94    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2181     | 8.830    | 0.1000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.91    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%)       | 2322     | 8.830    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.91    | 011.01 | 0    |



| Method Group | Analyte Group (Units)  | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                        |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 011          | Loss on Drying, HT (%) | 0968     | 8.875    | 0.0100 | 9.134          | 0.3328    | 0.0938    | 70      | -0.78    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2434     | 8.880    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.76    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0953     | 8.885    | 0.0900 | 9.134          | 0.3328    | 0.0938    | 70      | -0.75    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2168     | 8.895    | 0.0300 | 9.134          | 0.3328    | 0.0938    | 70      | -0.72    | 011.99 | 0    |
| 011          | Loss on Drying, HT (%) | 2340     | 8.914    | 0.0700 | 9.134          | 0.3328    | 0.0938    | 70      | -0.66    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0425     | 8.920    | 0.0400 | 9.134          | 0.3328    | 0.0938    | 70      | -0.64    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0848     | 8.935    | 0.0700 | 9.134          | 0.3328    | 0.0938    | 70      | -0.60    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0598     | 8.940    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | -0.58    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0723     | 8.940    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | -0.58    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2453     | 8.958    | 0.0850 | 9.134          | 0.3328    | 0.0938    | 70      | -0.53    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2303     | 8.990    | 0.1290 | 9.134          | 0.3328    | 0.0938    | 70      | -0.43    | 011.99 | 0    |
| 011          | Loss on Drying, HT (%) | 0100     | 8.990    | 0.1200 | 9.134          | 0.3328    | 0.0938    | 70      | -0.43    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2196     | 9.000    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.40    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0942     | 9.000    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | -0.40    | 011.02 | 0    |
| 011          | Loss on Drying, HT (%) | 0674     | 9.010    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.37    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0354     | 9.030    | 0.0400 | 9.134          | 0.3328    | 0.0938    | 70      | -0.31    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0646     | 9.035    | 0.3500 | 9.134          | 0.3328    | 0.0938    | 70      | -0.30    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0643     | 9.095    | 0.0100 | 9.134          | 0.3328    | 0.0938    | 70      | -0.12    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2184     | 9.095    | 0.0500 | 9.134          | 0.3328    | 0.0938    | 70      | -0.12    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0047     | 9.100    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.10    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2188     | 9.120    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.04    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0675     | 9.120    | 0.0800 | 9.134          | 0.3328    | 0.0938    | 70      | -0.04    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0226     | 9.125    | 0.0100 | 9.134          | 0.3328    | 0.0938    | 70      | -0.03    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2022     | 9.130    | 0.0400 | 9.134          | 0.3328    | 0.0938    | 70      | -0.01    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0682     | 9.130    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | -0.01    | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0539     | 9.165    | 0.3100 | 9.134          | 0.3328    | 0.0938    | 70      | 0.09     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2337     | 9.185    | 0.0300 | 9.134          | 0.3328    | 0.0938    | 70      | 0.15     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0574     | 9.195    | 0.0300 | 9.134          | 0.3328    | 0.0938    | 70      | 0.18     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0529     | 9.215    | 0.0500 | 9.134          | 0.3328    | 0.0938    | 70      | 0.24     | 011.02 | 0    |
| 011          | Loss on Drying, HT (%) | 2268     | 9.225    | 0.1700 | 9.134          | 0.3328    | 0.0938    | 70      | 0.27     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0098     | 9.235    | 0.3500 | 9.134          | 0.3328    | 0.0938    | 70      | 0.30     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2302     | 9.245    | 0.0500 | 9.134          | 0.3328    | 0.0938    | 70      | 0.33     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0164     | 9.260    | 0.1000 | 9.134          | 0.3328    | 0.0938    | 70      | 0.38     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2193     | 9.280    | 0.2000 | 9.134          | 0.3328    | 0.0938    | 70      | 0.44     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0066     | 9.290    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | 0.47     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0123     | 9.295    | 0.1300 | 9.134          | 0.3328    | 0.0938    | 70      | 0.48     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0263     | 9.308    | 0.0920 | 9.134          | 0.3328    | 0.0938    | 70      | 0.52     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0242     | 9.315    | 0.1100 | 9.134          | 0.3328    | 0.0938    | 70      | 0.54     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0358     | 9.355    | 0.0700 | 9.134          | 0.3328    | 0.0938    | 70      | 0.66     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2006     | 9.355    | 0.0100 | 9.134          | 0.3328    | 0.0938    | 70      | 0.66     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2246     | 9.360    | 0.0400 | 9.134          | 0.3328    | 0.0938    | 70      | 0.68     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0294     | 9.370    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | 0.71     | 011.01 | 0    |

| Method Group | Analyte Group (Units)  | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                        |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 011          | Loss on Drying, HT (%) | 0622     | 9.394    | 0.1328 | 9.134          | 0.3328    | 0.0938    | 70      | 0.78     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0171     | 9.395    | 0.0100 | 9.134          | 0.3328    | 0.0938    | 70      | 0.79     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2097     | 9.406    | 0.0485 | 9.134          | 0.3328    | 0.0938    | 70      | 0.82     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0144     | 9.415    | 0.1500 | 9.134          | 0.3328    | 0.0938    | 70      | 0.85     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0651     | 9.461    | 0.2220 | 9.134          | 0.3328    | 0.0938    | 70      | 0.98     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0229     | 9.475    | 0.0900 | 9.134          | 0.3328    | 0.0938    | 70      | 1.03     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0870     | 9.478    | 0.0860 | 9.134          | 0.3328    | 0.0938    | 70      | 1.03     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0202     | 9.505    | 0.3900 | 9.134          | 0.3328    | 0.0938    | 70      | 1.12     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 2057     | 9.524    | 0.0937 | 9.134          | 0.3328    | 0.0938    | 70      | 1.17     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0589     | 9.570    | 0.0600 | 9.134          | 0.3328    | 0.0938    | 70      | 1.31     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0004     | 9.580    | 0.0200 | 9.134          | 0.3328    | 0.0938    | 70      | 1.34     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0510     | 9.600    | 0.0000 | 9.134          | 0.3328    | 0.0938    | 70      | 1.40     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0108     | 9.615    | 0.0300 | 9.134          | 0.3328    | 0.0938    | 70      | 1.45     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0843     | 9.625    | 0.2300 | 9.134          | 0.3328    | 0.0938    | 70      | 1.48     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0407     | 9.886    | 0.0141 | 9.134          | 0.3328    | 0.0938    | 70      | 2.26     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 1019     | 11.07    | 0.1500 | 9.134          | 0.3328    | 0.0938    | 70      | 5.80     | 011.01 | 0    |
| 011          | Loss on Drying, HT (%) | 0541     | 8.155    | 2.490  | 9.134          | 0.3328    | 0.0938    | 70      | -2.94    | 011.01 | 1    |
| 012          | Starch (%)             | 0941     | 12.75    | 0.0000 | 15.39          | 1.116     | 0.2857    | 36      | -2.36    | 012.03 | 0    |
| 012          | Starch (%)             | 2196     | 13.30    | 0.0000 | 15.39          | 1.116     | 0.2857    | 36      | -1.87    | 012.00 | 0    |
| 012          | Starch (%)             | 0407     | 13.94    | 0.4640 | 15.39          | 1.116     | 0.2857    | 36      | -1.29    | 012.03 | 0    |
| 012          | Starch (%)             | 0676     | 14.03    | 0.3600 | 15.39          | 1.116     | 0.2857    | 36      | -1.22    | 012.01 | 0    |
| 012          | Starch (%)             | 0278     | 14.25    | 0.1000 | 15.39          | 1.116     | 0.2857    | 36      | -1.02    | 012.04 | 0    |
| 012          | Starch (%)             | 0870     | 14.36    | 0.2629 | 15.39          | 1.116     | 0.2857    | 36      | -0.92    | 012.01 | 0    |
| 012          | Starch (%)             | 0956     | 14.40    | 0.4000 | 15.39          | 1.116     | 0.2857    | 36      | -0.88    | 012.01 | 0    |
| 012          | Starch (%)             | 0366     | 14.40    | 0.2000 | 15.39          | 1.116     | 0.2857    | 36      | -0.88    | 012.01 | 0    |
| 012          | Starch (%)             | 2129     | 14.43    | 0.3810 | 15.39          | 1.116     | 0.2857    | 36      | -0.85    | 012.04 | 0    |
| 012          | Starch (%)             | 0407     | 14.64    | 0.2783 | 15.39          | 1.116     | 0.2857    | 36      | -0.67    | 012.01 | 0    |
| 012          | Starch (%)             | 0164     | 14.65    | 0.7000 | 15.39          | 1.116     | 0.2857    | 36      | -0.66    | 012.01 | 0    |
| 012          | Starch (%)             | 0510     | 14.80    | 0.2000 | 15.39          | 1.116     | 0.2857    | 36      | -0.53    | 012.04 | 0    |
| 012          | Starch (%)             | 0164     | 14.85    | 0.1000 | 15.39          | 1.116     | 0.2857    | 36      | -0.48    | 012.00 | 0    |
| 012          | Starch (%)             | 0226     | 14.86    | 0.4000 | 15.39          | 1.116     | 0.2857    | 36      | -0.47    | 012.04 | 0    |
| 012          | Starch (%)             | 0045     | 15.00    | 0.2000 | 15.39          | 1.116     | 0.2857    | 36      | -0.35    | 012.01 | 0    |
| 012          | Starch (%)             | 0148     | 15.05    | 0.7700 | 15.39          | 1.116     | 0.2857    | 36      | -0.31    | 012.01 | 0    |
| 012          | Starch (%)             | 0674     | 15.16    | 0.0000 | 15.39          | 1.116     | 0.2857    | 36      | -0.20    | 012.04 | 0    |
| 012          | Starch (%)             | 2193     | 15.24    | 0.0100 | 15.39          | 1.116     | 0.2857    | 36      | -0.14    | 012.00 | 0    |
| 012          | Starch (%)             | 0693     | 15.40    | 0.9410 | 15.39          | 1.116     | 0.2857    | 36      | 0.01     | 012.01 | 0    |
| 012          | Starch (%)             | 0098     | 15.70    | 0.8000 | 15.39          | 1.116     | 0.2857    | 36      | 0.28     | 012.04 | 0    |
| 012          | Starch (%)             | 0353     | 15.72    | 0.3200 | 15.39          | 1.116     | 0.2857    | 36      | 0.30     | 012.20 | 0    |
| 012          | Starch (%)             | 2009     | 15.88    | 0.2158 | 15.39          | 1.116     | 0.2857    | 36      | 0.45     | 012.00 | 0    |
| 012          | Starch (%)             | 2195     | 15.91    | 0.1500 | 15.39          | 1.116     | 0.2857    | 36      | 0.46     | 012.00 | 0    |
| 012          | Starch (%)             | 0689     | 15.95    | 0.5000 | 15.39          | 1.116     | 0.2857    | 36      | 0.50     | 012.00 | 0    |
| 012          | Starch (%)             | 0848     | 16.02    | 0.0900 | 15.39          | 1.116     | 0.2857    | 36      | 0.56     | 012.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 012          | Starch (%)            | 2319     | 16.10    | 0.2000 | 15.39          | 1.116     | 0.2857    | 36      | 0.64     | 012.99 | 0    |
| 012          | Starch (%)            | 0354     | 16.23    | 0.0400 | 15.39          | 1.116     | 0.2857    | 36      | 0.76     | 012.00 | 0    |
| 012          | Starch (%)            | 0610     | 16.30    | 0.4000 | 15.39          | 1.116     | 0.2857    | 36      | 0.82     | 012.00 | 0    |
| 012          | Starch (%)            | 2192     | 16.40    | 0.6300 | 15.39          | 1.116     | 0.2857    | 36      | 0.90     | 012.00 | 0    |
| 012          | Starch (%)            | 2188     | 16.43    | 0.0200 | 15.39          | 1.116     | 0.2857    | 36      | 0.93     | 012.00 | 0    |
| 012          | Starch (%)            | 0619     | 16.45    | 0.1000 | 15.39          | 1.116     | 0.2857    | 36      | 0.95     | 012.00 | 0    |
| 012          | Starch (%)            | 0723     | 16.64    | 0.2800 | 15.39          | 1.116     | 0.2857    | 36      | 1.12     | 012.00 | 0    |
| 012          | Starch (%)            | 0910     | 16.65    | 0.3000 | 15.39          | 1.116     | 0.2857    | 36      | 1.13     | 012.00 | 0    |
| 012          | Starch (%)            | 2006     | 16.66    | 0.2500 | 15.39          | 1.116     | 0.2857    | 36      | 1.14     | 012.00 | 0    |
| 012          | Starch (%)            | 0889     | 16.97    | 0.1200 | 15.39          | 1.116     | 0.2857    | 36      | 1.42     | 012.11 | 0    |
| 012          | Starch (%)            | 2089     | 17.86    | 0.0700 | 15.39          | 1.116     | 0.2857    | 36      | 2.21     | 012.01 | 0    |
| 012          | Starch (%)            | 0910     | 14.40    | 1.600  | 15.39          | 1.116     | 0.2857    | 36      | -0.88    | 012.01 | 1    |
| 013          | Fat, Pretreat (%)     | 0618     | 1.655    | 0.0100 | 4.122          | 0.6541    | 0.1026    | 44      | -3.77    | 013.08 | 0    |
| 013          | Fat, Pretreat (%)     | 0618     | 2.870    | 0.0200 | 4.122          | 0.6541    | 0.1026    | 44      | -1.91    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0914     | 3.265    | 0.2100 | 4.122          | 0.6541    | 0.1026    | 44      | -1.31    | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0939     | 3.435    | 0.0300 | 4.122          | 0.6541    | 0.1026    | 44      | -1.05    | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0038     | 3.440    | 0.0200 | 4.122          | 0.6541    | 0.1026    | 44      | -1.04    | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 2146     | 3.450    | 0.0400 | 4.122          | 0.6541    | 0.1026    | 44      | -1.03    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2144     | 3.480    | 0.1000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.98    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0650     | 3.550    | 0.3200 | 4.122          | 0.6541    | 0.1026    | 44      | -0.87    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2076     | 3.564    | 0.0009 | 4.122          | 0.6541    | 0.1026    | 44      | -0.85    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2129     | 3.599    | 0.0955 | 4.122          | 0.6541    | 0.1026    | 44      | -0.80    | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0682     | 3.600    | 0.0000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.80    | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0941     | 3.655    | 0.1500 | 4.122          | 0.6541    | 0.1026    | 44      | -0.71    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0009     | 3.690    | 0.2000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.66    | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0675     | 3.695    | 0.0100 | 4.122          | 0.6541    | 0.1026    | 44      | -0.65    | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 2345     | 3.725    | 0.1700 | 4.122          | 0.6541    | 0.1026    | 44      | -0.61    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2319     | 3.800    | 0.2000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.49    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2196     | 3.880    | 0.0000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.37    | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0689     | 3.900    | 0.2000 | 4.122          | 0.6541    | 0.1026    | 44      | -0.34    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 2268     | 3.910    | 0.0600 | 4.122          | 0.6541    | 0.1026    | 44      | -0.32    | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0083     | 3.975    | 0.0700 | 4.122          | 0.6541    | 0.1026    | 44      | -0.22    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0610     | 4.010    | 0.0400 | 4.122          | 0.6541    | 0.1026    | 44      | -0.17    | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0036     | 4.058    | 0.1407 | 4.122          | 0.6541    | 0.1026    | 44      | -0.10    | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0229     | 4.100    | 0.0800 | 4.122          | 0.6541    | 0.1026    | 44      | -0.03    | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0098     | 4.140    | 0.0000 | 4.122          | 0.6541    | 0.1026    | 44      | 0.03     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0353     | 4.160    | 0.2600 | 4.122          | 0.6541    | 0.1026    | 44      | 0.06     | 013.10 | 0    |
| 013          | Fat, Pretreat (%)     | 0870     | 4.242    | 0.1122 | 4.122          | 0.6541    | 0.1026    | 44      | 0.18     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0884     | 4.250    | 0.1000 | 4.122          | 0.6541    | 0.1026    | 44      | 0.20     | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0968     | 4.330    | 0.0800 | 4.122          | 0.6541    | 0.1026    | 44      | 0.32     | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0948     | 4.400    | 0.0800 | 4.122          | 0.6541    | 0.1026    | 44      | 0.43     | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0354     | 4.410    | 0.0400 | 4.122          | 0.6541    | 0.1026    | 44      | 0.44     | 013.13 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 013          | Fat, Pretreat (%)     | 0242     | 4.500    | 0.3400 | 4.122          | 0.6541    | 0.1026    | 44      | 0.58     | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0164     | 4.525    | 0.1500 | 4.122          | 0.6541    | 0.1026    | 44      | 0.62     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0148     | 4.535    | 0.0900 | 4.122          | 0.6541    | 0.1026    | 44      | 0.63     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0853     | 4.550    | 0.1000 | 4.122          | 0.6541    | 0.1026    | 44      | 0.65     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0202     | 4.670    | 0.5000 | 4.122          | 0.6541    | 0.1026    | 44      | 0.84     | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0921     | 4.697    | 0.0460 | 4.122          | 0.6541    | 0.1026    | 44      | 0.88     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 2150     | 4.800    | 0.1200 | 4.122          | 0.6541    | 0.1026    | 44      | 1.04     | 013.00 | 0    |
| 013          | Fat, Pretreat (%)     | 0407     | 4.844    | 0.0026 | 4.122          | 0.6541    | 0.1026    | 44      | 1.10     | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 2057     | 4.901    | 0.1476 | 4.122          | 0.6541    | 0.1026    | 44      | 1.19     | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0643     | 4.960    | 0.0400 | 4.122          | 0.6541    | 0.1026    | 44      | 1.28     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 2259     | 5.080    | 0.0260 | 4.122          | 0.6541    | 0.1026    | 44      | 1.46     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0407     | 5.268    | 0.0250 | 4.122          | 0.6541    | 0.1026    | 44      | 1.75     | 013.02 | 0    |
| 013          | Fat, Pretreat (%)     | 0876     | 5.280    | 0.0400 | 4.122          | 0.6541    | 0.1026    | 44      | 1.77     | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0843     | 5.695    | 0.2300 | 4.122          | 0.6541    | 0.1026    | 44      | 2.41     | 013.13 | 0    |
| 013          | Fat, Pretreat (%)     | 0541     | 4.540    | 0.5600 | 4.122          | 0.6541    | 0.1026    | 44      | 0.64     | 013.00 | 1    |
| 015          | Aluminum (ppm)        | 0171     | 22.80    | 1.000  | 98.60          | 47.23     | 3.015     | 15      | -1.60    | 015.41 | 0    |
| 015          | Aluminum (ppm)        | 0692     | 37.50    | 3.000  | 98.60          | 47.23     | 3.015     | 15      | -1.29    | 015.42 | 0    |
| 015          | Aluminum (ppm)        | 0037     | 44.95    | 0.1000 | 98.60          | 47.23     | 3.015     | 15      | -1.14    | 015.42 | 0    |
| 015          | Aluminum (ppm)        | 2129     | 63.88    | 3.930  | 98.60          | 47.23     | 3.015     | 15      | -0.74    | 015.42 | 0    |
| 015          | Aluminum (ppm)        | 0123     | 64.10    | 1.000  | 98.60          | 47.23     | 3.015     | 15      | -0.73    | 015.99 | 0    |
| 015          | Aluminum (ppm)        | 0510     | 86.50    | 1.000  | 98.60          | 47.23     | 3.015     | 15      | -0.26    | 015.43 | 0    |
| 015          | Aluminum (ppm)        | 0049     | 99.13    | 6.790  | 98.60          | 47.23     | 3.015     | 15      | 0.01     | 015.41 | 0    |
| 015          | Aluminum (ppm)        | 0164     | 123.5    | 3.000  | 98.60          | 47.23     | 3.015     | 15      | 0.53     | 015.41 | 0    |
| 015          | Aluminum (ppm)        | 0407     | 123.8    | 0.8528 | 98.60          | 47.23     | 3.015     | 15      | 0.53     | 015.41 | 0    |
| 015          | Aluminum (ppm)        | 0169     | 124.5    | 1.000  | 98.60          | 47.23     | 3.015     | 15      | 0.55     | 015.43 | 0    |
| 015          | Aluminum (ppm)        | 0407     | 124.7    | 3.138  | 98.60          | 47.23     | 3.015     | 15      | 0.55     | 015.43 | 0    |
| 015          | Aluminum (ppm)        | 0939     | 127.0    | 6.000  | 98.60          | 47.23     | 3.015     | 15      | 0.60     | 015.53 | 0    |
| 015          | Aluminum (ppm)        | 0407     | 129.5    | 4.966  | 98.60          | 47.23     | 3.015     | 15      | 0.66     | 015.53 | 0    |
| 015          | Aluminum (ppm)        | 0876     | 140.1    | 2.570  | 98.60          | 47.23     | 3.015     | 15      | 0.88     | 015.43 | 0    |
| 015          | Aluminum (ppm)        | 0353     | 162.0    | 8.000  | 98.60          | 47.23     | 3.015     | 15      | 1.34     | 015.43 | 0    |
| 017          | Boron (ppm)           | 0693     | 5.141    | 0.2820 | 5.857          | 0.5763    | 0.3163    | 15      | -1.24    | 017.42 | 0    |
| 017          | Boron (ppm)           | 0358     | 5.270    | 0.0000 | 5.857          | 0.5763    | 0.3163    | 15      | -1.02    | 017.41 | 0    |
| 017          | Boron (ppm)           | 0045     | 5.320    | 0.4000 | 5.857          | 0.5763    | 0.3163    | 15      | -0.93    | 017.42 | 0    |
| 017          | Boron (ppm)           | 0229     | 5.330    | 0.7200 | 5.857          | 0.5763    | 0.3163    | 15      | -0.92    | 017.41 | 0    |
| 017          | Boron (ppm)           | 0049     | 5.440    | 1.300  | 5.857          | 0.5763    | 0.3163    | 15      | -0.72    | 017.41 | 0    |
| 017          | Boron (ppm)           | 0407     | 5.693    | 0.1470 | 5.857          | 0.5763    | 0.3163    | 15      | -0.29    | 017.53 | 0    |
| 017          | Boron (ppm)           | 0037     | 5.750    | 0.3000 | 5.857          | 0.5763    | 0.3163    | 15      | -0.19    | 017.42 | 0    |
| 017          | Boron (ppm)           | 0294     | 5.880    | 0.1800 | 5.857          | 0.5763    | 0.3163    | 15      | 0.04     | 017.42 | 0    |
| 017          | Boron (ppm)           | 0407     | 5.955    | 0.0747 | 5.857          | 0.5763    | 0.3163    | 15      | 0.17     | 017.41 | 0    |
| 017          | Boron (ppm)           | 0407     | 5.971    | 0.1168 | 5.857          | 0.5763    | 0.3163    | 15      | 0.20     | 017.43 | 0    |
| 017          | Boron (ppm)           | 0353     | 6.000    | 0.0000 | 5.857          | 0.5763    | 0.3163    | 15      | 0.25     | 017.43 | 0    |
| 017          | Boron (ppm)           | 2129     | 6.239    | 0.2100 | 5.857          | 0.5763    | 0.3163    | 15      | 0.66     | 017.42 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 017          | Boron (ppm)           | 0510     | 6.500    | 1.000  | 5.857          | 0.5763    | 0.3163    | 15      | 1.12     | 017.43 | 0    |
| 017          | Boron (ppm)           | 0083     | 6.650    | 0.1000 | 5.857          | 0.5763    | 0.3163    | 15      | 1.38     | 017.43 | 0    |
| 017          | Boron (ppm)           | 0226     | 7.230    | 0.0200 | 5.857          | 0.5763    | 0.3163    | 15      | 2.38     | 017.41 | 0    |
| 019          | Calcium (%)           | 2443     | 1.419    | 0.0350 | 2.280          | 0.1055    | 0.0464    | 114     | -8.16    | 019.43 | 0    |
| 019          | Calcium (%)           | 0018     | 1.890    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -3.69    | 019.31 | 0    |
| 019          | Calcium (%)           | 0358     | 2.035    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -2.32    | 019.41 | 0    |
| 019          | Calcium (%)           | 2129     | 2.053    | 0.0490 | 2.280          | 0.1055    | 0.0464    | 114     | -2.15    | 019.42 | 0    |
| 019          | Calcium (%)           | 0357     | 2.102    | 0.1047 | 2.280          | 0.1055    | 0.0464    | 114     | -1.68    | 019.42 | 0    |
| 019          | Calcium (%)           | 0123     | 2.110    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -1.61    | 019.99 | 0    |
| 019          | Calcium (%)           | 0889     | 2.120    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -1.51    | 019.99 | 0    |
| 019          | Calcium (%)           | 0047     | 2.130    | 0.0600 | 2.280          | 0.1055    | 0.0464    | 114     | -1.42    | 019.52 | 0    |
| 019          | Calcium (%)           | 0723     | 2.143    | 0.0268 | 2.280          | 0.1055    | 0.0464    | 114     | -1.30    | 019.41 | 0    |
| 019          | Calcium (%)           | 0676     | 2.150    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -1.23    | 019.99 | 0    |
| 019          | Calcium (%)           | 2259     | 2.151    | 0.0310 | 2.280          | 0.1055    | 0.0464    | 114     | -1.22    | 019.41 | 0    |
| 019          | Calcium (%)           | 0038     | 2.155    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | -1.18    | 019.31 | 0    |
| 019          | Calcium (%)           | 0066     | 2.155    | 0.0500 | 2.280          | 0.1055    | 0.0464    | 114     | -1.18    | 019.41 | 0    |
| 019          | Calcium (%)           | 0164     | 2.155    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -1.18    | 019.44 | 0    |
| 019          | Calcium (%)           | 2450     | 2.160    | 0.1600 | 2.280          | 0.1055    | 0.0464    | 114     | -1.13    | 019.00 | 0    |
| 019          | Calcium (%)           | 0033     | 2.160    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | -1.13    | 019.43 | 0    |
| 019          | Calcium (%)           | 2006     | 2.161    | 0.0490 | 2.280          | 0.1055    | 0.0464    | 114     | -1.13    | 019.09 | 0    |
| 019          | Calcium (%)           | 0300     | 2.164    | 0.1508 | 2.280          | 0.1055    | 0.0464    | 114     | -1.10    | 019.43 | 0    |
| 019          | Calcium (%)           | 0263     | 2.171    | 0.0220 | 2.280          | 0.1055    | 0.0464    | 114     | -1.03    | 019.42 | 0    |
| 019          | Calcium (%)           | 2006     | 2.173    | 0.0460 | 2.280          | 0.1055    | 0.0464    | 114     | -1.01    | 019.00 | 0    |
| 019          | Calcium (%)           | 0049     | 2.180    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -0.95    | 019.41 | 0    |
| 019          | Calcium (%)           | 0536     | 2.200    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.76    | 019.31 | 0    |
| 019          | Calcium (%)           | 0687     | 2.200    | 0.2000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.76    | 019.31 | 0    |
| 019          | Calcium (%)           | 0921     | 2.203    | 0.1240 | 2.280          | 0.1055    | 0.0464    | 114     | -0.73    | 019.31 | 0    |
| 019          | Calcium (%)           | 2200     | 2.210    | 0.0600 | 2.280          | 0.1055    | 0.0464    | 114     | -0.66    | 019.08 | 0    |
| 019          | Calcium (%)           | 0354     | 2.213    | 0.0140 | 2.280          | 0.1055    | 0.0464    | 114     | -0.63    | 019.41 | 0    |
| 019          | Calcium (%)           | 2337     | 2.215    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.61    | 019.08 | 0    |
| 019          | Calcium (%)           | 0014     | 2.215    | 0.1500 | 2.280          | 0.1055    | 0.0464    | 114     | -0.61    | 019.31 | 0    |
| 019          | Calcium (%)           | 2192     | 2.215    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.61    | 019.43 | 0    |
| 019          | Calcium (%)           | 0186     | 2.220    | 0.0482 | 2.280          | 0.1055    | 0.0464    | 114     | -0.57    | 019.42 | 0    |
| 019          | Calcium (%)           | 0590     | 2.220    | 0.0600 | 2.280          | 0.1055    | 0.0464    | 114     | -0.57    | 019.08 | 0    |
| 019          | Calcium (%)           | 2195     | 2.220    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -0.57    | 019.08 | 0    |
| 019          | Calcium (%)           | 2114     | 2.223    | 0.0277 | 2.280          | 0.1055    | 0.0464    | 114     | -0.54    | 019.41 | 0    |
| 019          | Calcium (%)           | 2319     | 2.225    | 0.0700 | 2.280          | 0.1055    | 0.0464    | 114     | -0.52    | 019.42 | 0    |
| 019          | Calcium (%)           | 0646     | 2.225    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | -0.52    | 019.31 | 0    |
| 019          | Calcium (%)           | 0083     | 2.230    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | -0.47    | 019.43 | 0    |
| 019          | Calcium (%)           | 0242     | 2.230    | 0.1000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.47    | 019.99 | 0    |
| 019          | Calcium (%)           | 0004     | 2.235    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.42    | 019.41 | 0    |
| 019          | Calcium (%)           | 2097     | 2.236    | 0.1534 | 2.280          | 0.1055    | 0.0464    | 114     | -0.41    | 019.31 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 019          | Calcium (%)           | 2193     | 2.240    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.38    | 019.08 | 0    |
| 019          | Calcium (%)           | 2022     | 2.240    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.38    | 019.31 | 0    |
| 019          | Calcium (%)           | 2246     | 2.240    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | -0.38    | 019.31 | 0    |
| 019          | Calcium (%)           | 0148     | 2.240    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -0.38    | 019.41 | 0    |
| 019          | Calcium (%)           | 0651     | 2.241    | 0.1585 | 2.280          | 0.1055    | 0.0464    | 114     | -0.37    | 019.31 | 0    |
| 019          | Calcium (%)           | 0622     | 2.249    | 0.0444 | 2.280          | 0.1055    | 0.0464    | 114     | -0.29    | 019.31 | 0    |
| 019          | Calcium (%)           | 0884     | 2.250    | 0.0800 | 2.280          | 0.1055    | 0.0464    | 114     | -0.28    | 019.31 | 0    |
| 019          | Calcium (%)           | 0692     | 2.250    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | -0.28    | 019.42 | 0    |
| 019          | Calcium (%)           | 0505     | 2.250    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | -0.28    | 019.43 | 0    |
| 019          | Calcium (%)           | 2340     | 2.251    | 0.0360 | 2.280          | 0.1055    | 0.0464    | 114     | -0.27    | 019.08 | 0    |
| 019          | Calcium (%)           | 2089     | 2.255    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.23    | 019.43 | 0    |
| 019          | Calcium (%)           | 2445     | 2.255    | 0.0500 | 2.280          | 0.1055    | 0.0464    | 114     | -0.23    | 019.44 | 0    |
| 019          | Calcium (%)           | 0100     | 2.255    | 0.0900 | 2.280          | 0.1055    | 0.0464    | 114     | -0.23    | 019.99 | 0    |
| 019          | Calcium (%)           | 0693     | 2.260    | 0.0670 | 2.280          | 0.1055    | 0.0464    | 114     | -0.19    | 019.42 | 0    |
| 019          | Calcium (%)           | 0511     | 2.260    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | -0.19    | 019.43 | 0    |
| 019          | Calcium (%)           | 2144     | 2.265    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.14    | 019.00 | 0    |
| 019          | Calcium (%)           | 0939     | 2.265    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | -0.14    | 019.31 | 0    |
| 019          | Calcium (%)           | 0098     | 2.265    | 0.1100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.14    | 019.41 | 0    |
| 019          | Calcium (%)           | 0010     | 2.265    | 0.0700 | 2.280          | 0.1055    | 0.0464    | 114     | -0.14    | 019.43 | 0    |
| 019          | Calcium (%)           | 2144     | 2.265    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | -0.14    | 019.99 | 0    |
| 019          | Calcium (%)           | 0035     | 2.270    | 0.0600 | 2.280          | 0.1055    | 0.0464    | 114     | -0.09    | 019.43 | 0    |
| 019          | Calcium (%)           | 0186     | 2.280    | 0.0062 | 2.280          | 0.1055    | 0.0464    | 114     | 0.00     | 019.52 | 0    |
| 019          | Calcium (%)           | 0036     | 2.281    | 0.0639 | 2.280          | 0.1055    | 0.0464    | 114     | 0.02     | 019.43 | 0    |
| 019          | Calcium (%)           | 0910     | 2.285    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | 0.05     | 019.41 | 0    |
| 019          | Calcium (%)           | 0598     | 2.289    | 0.0126 | 2.280          | 0.1055    | 0.0464    | 114     | 0.08     | 019.41 | 0    |
| 019          | Calcium (%)           | 2190     | 2.289    | 0.0037 | 2.280          | 0.1055    | 0.0464    | 114     | 0.09     | 019.00 | 0    |
| 019          | Calcium (%)           | 0108     | 2.300    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.19     | 019.31 | 0    |
| 019          | Calcium (%)           | 0045     | 2.300    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | 0.19     | 019.42 | 0    |
| 019          | Calcium (%)           | 0001     | 2.310    | 0.0310 | 2.280          | 0.1055    | 0.0464    | 114     | 0.28     | 019.31 | 0    |
| 019          | Calcium (%)           | 0529     | 2.310    | 0.0600 | 2.280          | 0.1055    | 0.0464    | 114     | 0.29     | 019.31 | 0    |
| 019          | Calcium (%)           | 0353     | 2.310    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.29     | 019.43 | 0    |
| 019          | Calcium (%)           | 0278     | 2.315    | 0.1500 | 2.280          | 0.1055    | 0.0464    | 114     | 0.33     | 019.42 | 0    |
| 019          | Calcium (%)           | 0407     | 2.318    | 0.0094 | 2.280          | 0.1055    | 0.0464    | 114     | 0.36     | 019.41 | 0    |
| 019          | Calcium (%)           | 2199     | 2.320    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.38     | 019.08 | 0    |
| 019          | Calcium (%)           | 0674     | 2.320    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.38     | 019.41 | 0    |
| 019          | Calcium (%)           | 0226     | 2.320    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | 0.38     | 019.43 | 0    |
| 019          | Calcium (%)           | 0169     | 2.325    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | 0.43     | 019.32 | 0    |
| 019          | Calcium (%)           | 2146     | 2.330    | 0.1200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.48     | 019.00 | 0    |
| 019          | Calcium (%)           | 2196     | 2.330    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.48     | 019.08 | 0    |
| 019          | Calcium (%)           | 0948     | 2.330    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.48     | 019.31 | 0    |
| 019          | Calcium (%)           | 2009     | 2.336    | 0.0077 | 2.280          | 0.1055    | 0.0464    | 114     | 0.53     | 019.08 | 0    |
| 019          | Calcium (%)           | 0610     | 2.340    | 0.0800 | 2.280          | 0.1055    | 0.0464    | 114     | 0.57     | 019.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 019          | Calcium (%)           | 0682     | 2.340    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.57     | 019.43 | 0    |
| 019          | Calcium (%)           | 0019     | 2.345    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | 0.62     | 019.41 | 0    |
| 019          | Calcium (%)           | 0675     | 2.345    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | 0.62     | 019.43 | 0    |
| 019          | Calcium (%)           | 2196     | 2.350    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.67     | 019.31 | 0    |
| 019          | Calcium (%)           | 0144     | 2.355    | 0.1700 | 2.280          | 0.1055    | 0.0464    | 114     | 0.71     | 019.41 | 0    |
| 019          | Calcium (%)           | 2302     | 2.360    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.76     | 019.00 | 0    |
| 019          | Calcium (%)           | 0229     | 2.360    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.76     | 019.41 | 0    |
| 019          | Calcium (%)           | 2146     | 2.360    | 0.1200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.76     | 019.51 | 0    |
| 019          | Calcium (%)           | 0939     | 2.360    | 0.0400 | 2.280          | 0.1055    | 0.0464    | 114     | 0.76     | 019.53 | 0    |
| 019          | Calcium (%)           | 0154     | 2.365    | 0.1006 | 2.280          | 0.1055    | 0.0464    | 114     | 0.81     | 019.52 | 0    |
| 019          | Calcium (%)           | 0870     | 2.370    | 0.0590 | 2.280          | 0.1055    | 0.0464    | 114     | 0.85     | 019.43 | 0    |
| 019          | Calcium (%)           | 2188     | 2.370    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 0.86     | 019.08 | 0    |
| 019          | Calcium (%)           | 0098     | 2.370    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.86     | 019.43 | 0    |
| 019          | Calcium (%)           | 0294     | 2.375    | 0.0700 | 2.280          | 0.1055    | 0.0464    | 114     | 0.90     | 019.42 | 0    |
| 019          | Calcium (%)           | 0510     | 2.380    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 0.95     | 019.43 | 0    |
| 019          | Calcium (%)           | 0968     | 2.384    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | 0.99     | 019.43 | 0    |
| 019          | Calcium (%)           | 0037     | 2.386    | 0.0280 | 2.280          | 0.1055    | 0.0464    | 114     | 1.01     | 019.42 | 0    |
| 019          | Calcium (%)           | 0619     | 2.395    | 0.0500 | 2.280          | 0.1055    | 0.0464    | 114     | 1.09     | 019.41 | 0    |
| 019          | Calcium (%)           | 0190     | 2.395    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | 1.09     | 019.42 | 0    |
| 019          | Calcium (%)           | 0042     | 2.415    | 0.0300 | 2.280          | 0.1055    | 0.0464    | 114     | 1.28     | 019.42 | 0    |
| 019          | Calcium (%)           | 2434     | 2.420    | 0.0000 | 2.280          | 0.1055    | 0.0464    | 114     | 1.33     | 019.08 | 0    |
| 019          | Calcium (%)           | 0366     | 2.420    | 0.1800 | 2.280          | 0.1055    | 0.0464    | 114     | 1.33     | 019.42 | 0    |
| 019          | Calcium (%)           | 0171     | 2.430    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 1.42     | 019.41 | 0    |
| 019          | Calcium (%)           | 0226     | 2.455    | 0.0700 | 2.280          | 0.1055    | 0.0464    | 114     | 1.66     | 019.41 | 0    |
| 019          | Calcium (%)           | 0407     | 2.481    | 0.0163 | 2.280          | 0.1055    | 0.0464    | 114     | 1.91     | 019.53 | 0    |
| 019          | Calcium (%)           | 0848     | 2.490    | 0.1600 | 2.280          | 0.1055    | 0.0464    | 114     | 1.99     | 019.41 | 0    |
| 019          | Calcium (%)           | 0870     | 2.505    | 0.1530 | 2.280          | 0.1055    | 0.0464    | 114     | 2.13     | 019.42 | 0    |
| 019          | Calcium (%)           | 0407     | 2.544    | 0.0122 | 2.280          | 0.1055    | 0.0464    | 114     | 2.50     | 019.43 | 0    |
| 019          | Calcium (%)           | 0689     | 2.580    | 0.0200 | 2.280          | 0.1055    | 0.0464    | 114     | 2.85     | 019.08 | 0    |
| 019          | Calcium (%)           | 2322     | 2.605    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | 3.08     | 019.43 | 0    |
| 019          | Calcium (%)           | 0726     | 2.615    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | 3.18     | 019.42 | 0    |
| 019          | Calcium (%)           | 0876     | 2.750    | 0.1000 | 2.280          | 0.1055    | 0.0464    | 114     | 4.46     | 019.43 | 0    |
| 019          | Calcium (%)           | 2375     | 2.775    | 0.0100 | 2.280          | 0.1055    | 0.0464    | 114     | 4.69     | 019.42 | 0    |
| 019          | Calcium (%)           | 0009     | 2.405    | 0.3407 | 2.280          | 0.1055    | 0.0464    | 114     | 1.19     | 019.42 | 1    |
| 019          | Calcium (%)           | 0202     | 2.485    | 0.2700 | 2.280          | 0.1055    | 0.0464    | 114     | 1.95     | 019.43 | 1    |
| 021          | Cobalt (ppm)          | 0619     | 0.6125   | 0.0090 | 1.333          | 0.3964    | 0.0557    | 19      | -1.82    | 021.41 | 0    |
| 021          | Cobalt (ppm)          | 0910     | 0.7250   | 0.0900 | 1.333          | 0.3964    | 0.0557    | 19      | -1.53    | 021.52 | 0    |
| 021          | Cobalt (ppm)          | 0186     | 0.7823   | 0.0312 | 1.333          | 0.3964    | 0.0557    | 19      | -1.39    | 021.52 | 0    |
| 021          | Cobalt (ppm)          | 0510     | 1.035    | 0.0100 | 1.333          | 0.3964    | 0.0557    | 19      | -0.75    | 021.43 | 0    |
| 021          | Cobalt (ppm)          | 0047     | 1.045    | 0.1100 | 1.333          | 0.3964    | 0.0557    | 19      | -0.73    | 021.52 | 0    |
| 021          | Cobalt (ppm)          | 0939     | 1.140    | 0.0600 | 1.333          | 0.3964    | 0.0557    | 19      | -0.49    | 021.31 | 0    |
| 021          | Cobalt (ppm)          | 0045     | 1.310    | 0.0800 | 1.333          | 0.3964    | 0.0557    | 19      | -0.06    | 021.42 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 021          | Cobalt (ppm)          | 0123     | 1.310    | 0.0200 | 1.333          | 0.3964    | 0.0557    | 19      | -0.06    | 021.99 | 0    |
| 021          | Cobalt (ppm)          | 0407     | 1.340    | 0.0477 | 1.333          | 0.3964    | 0.0557    | 19      | 0.02     | 021.53 | 0    |
| 021          | Cobalt (ppm)          | 0939     | 1.345    | 0.0300 | 1.333          | 0.3964    | 0.0557    | 19      | 0.03     | 021.53 | 0    |
| 021          | Cobalt (ppm)          | 0682     | 1.400    | 0.0000 | 1.333          | 0.3964    | 0.0557    | 19      | 0.17     | 021.43 | 0    |
| 021          | Cobalt (ppm)          | 0148     | 1.480    | 0.0400 | 1.333          | 0.3964    | 0.0557    | 19      | 0.37     | 021.41 | 0    |
| 021          | Cobalt (ppm)          | 0610     | 1.480    | 0.1000 | 1.333          | 0.3964    | 0.0557    | 19      | 0.37     | 021.53 | 0    |
| 021          | Cobalt (ppm)          | 0407     | 1.525    | 0.0031 | 1.333          | 0.3964    | 0.0557    | 19      | 0.48     | 021.41 | 0    |
| 021          | Cobalt (ppm)          | 0027     | 1.537    | 0.0600 | 1.333          | 0.3964    | 0.0557    | 19      | 0.51     | 021.43 | 0    |
| 021          | Cobalt (ppm)          | 0407     | 1.654    | 0.0960 | 1.333          | 0.3964    | 0.0557    | 19      | 0.81     | 021.43 | 0    |
| 021          | Cobalt (ppm)          | 0164     | 1.700    | 0.0000 | 1.333          | 0.3964    | 0.0557    | 19      | 0.93     | 021.41 | 0    |
| 021          | Cobalt (ppm)          | 0066     | 1.845    | 0.0410 | 1.333          | 0.3964    | 0.0557    | 19      | 1.29     | 021.41 | 0    |
| 021          | Cobalt (ppm)          | 0169     | 2.995    | 0.1300 | 1.333          | 0.3964    | 0.0557    | 19      | 4.19     | 021.43 | 0    |
| 021          | Cobalt (ppm)          | 0366     | 1.300    | 0.4000 | 1.333          | 0.3964    | 0.0557    | 19      | -0.08    | 021.42 | 1    |
| 022          | Copper (ppm)          | 0171     | 3.215    | 0.9700 | 22.99          | 4.487     | 0.8331    | 83      | -4.41    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0536     | 5.675    | 0.6500 | 22.99          | 4.487     | 0.8331    | 83      | -3.86    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0619     | 14.80    | 2.200  | 22.99          | 4.487     | 0.8331    | 83      | -1.83    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0229     | 14.96    | 0.3000 | 22.99          | 4.487     | 0.8331    | 83      | -1.79    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0354     | 15.95    | 0.0100 | 22.99          | 4.487     | 0.8331    | 83      | -1.57    | 022.41 | 0    |
| 022          | Copper (ppm)          | 2195     | 16.17    | 0.4900 | 22.99          | 4.487     | 0.8331    | 83      | -1.52    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0590     | 16.20    | 0.8000 | 22.99          | 4.487     | 0.8331    | 83      | -1.51    | 022.99 | 0    |
| 022          | Copper (ppm)          | 0049     | 16.25    | 1.410  | 22.99          | 4.487     | 0.8331    | 83      | -1.50    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0004     | 16.34    | 0.2900 | 22.99          | 4.487     | 0.8331    | 83      | -1.48    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0848     | 16.41    | 0.2700 | 22.99          | 4.487     | 0.8331    | 83      | -1.47    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0038     | 16.70    | 1.400  | 22.99          | 4.487     | 0.8331    | 83      | -1.40    | 022.32 | 0    |
| 022          | Copper (ppm)          | 0358     | 17.18    | 0.4300 | 22.99          | 4.487     | 0.8331    | 83      | -1.30    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0598     | 17.21    | 0.9525 | 22.99          | 4.487     | 0.8331    | 83      | -1.29    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0921     | 17.62    | 3.070  | 22.99          | 4.487     | 0.8331    | 83      | -1.20    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0674     | 18.20    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | -1.07    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0001     | 18.31    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | -1.04    | 022.31 | 0    |
| 022          | Copper (ppm)          | 2188     | 18.79    | 0.2600 | 22.99          | 4.487     | 0.8331    | 83      | -0.94    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0529     | 19.00    | 0.8000 | 22.99          | 4.487     | 0.8331    | 83      | -0.89    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0622     | 19.19    | 0.5400 | 22.99          | 4.487     | 0.8331    | 83      | -0.85    | 022.31 | 0    |
| 022          | Copper (ppm)          | 2196     | 19.29    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | -0.82    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0948     | 19.43    | 0.0200 | 22.99          | 4.487     | 0.8331    | 83      | -0.79    | 022.33 | 0    |
| 022          | Copper (ppm)          | 0651     | 19.72    | 0.7758 | 22.99          | 4.487     | 0.8331    | 83      | -0.73    | 022.31 | 0    |
| 022          | Copper (ppm)          | 0019     | 20.06    | 3.200  | 22.99          | 4.487     | 0.8331    | 83      | -0.65    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0723     | 20.29    | 2.945  | 22.99          | 4.487     | 0.8331    | 83      | -0.60    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0226     | 21.02    | 0.3600 | 22.99          | 4.487     | 0.8331    | 83      | -0.44    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0098     | 21.16    | 1.050  | 22.99          | 4.487     | 0.8331    | 83      | -0.41    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0407     | 21.48    | 0.8546 | 22.99          | 4.487     | 0.8331    | 83      | -0.34    | 022.41 | 0    |
| 022          | Copper (ppm)          | 0164     | 22.00    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | -0.22    | 022.44 | 0    |
| 022          | Copper (ppm)          | 0242     | 22.00    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | -0.22    | 022.99 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 022          | Copper (ppm)          | 0263     | 22.79    | 0.3270 | 22.99          | 4.487     | 0.8331    | 83      | -0.04    | 022.42 | 0    |
| 022          | Copper (ppm)          | 0939     | 22.84    | 1.020  | 22.99          | 4.487     | 0.8331    | 83      | -0.03    | 022.53 | 0    |
| 022          | Copper (ppm)          | 0294     | 22.90    | 1.040  | 22.99          | 4.487     | 0.8331    | 83      | -0.02    | 022.42 | 0    |
| 022          | Copper (ppm)          | 2114     | 23.03    | 0.8570 | 22.99          | 4.487     | 0.8331    | 83      | 0.01     | 022.41 | 0    |
| 022          | Copper (ppm)          | 0939     | 23.10    | 1.260  | 22.99          | 4.487     | 0.8331    | 83      | 0.02     | 022.31 | 0    |
| 022          | Copper (ppm)          | 0186     | 23.31    | 0.0100 | 22.99          | 4.487     | 0.8331    | 83      | 0.07     | 022.52 | 0    |
| 022          | Copper (ppm)          | 2129     | 23.32    | 1.930  | 22.99          | 4.487     | 0.8331    | 83      | 0.07     | 022.42 | 0    |
| 022          | Copper (ppm)          | 2097     | 23.50    | 3.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.11     | 022.31 | 0    |
| 022          | Copper (ppm)          | 0910     | 23.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.11     | 022.41 | 0    |
| 022          | Copper (ppm)          | 0692     | 23.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.11     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0202     | 23.50    | 0.2000 | 22.99          | 4.487     | 0.8331    | 83      | 0.11     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0066     | 23.72    | 0.9100 | 22.99          | 4.487     | 0.8331    | 83      | 0.16     | 022.44 | 0    |
| 022          | Copper (ppm)          | 0407     | 23.85    | 0.2699 | 22.99          | 4.487     | 0.8331    | 83      | 0.19     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0357     | 23.95    | 0.4800 | 22.99          | 4.487     | 0.8331    | 83      | 0.21     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0083     | 23.95    | 0.1000 | 22.99          | 4.487     | 0.8331    | 83      | 0.21     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0407     | 24.00    | 0.1672 | 22.99          | 4.487     | 0.8331    | 83      | 0.22     | 022.53 | 0    |
| 022          | Copper (ppm)          | 2319     | 24.00    | 0.6000 | 22.99          | 4.487     | 0.8331    | 83      | 0.22     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0511     | 24.00    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | 0.22     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0682     | 24.00    | 0.0000 | 22.99          | 4.487     | 0.8331    | 83      | 0.22     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0190     | 24.33    | 0.1000 | 22.99          | 4.487     | 0.8331    | 83      | 0.30     | 022.42 | 0    |
| 022          | Copper (ppm)          | 2322     | 24.38    | 0.6600 | 22.99          | 4.487     | 0.8331    | 83      | 0.31     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0100     | 24.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.34     | 022.99 | 0    |
| 022          | Copper (ppm)          | 0226     | 24.57    | 0.1400 | 22.99          | 4.487     | 0.8331    | 83      | 0.35     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0870     | 24.92    | 1.530  | 22.99          | 4.487     | 0.8331    | 83      | 0.43     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0848     | 25.24    | 0.1800 | 22.99          | 4.487     | 0.8331    | 83      | 0.50     | 022.43 | 0    |
| 022          | Copper (ppm)          | 2192     | 25.25    | 0.5000 | 22.99          | 4.487     | 0.8331    | 83      | 0.50     | 022.43 | 0    |
| 022          | Copper (ppm)          | 2445     | 25.40    | 0.1900 | 22.99          | 4.487     | 0.8331    | 83      | 0.54     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0098     | 25.49    | 0.3000 | 22.99          | 4.487     | 0.8331    | 83      | 0.56     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0353     | 25.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.56     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0510     | 25.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.56     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0045     | 25.55    | 1.700  | 22.99          | 4.487     | 0.8331    | 83      | 0.57     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0505     | 25.63    | 0.0500 | 22.99          | 4.487     | 0.8331    | 83      | 0.59     | 022.43 | 0    |
| 022          | Copper (ppm)          | 2089     | 25.70    | 1.570  | 22.99          | 4.487     | 0.8331    | 83      | 0.60     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0870     | 25.72    | 0.8600 | 22.99          | 4.487     | 0.8331    | 83      | 0.61     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0148     | 25.79    | 3.080  | 22.99          | 4.487     | 0.8331    | 83      | 0.62     | 022.41 | 0    |
| 022          | Copper (ppm)          | 0675     | 25.81    | 0.2700 | 22.99          | 4.487     | 0.8331    | 83      | 0.63     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0610     | 26.00    | 2.100  | 22.99          | 4.487     | 0.8331    | 83      | 0.67     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0010     | 26.35    | 0.9000 | 22.99          | 4.487     | 0.8331    | 83      | 0.75     | 022.33 | 0    |
| 022          | Copper (ppm)          | 0035     | 26.50    | 1.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.78     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0027     | 26.59    | 0.2270 | 22.99          | 4.487     | 0.8331    | 83      | 0.80     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0033     | 26.95    | 1.100  | 22.99          | 4.487     | 0.8331    | 83      | 0.88     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0366     | 27.00    | 4.000  | 22.99          | 4.487     | 0.8331    | 83      | 0.89     | 022.42 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 022          | Copper (ppm)          | 0968     | 27.04    | 0.1420 | 22.99          | 4.487     | 0.8331    | 83      | 0.90     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0169     | 27.60    | 0.4000 | 22.99          | 4.487     | 0.8331    | 83      | 1.03     | 022.43 | 0    |
| 022          | Copper (ppm)          | 0009     | 28.00    | 2.000  | 22.99          | 4.487     | 0.8331    | 83      | 1.12     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0726     | 28.09    | 1.310  | 22.99          | 4.487     | 0.8331    | 83      | 1.14     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0037     | 28.20    | 1.400  | 22.99          | 4.487     | 0.8331    | 83      | 1.16     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0186     | 28.44    | 0.8300 | 22.99          | 4.487     | 0.8331    | 83      | 1.21     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0278     | 28.45    | 1.100  | 22.99          | 4.487     | 0.8331    | 83      | 1.22     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0693     | 28.64    | 0.1440 | 22.99          | 4.487     | 0.8331    | 83      | 1.26     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0047     | 28.85    | 0.3000 | 22.99          | 4.487     | 0.8331    | 83      | 1.31     | 022.52 | 0    |
| 022          | Copper (ppm)          | 2375     | 29.00    | 2.000  | 22.99          | 4.487     | 0.8331    | 83      | 1.34     | 022.42 | 0    |
| 022          | Copper (ppm)          | 0123     | 29.40    | 0.6000 | 22.99          | 4.487     | 0.8331    | 83      | 1.43     | 022.99 | 0    |
| 022          | Copper (ppm)          | 0689     | 31.40    | 0.8000 | 22.99          | 4.487     | 0.8331    | 83      | 1.87     | 022.31 | 0    |
| 022          | Copper (ppm)          | 0504     | 21.40    | 6.000  | 22.99          | 4.487     | 0.8331    | 83      | -0.35    | 022.42 | 1    |
| 022          | Copper (ppm)          | 0042     | 27.85    | 5.300  | 22.99          | 4.487     | 0.8331    | 83      | 1.08     | 022.42 | 1    |
| 025          | Iron (ppm)            | 0536     | 0.1600   | 0.0000 | 294.4          | 24.48     | 6.315     | 73      | -12.02   | 025.31 | 0    |
| 025          | Iron (ppm)            | 0171     | 62.55    | 2.900  | 294.4          | 24.48     | 6.315     | 73      | -9.47    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0689     | 187.6    | 0.6000 | 294.4          | 24.48     | 6.315     | 73      | -4.36    | 025.31 | 0    |
| 025          | Iron (ppm)            | 2322     | 187.7    | 1.600  | 294.4          | 24.48     | 6.315     | 73      | -4.36    | 025.43 | 0    |
| 025          | Iron (ppm)            | 0294     | 218.5    | 10.43  | 294.4          | 24.48     | 6.315     | 73      | -3.10    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0278     | 220.0    | 24.00  | 294.4          | 24.48     | 6.315     | 73      | -3.04    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0726     | 229.1    | 9.700  | 294.4          | 24.48     | 6.315     | 73      | -2.67    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0354     | 239.2    | 2.120  | 294.4          | 24.48     | 6.315     | 73      | -2.25    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0066     | 245.2    | 5.630  | 294.4          | 24.48     | 6.315     | 73      | -2.01    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0921     | 248.8    | 33.86  | 294.4          | 24.48     | 6.315     | 73      | -1.86    | 025.31 | 0    |
| 025          | Iron (ppm)            | 0083     | 271.7    | 10.79  | 294.4          | 24.48     | 6.315     | 73      | -0.93    | 025.43 | 0    |
| 025          | Iron (ppm)            | 2188     | 272.1    | 1.600  | 294.4          | 24.48     | 6.315     | 73      | -0.91    | 025.31 | 0    |
| 025          | Iron (ppm)            | 0619     | 272.5    | 5.000  | 294.4          | 24.48     | 6.315     | 73      | -0.89    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0190     | 272.7    | 1.680  | 294.4          | 24.48     | 6.315     | 73      | -0.89    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0226     | 274.4    | 6.720  | 294.4          | 24.48     | 6.315     | 73      | -0.82    | 025.43 | 0    |
| 025          | Iron (ppm)            | 0357     | 277.6    | 0.2480 | 294.4          | 24.48     | 6.315     | 73      | -0.69    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0358     | 277.6    | 6.620  | 294.4          | 24.48     | 6.315     | 73      | -0.68    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0948     | 278.5    | 4.720  | 294.4          | 24.48     | 6.315     | 73      | -0.65    | 025.33 | 0    |
| 025          | Iron (ppm)            | 0876     | 279.0    | 16.39  | 294.4          | 24.48     | 6.315     | 73      | -0.63    | 025.43 | 0    |
| 025          | Iron (ppm)            | 2319     | 280.0    | 4.000  | 294.4          | 24.48     | 6.315     | 73      | -0.59    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0042     | 281.0    | 2.000  | 294.4          | 24.48     | 6.315     | 73      | -0.55    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0674     | 281.1    | 0.0000 | 294.4          | 24.48     | 6.315     | 73      | -0.54    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0511     | 284.0    | 10.00  | 294.4          | 24.48     | 6.315     | 73      | -0.42    | 025.43 | 0    |
| 025          | Iron (ppm)            | 0407     | 286.0    | 0.7236 | 294.4          | 24.48     | 6.315     | 73      | -0.34    | 025.41 | 0    |
| 025          | Iron (ppm)            | 2114     | 288.3    | 1.700  | 294.4          | 24.48     | 6.315     | 73      | -0.25    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0651     | 289.6    | 6.274  | 294.4          | 24.48     | 6.315     | 73      | -0.20    | 025.31 | 0    |
| 025          | Iron (ppm)            | 0045     | 290.5    | 11.00  | 294.4          | 24.48     | 6.315     | 73      | -0.16    | 025.42 | 0    |
| 025          | Iron (ppm)            | 2196     | 291.1    | 0.0000 | 294.4          | 24.48     | 6.315     | 73      | -0.14    | 025.31 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 025          | Iron (ppm)            | 0910     | 291.5    | 1.000  | 294.4          | 24.48     | 6.315     | 73      | -0.12    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0100     | 291.5    | 3.000  | 294.4          | 24.48     | 6.315     | 73      | -0.12    | 025.99 | 0    |
| 025          | Iron (ppm)            | 0263     | 292.1    | 8.573  | 294.4          | 24.48     | 6.315     | 73      | -0.09    | 025.42 | 0    |
| 025          | Iron (ppm)            | 0407     | 292.4    | 14.02  | 294.4          | 24.48     | 6.315     | 73      | -0.08    | 025.53 | 0    |
| 025          | Iron (ppm)            | 0939     | 292.9    | 15.19  | 294.4          | 24.48     | 6.315     | 73      | -0.06    | 025.31 | 0    |
| 025          | Iron (ppm)            | 0939     | 293.0    | 6.000  | 294.4          | 24.48     | 6.315     | 73      | -0.06    | 025.53 | 0    |
| 025          | Iron (ppm)            | 2097     | 293.5    | 9.000  | 294.4          | 24.48     | 6.315     | 73      | -0.04    | 025.31 | 0    |
| 025          | Iron (ppm)            | 0226     | 294.1    | 0.9200 | 294.4          | 24.48     | 6.315     | 73      | -0.01    | 025.41 | 0    |
| 025          | Iron (ppm)            | 0870     | 294.1    | 1.600  | 294.4          | 24.48     | 6.315     | 73      | -0.01    | 025.42 | 0    |
| 025          | Iron (ppm)            | 2089     | 295.3    | 9.660  | 294.4          | 24.48     | 6.315     | 73      | 0.04     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0242     | 295.5    | 3.000  | 294.4          | 24.48     | 6.315     | 73      | 0.05     | 025.99 | 0    |
| 025          | Iron (ppm)            | 0049     | 295.6    | 0.3300 | 294.4          | 24.48     | 6.315     | 73      | 0.05     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0164     | 296.5    | 3.000  | 294.4          | 24.48     | 6.315     | 73      | 0.09     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0154     | 297.4    | 18.60  | 294.4          | 24.48     | 6.315     | 73      | 0.12     | 025.52 | 0    |
| 025          | Iron (ppm)            | 0098     | 297.5    | 13.10  | 294.4          | 24.48     | 6.315     | 73      | 0.13     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0598     | 297.5    | 2.040  | 294.4          | 24.48     | 6.315     | 73      | 0.13     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0529     | 299.1    | 1.200  | 294.4          | 24.48     | 6.315     | 73      | 0.19     | 025.31 | 0    |
| 025          | Iron (ppm)            | 0169     | 300.5    | 1.000  | 294.4          | 24.48     | 6.315     | 73      | 0.25     | 025.43 | 0    |
| 025          | Iron (ppm)            | 2129     | 300.9    | 0.6000 | 294.4          | 24.48     | 6.315     | 73      | 0.27     | 025.42 | 0    |
| 025          | Iron (ppm)            | 2375     | 304.0    | 2.000  | 294.4          | 24.48     | 6.315     | 73      | 0.39     | 025.42 | 0    |
| 025          | Iron (ppm)            | 2195     | 305.8    | 3.720  | 294.4          | 24.48     | 6.315     | 73      | 0.47     | 025.31 | 0    |
| 025          | Iron (ppm)            | 0610     | 307.3    | 10.50  | 294.4          | 24.48     | 6.315     | 73      | 0.53     | 025.43 | 0    |
| 025          | Iron (ppm)            | 2192     | 308.5    | 1.000  | 294.4          | 24.48     | 6.315     | 73      | 0.58     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0675     | 309.6    | 0.1300 | 294.4          | 24.48     | 6.315     | 73      | 0.62     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0098     | 309.8    | 9.600  | 294.4          | 24.48     | 6.315     | 73      | 0.63     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0510     | 310.5    | 1.000  | 294.4          | 24.48     | 6.315     | 73      | 0.66     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0123     | 310.5    | 11.00  | 294.4          | 24.48     | 6.315     | 73      | 0.66     | 025.99 | 0    |
| 025          | Iron (ppm)            | 0004     | 311.8    | 0.3000 | 294.4          | 24.48     | 6.315     | 73      | 0.71     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0723     | 312.0    | 8.940  | 294.4          | 24.48     | 6.315     | 73      | 0.72     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0229     | 313.4    | 23.60  | 294.4          | 24.48     | 6.315     | 73      | 0.78     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0682     | 313.9    | 0.0000 | 294.4          | 24.48     | 6.315     | 73      | 0.80     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0870     | 316.9    | 12.20  | 294.4          | 24.48     | 6.315     | 73      | 0.92     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0505     | 318.2    | 14.20  | 294.4          | 24.48     | 6.315     | 73      | 0.97     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0693     | 318.4    | 1.200  | 294.4          | 24.48     | 6.315     | 73      | 0.98     | 025.42 | 0    |
| 025          | Iron (ppm)            | 0001     | 318.7    | 18.60  | 294.4          | 24.48     | 6.315     | 73      | 0.99     | 025.31 | 0    |
| 025          | Iron (ppm)            | 0148     | 319.2    | 2.210  | 294.4          | 24.48     | 6.315     | 73      | 1.02     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0019     | 320.2    | 9.000  | 294.4          | 24.48     | 6.315     | 73      | 1.06     | 025.41 | 0    |
| 025          | Iron (ppm)            | 0353     | 323.5    | 7.000  | 294.4          | 24.48     | 6.315     | 73      | 1.19     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0504     | 324.5    | 23.00  | 294.4          | 24.48     | 6.315     | 73      | 1.23     | 025.42 | 0    |
| 025          | Iron (ppm)            | 0407     | 324.8    | 2.195  | 294.4          | 24.48     | 6.315     | 73      | 1.24     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0366     | 328.0    | 2.000  | 294.4          | 24.48     | 6.315     | 73      | 1.37     | 025.42 | 0    |
| 025          | Iron (ppm)            | 0009     | 332.0    | 22.00  | 294.4          | 24.48     | 6.315     | 73      | 1.54     | 025.42 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 025          | Iron (ppm)            | 0968     | 345.1    | 3.800  | 294.4          | 24.48     | 6.315     | 73      | 2.07     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0035     | 347.5    | 3.000  | 294.4          | 24.48     | 6.315     | 73      | 2.17     | 025.43 | 0    |
| 025          | Iron (ppm)            | 0038     | 350.0    | 10.00  | 294.4          | 24.48     | 6.315     | 73      | 2.27     | 025.31 | 0    |
| 025          | Iron (ppm)            | 0037     | 164.3    | 46.10  | 294.4          | 24.48     | 6.315     | 73      | -5.31    | 025.42 | 1    |
| 025          | Iron (ppm)            | 0692     | 275.0    | 40.00  | 294.4          | 24.48     | 6.315     | 73      | -0.79    | 025.42 | 1    |
| 027          | Magnesium (%)         | 0889     | 0.2500   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -4.54    | 027.99 | 0    |
| 027          | Magnesium (%)         | 0407     | 0.2932   | 0.0048 | 0.3329         | 0.0183    | 0.0095    | 75      | -2.17    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0047     | 0.2950   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -2.07    | 027.52 | 0    |
| 027          | Magnesium (%)         | 0186     | 0.3052   | 0.0009 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.52    | 027.52 | 0    |
| 027          | Magnesium (%)         | 2129     | 0.3057   | 0.0069 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.49    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0968     | 0.3060   | 0.0020 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.47    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0049     | 0.3100   | 0.0200 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.25    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0358     | 0.3100   | 0.0200 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.25    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0083     | 0.3100   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.25    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0354     | 0.3110   | 0.0020 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.20    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0529     | 0.3140   | 0.0060 | 0.3329         | 0.0183    | 0.0095    | 75      | -1.03    | 027.31 | 0    |
| 027          | Magnesium (%)         | 0511     | 0.3150   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.98    | 027.43 | 0    |
| 027          | Magnesium (%)         | 2445     | 0.3150   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.98    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0066     | 0.3160   | 0.0080 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.93    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0004     | 0.3200   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.71    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0674     | 0.3200   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.71    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0226     | 0.3200   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.71    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0510     | 0.3200   | 0.0200 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.71    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0407     | 0.3240   | 0.0005 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.49    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0870     | 0.3243   | 0.0088 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.47    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0169     | 0.3250   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.43    | 027.32 | 0    |
| 027          | Magnesium (%)         | 0910     | 0.3250   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.43    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0675     | 0.3250   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.43    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0123     | 0.3250   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.43    | 027.99 | 0    |
| 027          | Magnesium (%)         | 0870     | 0.3251   | 0.0209 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.43    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0045     | 0.3265   | 0.0030 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.35    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0263     | 0.3265   | 0.0010 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.35    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0001     | 0.3269   | 0.0066 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.33    | 027.31 | 0    |
| 027          | Magnesium (%)         | 0154     | 0.3271   | 0.0139 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.32    | 027.52 | 0    |
| 027          | Magnesium (%)         | 0014     | 0.3290   | 0.0300 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.21    | 027.31 | 0    |
| 027          | Magnesium (%)         | 0098     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.41 | 0    |
| 027          | Magnesium (%)         | 2319     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0098     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0505     | 0.3300   | 0.0200 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0610     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0682     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.43 | 0    |
| 027          | Magnesium (%)         | 0939     | 0.3300   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.53 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 027          | Magnesium (%)         | 2114     | 0.3301   | 0.0033 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0186     | 0.3304   | 0.0091 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.14    | 027.42 | 0    |
| 027          | Magnesium (%)         | 0164     | 0.3305   | 0.0010 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.13    | 027.44 | 0    |
| 027          | Magnesium (%)         | 0619     | 0.3315   | 0.0030 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.08    | 027.41 | 0    |
| 027          | Magnesium (%)         | 0598     | 0.3350   | 0.0024 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.41 | 0    |
| 027          | Magnesium (%)         | 0366     | 0.3350   | 0.0300 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0939     | 0.3350   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.31 | 0    |
| 027          | Magnesium (%)         | 2022     | 0.3350   | 0.0020 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.31 | 0    |
| 027          | Magnesium (%)         | 0229     | 0.3350   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.41 | 0    |
| 027          | Magnesium (%)         | 0100     | 0.3350   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.11     | 027.99 | 0    |
| 027          | Magnesium (%)         | 0148     | 0.3395   | 0.0050 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.36     | 027.41 | 0    |
| 027          | Magnesium (%)         | 0536     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.31 | 0    |
| 027          | Magnesium (%)         | 2196     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.31 | 0    |
| 027          | Magnesium (%)         | 0019     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.41 | 0    |
| 027          | Magnesium (%)         | 0190     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0294     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.42 | 0    |
| 027          | Magnesium (%)         | 2144     | 0.3400   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.39     | 027.99 | 0    |
| 027          | Magnesium (%)         | 0357     | 0.3421   | 0.0010 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.50     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0009     | 0.3437   | 0.0119 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.59     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0242     | 0.3450   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.66     | 027.99 | 0    |
| 027          | Magnesium (%)         | 0407     | 0.3472   | 0.0093 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.78     | 027.53 | 0    |
| 027          | Magnesium (%)         | 0226     | 0.3500   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.94     | 027.41 | 0    |
| 027          | Magnesium (%)         | 0035     | 0.3500   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.94     | 027.43 | 0    |
| 027          | Magnesium (%)         | 0202     | 0.3500   | 0.0200 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.94     | 027.43 | 0    |
| 027          | Magnesium (%)         | 2089     | 0.3500   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.94     | 027.43 | 0    |
| 027          | Magnesium (%)         | 2192     | 0.3500   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.94     | 027.43 | 0    |
| 027          | Magnesium (%)         | 0693     | 0.3505   | 0.0110 | 0.3329         | 0.0183    | 0.0095    | 75      | 0.96     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0504     | 0.3515   | 0.0170 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.02     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0042     | 0.3550   | 0.0080 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.21     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0033     | 0.3550   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.21     | 027.43 | 0    |
| 027          | Magnesium (%)         | 0038     | 0.3610   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.54     | 027.31 | 0    |
| 027          | Magnesium (%)         | 0353     | 0.3650   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.76     | 027.43 | 0    |
| 027          | Magnesium (%)         | 2322     | 0.3700   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 2.03     | 027.43 | 0    |
| 027          | Magnesium (%)         | 0726     | 0.3750   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 2.30     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0948     | 0.3820   | 0.0180 | 0.3329         | 0.0183    | 0.0095    | 75      | 2.69     | 027.33 | 0    |
| 027          | Magnesium (%)         | 0278     | 0.3850   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 2.85     | 027.42 | 0    |
| 027          | Magnesium (%)         | 2375     | 0.3850   | 0.0100 | 0.3329         | 0.0183    | 0.0095    | 75      | 2.85     | 027.42 | 0    |
| 027          | Magnesium (%)         | 0876     | 0.4000   | 0.0000 | 0.3329         | 0.0183    | 0.0095    | 75      | 3.67     | 027.43 | 0    |
| 027          | Magnesium (%)         | 0692     | 0.3300   | 0.0400 | 0.3329         | 0.0183    | 0.0095    | 75      | -0.16    | 027.42 | 1    |
| 027          | Magnesium (%)         | 0037     | 0.3640   | 0.0400 | 0.3329         | 0.0183    | 0.0095    | 75      | 1.70     | 027.42 | 1    |
| 027          | Magnesium (%)         | 0171     | 0.0695   | 0.0010 | 0.3329         | 0.0183    | 0.0095    | 75      | -14.41   | 027.41 | 2    |
| 028          | Manganese (ppm)       | 0354     | 100.4    | 3.880  | 142.6          | 12.51     | 4.099     | 79      | -3.37    | 028.41 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 028          | Manganese (ppm)       | 0066     | 112.4    | 3.660  | 142.6          | 12.51     | 4.099     | 79      | -2.41    | 028.44 | 0    |
| 028          | Manganese (ppm)       | 0536     | 120.1    | 2.500  | 142.6          | 12.51     | 4.099     | 79      | -1.81    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0358     | 121.8    | 0.1000 | 142.6          | 12.51     | 4.099     | 79      | -1.67    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0723     | 122.9    | 4.493  | 142.6          | 12.51     | 4.099     | 79      | -1.58    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 2188     | 123.5    | 0.0300 | 142.6          | 12.51     | 4.099     | 79      | -1.53    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0619     | 125.5    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | -1.37    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0674     | 127.2    | 0.0000 | 142.6          | 12.51     | 4.099     | 79      | -1.23    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0504     | 127.7    | 7.100  | 142.6          | 12.51     | 4.099     | 79      | -1.20    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 2097     | 128.0    | 4.000  | 142.6          | 12.51     | 4.099     | 79      | -1.17    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0004     | 130.8    | 1.810  | 142.6          | 12.51     | 4.099     | 79      | -0.95    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0263     | 130.9    | 2.134  | 142.6          | 12.51     | 4.099     | 79      | -0.93    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0598     | 131.0    | 1.381  | 142.6          | 12.51     | 4.099     | 79      | -0.93    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0870     | 132.1    | 7.100  | 142.6          | 12.51     | 4.099     | 79      | -0.85    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0164     | 132.5    | 5.000  | 142.6          | 12.51     | 4.099     | 79      | -0.81    | 028.44 | 0    |
| 028          | Manganese (ppm)       | 0870     | 133.2    | 5.200  | 142.6          | 12.51     | 4.099     | 79      | -0.75    | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0505     | 133.4    | 1.600  | 142.6          | 12.51     | 4.099     | 79      | -0.74    | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0511     | 133.5    | 3.000  | 142.6          | 12.51     | 4.099     | 79      | -0.73    | 028.43 | 0    |
| 028          | Manganese (ppm)       | 2196     | 134.0    | 0.0000 | 142.6          | 12.51     | 4.099     | 79      | -0.69    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0590     | 134.0    | 10.00  | 142.6          | 12.51     | 4.099     | 79      | -0.69    | 028.99 | 0    |
| 028          | Manganese (ppm)       | 0651     | 134.5    | 11.30  | 142.6          | 12.51     | 4.099     | 79      | -0.65    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 2129     | 135.0    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | -0.61    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 2322     | 136.0    | 1.420  | 142.6          | 12.51     | 4.099     | 79      | -0.53    | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0407     | 136.9    | 0.7092 | 142.6          | 12.51     | 4.099     | 79      | -0.46    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0049     | 137.0    | 1.890  | 142.6          | 12.51     | 4.099     | 79      | -0.45    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0123     | 137.5    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | -0.41    | 028.99 | 0    |
| 028          | Manganese (ppm)       | 0529     | 137.6    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | -0.40    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0939     | 137.8    | 3.960  | 142.6          | 12.51     | 4.099     | 79      | -0.39    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0098     | 137.9    | 10.20  | 142.6          | 12.51     | 4.099     | 79      | -0.38    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0229     | 138.3    | 1.400  | 142.6          | 12.51     | 4.099     | 79      | -0.35    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 2114     | 138.9    | 4.480  | 142.6          | 12.51     | 4.099     | 79      | -0.30    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0693     | 139.3    | 3.060  | 142.6          | 12.51     | 4.099     | 79      | -0.27    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 2195     | 139.4    | 2.740  | 142.6          | 12.51     | 4.099     | 79      | -0.26    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0692     | 139.5    | 9.000  | 142.6          | 12.51     | 4.099     | 79      | -0.25    | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0921     | 140.4    | 5.830  | 142.6          | 12.51     | 4.099     | 79      | -0.18    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0226     | 140.4    | 1.270  | 142.6          | 12.51     | 4.099     | 79      | -0.18    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0033     | 140.5    | 5.000  | 142.6          | 12.51     | 4.099     | 79      | -0.17    | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0689     | 141.1    | 7.200  | 142.6          | 12.51     | 4.099     | 79      | -0.12    | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0186     | 141.5    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | -0.09    | 028.52 | 0    |
| 028          | Manganese (ppm)       | 0910     | 142.0    | 4.000  | 142.6          | 12.51     | 4.099     | 79      | -0.05    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0939     | 142.0    | 10.00  | 142.6          | 12.51     | 4.099     | 79      | -0.05    | 028.53 | 0    |
| 028          | Manganese (ppm)       | 0148     | 142.3    | 14.40  | 142.6          | 12.51     | 4.099     | 79      | -0.03    | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0510     | 143.0    | 6.000  | 142.6          | 12.51     | 4.099     | 79      | 0.03     | 028.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 028          | Manganese (ppm)       | 0019     | 143.4    | 3.050  | 142.6          | 12.51     | 4.099     | 79      | 0.06     | 028.41 | 0    |
| 028          | Manganese (ppm)       | 0169     | 144.0    | 4.000  | 142.6          | 12.51     | 4.099     | 79      | 0.11     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0948     | 144.0    | 1.550  | 142.6          | 12.51     | 4.099     | 79      | 0.11     | 028.33 | 0    |
| 028          | Manganese (ppm)       | 0083     | 145.6    | 1.030  | 142.6          | 12.51     | 4.099     | 79      | 0.24     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0009     | 146.0    | 8.000  | 142.6          | 12.51     | 4.099     | 79      | 0.27     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0045     | 146.0    | 14.00  | 142.6          | 12.51     | 4.099     | 79      | 0.27     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0226     | 146.4    | 1.090  | 142.6          | 12.51     | 4.099     | 79      | 0.30     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0042     | 146.5    | 11.00  | 142.6          | 12.51     | 4.099     | 79      | 0.31     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0610     | 147.3    | 0.5000 | 142.6          | 12.51     | 4.099     | 79      | 0.37     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0353     | 147.5    | 3.000  | 142.6          | 12.51     | 4.099     | 79      | 0.39     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0968     | 147.6    | 2.136  | 142.6          | 12.51     | 4.099     | 79      | 0.40     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0675     | 147.7    | 1.930  | 142.6          | 12.51     | 4.099     | 79      | 0.41     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0366     | 148.0    | 4.000  | 142.6          | 12.51     | 4.099     | 79      | 0.43     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0407     | 148.2    | 3.443  | 142.6          | 12.51     | 4.099     | 79      | 0.45     | 028.53 | 0    |
| 028          | Manganese (ppm)       | 2319     | 149.0    | 6.000  | 142.6          | 12.51     | 4.099     | 79      | 0.51     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0357     | 149.3    | 2.375  | 142.6          | 12.51     | 4.099     | 79      | 0.54     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0098     | 150.0    | 11.00  | 142.6          | 12.51     | 4.099     | 79      | 0.59     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0100     | 150.0    | 8.000  | 142.6          | 12.51     | 4.099     | 79      | 0.59     | 028.99 | 0    |
| 028          | Manganese (ppm)       | 0278     | 151.5    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | 0.71     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0682     | 152.3    | 0.0000 | 142.6          | 12.51     | 4.099     | 79      | 0.78     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0242     | 153.0    | 4.000  | 142.6          | 12.51     | 4.099     | 79      | 0.83     | 028.99 | 0    |
| 028          | Manganese (ppm)       | 0035     | 153.5    | 1.000  | 142.6          | 12.51     | 4.099     | 79      | 0.87     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0202     | 154.5    | 7.000  | 142.6          | 12.51     | 4.099     | 79      | 0.95     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0884     | 154.8    | 4.600  | 142.6          | 12.51     | 4.099     | 79      | 0.97     | 028.31 | 0    |
| 028          | Manganese (ppm)       | 0038     | 155.5    | 13.00  | 142.6          | 12.51     | 4.099     | 79      | 1.03     | 028.32 | 0    |
| 028          | Manganese (ppm)       | 0186     | 159.5    | 7.000  | 142.6          | 12.51     | 4.099     | 79      | 1.35     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 2089     | 159.8    | 1.560  | 142.6          | 12.51     | 4.099     | 79      | 1.37     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0407     | 159.8    | 0.3959 | 142.6          | 12.51     | 4.099     | 79      | 1.37     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0876     | 162.1    | 1.440  | 142.6          | 12.51     | 4.099     | 79      | 1.56     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 0190     | 162.6    | 0.8600 | 142.6          | 12.51     | 4.099     | 79      | 1.59     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0037     | 162.7    | 0.5000 | 142.6          | 12.51     | 4.099     | 79      | 1.60     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0726     | 164.2    | 5.200  | 142.6          | 12.51     | 4.099     | 79      | 1.73     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0027     | 165.0    | 6.762  | 142.6          | 12.51     | 4.099     | 79      | 1.79     | 028.43 | 0    |
| 028          | Manganese (ppm)       | 2375     | 171.5    | 3.000  | 142.6          | 12.51     | 4.099     | 79      | 2.31     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0294     | 171.6    | 10.51  | 142.6          | 12.51     | 4.099     | 79      | 2.31     | 028.42 | 0    |
| 028          | Manganese (ppm)       | 0047     | 194.6    | 8.990  | 142.6          | 12.51     | 4.099     | 79      | 4.16     | 028.52 | 0    |
| 028          | Manganese (ppm)       | 0001     | 145.5    | 19.80  | 142.6          | 12.51     | 4.099     | 79      | 0.23     | 028.31 | 1    |
| 028          | Manganese (ppm)       | 2192     | 155.0    | 20.00  | 142.6          | 12.51     | 4.099     | 79      | 0.99     | 028.53 | 1    |
| 028          | Manganese (ppm)       | 0171     | 26.75    | 0.5000 | 142.6          | 12.51     | 4.099     | 79      | -9.27    | 028.41 | 2    |
| 030          | Nitrate (%)           | 0357     | 0.0038   | 0.0000 |                |           |           | 1       |          | 030.01 | 0    |
| 031          | Phosphorus (%)        | 0889     | 0.4800   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -6.72    | 031.99 | 0    |
| 031          | Phosphorus (%)        | 0018     | 0.5240   | 0.0140 | 0.6772         | 0.0293    | 0.0160    | 113     | -5.22    | 031.01 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 031          | Phosphorus (%)        | 0108     | 0.5300   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -5.02    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2200     | 0.5500   | 0.0600 | 0.6772         | 0.0293    | 0.0160    | 113     | -4.34    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0354     | 0.5930   | 0.0040 | 0.6772         | 0.0293    | 0.0160    | 113     | -2.87    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0674     | 0.6200   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.95    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 2199     | 0.6300   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.61    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2246     | 0.6300   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.61    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0294     | 0.6300   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.61    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0083     | 0.6300   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.61    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0511     | 0.6350   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.44    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0300     | 0.6353   | 0.0202 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.43    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0001     | 0.6365   | 0.0130 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.39    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0066     | 0.6380   | 0.0220 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.34    | 031.44 | 0    |
| 031          | Phosphorus (%)        | 2129     | 0.6403   | 0.0173 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.26    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0676     | 0.6450   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | -1.10    | 031.99 | 0    |
| 031          | Phosphorus (%)        | 0622     | 0.6493   | 0.0133 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.95    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2144     | 0.6500   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.93    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2195     | 0.6500   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.93    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0010     | 0.6500   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.93    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2146     | 0.6500   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.93    | 031.51 | 0    |
| 031          | Phosphorus (%)        | 0038     | 0.6505   | 0.0170 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.91    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0692     | 0.6550   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.76    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 2006     | 0.6560   | 0.0020 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.72    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0186     | 0.6584   | 0.0089 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.64    | 031.52 | 0    |
| 031          | Phosphorus (%)        | 2434     | 0.6600   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.59    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0004     | 0.6600   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.59    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0019     | 0.6600   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.59    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0675     | 0.6600   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.59    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0042     | 0.6630   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.49    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0693     | 0.6645   | 0.0050 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.43    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0646     | 0.6650   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.42    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0229     | 0.6650   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.42    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0910     | 0.6650   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.42    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0226     | 0.6650   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.42    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0510     | 0.6650   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.42    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2114     | 0.6672   | 0.0049 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.34    | 031.44 | 0    |
| 031          | Phosphorus (%)        | 0504     | 0.6675   | 0.0150 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.33    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 2259     | 0.6685   | 0.0050 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.30    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 2097     | 0.6700   | 0.0120 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2192     | 0.6700   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0033     | 0.6700   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0610     | 0.6700   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0682     | 0.6700   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 031          | Phosphorus (%)        | 0100     | 0.6700   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.25    | 031.99 | 0    |
| 031          | Phosphorus (%)        | 0001     | 0.6709   | 0.0090 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.22    | 031.03 | 0    |
| 031          | Phosphorus (%)        | 0357     | 0.6730   | 0.0005 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.15    | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0651     | 0.6733   | 0.0061 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.14    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2009     | 0.6742   | 0.0015 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.11    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0689     | 0.6750   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0884     | 0.6750   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0948     | 0.6750   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2193     | 0.6750   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0049     | 0.6750   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0505     | 0.6750   | 0.0220 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2089     | 0.6750   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.08    | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2453     | 0.6758   | 0.0066 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.05    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2340     | 0.6760   | 0.0020 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.04    | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0619     | 0.6780   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.03     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0037     | 0.6790   | 0.0360 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.06     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0590     | 0.6800   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0687     | 0.6800   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0939     | 0.6800   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0169     | 0.6800   | 0.0400 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.03 | 0    |
| 031          | Phosphorus (%)        | 0144     | 0.6800   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0047     | 0.6800   | 0.0600 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0529     | 0.6800   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2337     | 0.6800   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0027     | 0.6800   | 0.0040 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0242     | 0.6800   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.09     | 031.99 | 0    |
| 031          | Phosphorus (%)        | 0186     | 0.6824   | 0.0060 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.18     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0164     | 0.6840   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.23     | 031.44 | 0    |
| 031          | Phosphorus (%)        | 0226     | 0.6850   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.26     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 2322     | 0.6850   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.26     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0045     | 0.6860   | 0.0460 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.30     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 2190     | 0.6899   | 0.0066 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.43     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 2196     | 0.6900   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.43     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0202     | 0.6900   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.43     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0939     | 0.6900   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.43     | 031.53 | 0    |
| 031          | Phosphorus (%)        | 0263     | 0.6905   | 0.0090 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.45     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0723     | 0.6924   | 0.0018 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.52     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0968     | 0.6925   | 0.0030 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.52     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0098     | 0.6929   | 0.0146 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.53     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0035     | 0.6950   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.61     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0358     | 0.6950   | 0.0500 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.61     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0036     | 0.6968   | 0.0318 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.67     | 031.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 031          | Phosphorus (%)        | 0407     | 0.6972   | 0.0054 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.68     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0154     | 0.6997   | 0.0468 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.77     | 031.52 | 0    |
| 031          | Phosphorus (%)        | 0035     | 0.7000   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.78     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0148     | 0.7000   | 0.0280 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.78     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0171     | 0.7000   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.78     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0876     | 0.7000   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.78     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2445     | 0.7000   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.78     | 031.44 | 0    |
| 031          | Phosphorus (%)        | 2319     | 0.7005   | 0.0010 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.79     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0598     | 0.7018   | 0.0005 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.84     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0098     | 0.7019   | 0.0016 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.84     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0870     | 0.7049   | 0.0440 | 0.6772         | 0.0293    | 0.0160    | 113     | 0.94     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0190     | 0.7100   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.12     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0366     | 0.7150   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.29     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0726     | 0.7150   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.29     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0407     | 0.7198   | 0.0394 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.45     | 031.53 | 0    |
| 031          | Phosphorus (%)        | 2302     | 0.7200   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.46     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0407     | 0.7208   | 0.0218 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.48     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2188     | 0.7300   | 0.0000 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.80     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0848     | 0.7350   | 0.0300 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.97     | 031.41 | 0    |
| 031          | Phosphorus (%)        | 0278     | 0.7350   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 1.97     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 2022     | 0.7450   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 2.31     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0123     | 0.7450   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 2.31     | 031.99 | 0    |
| 031          | Phosphorus (%)        | 0870     | 0.7506   | 0.0091 | 0.6772         | 0.0293    | 0.0160    | 113     | 2.50     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 0353     | 0.7700   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 3.16     | 031.43 | 0    |
| 031          | Phosphorus (%)        | 2375     | 0.7800   | 0.0400 | 0.6772         | 0.0293    | 0.0160    | 113     | 3.50     | 031.42 | 0    |
| 031          | Phosphorus (%)        | 0536     | 0.9400   | 0.0200 | 0.6772         | 0.0293    | 0.0160    | 113     | 8.95     | 031.06 | 0    |
| 031          | Phosphorus (%)        | 2450     | 0.9550   | 0.0100 | 0.6772         | 0.0293    | 0.0160    | 113     | 9.46     | 031.01 | 0    |
| 031          | Phosphorus (%)        | 0009     | 0.6666   | 0.0776 | 0.6772         | 0.0293    | 0.0160    | 113     | -0.36    | 031.42 | 1    |
| 032          | Potassium (%)         | 2434     | 0.7150   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -4.24    | 032.08 | 0    |
| 032          | Potassium (%)         | 0536     | 0.7750   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -3.20    | 032.31 | 0    |
| 032          | Potassium (%)         | 0619     | 0.8195   | 0.0250 | 0.9611         | 0.0581    | 0.0204    | 77      | -2.44    | 032.41 | 0    |
| 032          | Potassium (%)         | 2196     | 0.8300   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -2.26    | 032.31 | 0    |
| 032          | Potassium (%)         | 0049     | 0.8350   | 0.0500 | 0.9611         | 0.0581    | 0.0204    | 77      | -2.17    | 032.41 | 0    |
| 032          | Potassium (%)         | 0038     | 0.8440   | 0.0140 | 0.9611         | 0.0581    | 0.0204    | 77      | -2.02    | 032.31 | 0    |
| 032          | Potassium (%)         | 0154     | 0.8460   | 0.0120 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.98    | 032.52 | 0    |
| 032          | Potassium (%)         | 0354     | 0.8515   | 0.0230 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.89    | 032.41 | 0    |
| 032          | Potassium (%)         | 0229     | 0.8550   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.83    | 032.41 | 0    |
| 032          | Potassium (%)         | 0598     | 0.8795   | 0.0091 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.41    | 032.41 | 0    |
| 032          | Potassium (%)         | 0019     | 0.8950   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.14    | 032.41 | 0    |
| 032          | Potassium (%)         | 0692     | 0.8950   | 0.0900 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.14    | 032.42 | 0    |
| 032          | Potassium (%)         | 0186     | 0.8981   | 0.0179 | 0.9611         | 0.0581    | 0.0204    | 77      | -1.09    | 032.52 | 0    |
| 032          | Potassium (%)         | 0004     | 0.9050   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.97    | 032.41 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 032          | Potassium (%)         | 0870     | 0.9076   | 0.0103 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.92    | 032.42 | 0    |
| 032          | Potassium (%)         | 0910     | 0.9150   | 0.1100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.79    | 032.41 | 0    |
| 032          | Potassium (%)         | 0358     | 0.9250   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.62    | 032.41 | 0    |
| 032          | Potassium (%)         | 2129     | 0.9255   | 0.0136 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.61    | 032.42 | 0    |
| 032          | Potassium (%)         | 0674     | 0.9300   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.54    | 032.41 | 0    |
| 032          | Potassium (%)         | 0226     | 0.9300   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.54    | 032.43 | 0    |
| 032          | Potassium (%)         | 0948     | 0.9315   | 0.0250 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.51    | 032.31 | 0    |
| 032          | Potassium (%)         | 0186     | 0.9334   | 0.0102 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.48    | 032.42 | 0    |
| 032          | Potassium (%)         | 0083     | 0.9350   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.45    | 032.43 | 0    |
| 032          | Potassium (%)         | 2445     | 0.9350   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.45    | 032.43 | 0    |
| 032          | Potassium (%)         | 0100     | 0.9350   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.45    | 032.99 | 0    |
| 032          | Potassium (%)         | 0511     | 0.9400   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.36    | 032.43 | 0    |
| 032          | Potassium (%)         | 2319     | 0.9450   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.28    | 032.52 | 0    |
| 032          | Potassium (%)         | 0123     | 0.9450   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.28    | 032.99 | 0    |
| 032          | Potassium (%)         | 0870     | 0.9452   | 0.0115 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.27    | 032.43 | 0    |
| 032          | Potassium (%)         | 0164     | 0.9480   | 0.0060 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.23    | 032.44 | 0    |
| 032          | Potassium (%)         | 0529     | 0.9510   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.17    | 032.31 | 0    |
| 032          | Potassium (%)         | 2114     | 0.9526   | 0.0157 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.15    | 032.41 | 0    |
| 032          | Potassium (%)         | 0148     | 0.9535   | 0.0270 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.13    | 032.41 | 0    |
| 032          | Potassium (%)         | 0610     | 0.9550   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.11    | 032.43 | 0    |
| 032          | Potassium (%)         | 0939     | 0.9600   | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | -0.02    | 032.31 | 0    |
| 032          | Potassium (%)         | 0407     | 0.9613   | 0.0361 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.00     | 032.41 | 0    |
| 032          | Potassium (%)         | 0504     | 0.9620   | 0.0880 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.02     | 032.42 | 0    |
| 032          | Potassium (%)         | 0045     | 0.9640   | 0.0560 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.05     | 032.42 | 0    |
| 032          | Potassium (%)         | 0144     | 0.9650   | 0.0300 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.07     | 032.41 | 0    |
| 032          | Potassium (%)         | 0033     | 0.9650   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.07     | 032.43 | 0    |
| 032          | Potassium (%)         | 2089     | 0.9650   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.07     | 032.43 | 0    |
| 032          | Potassium (%)         | 0066     | 0.9675   | 0.0230 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.11     | 032.41 | 0    |
| 032          | Potassium (%)         | 0889     | 0.9700   | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.15     | 032.99 | 0    |
| 032          | Potassium (%)         | 0036     | 0.9719   | 0.0613 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.18     | 032.43 | 0    |
| 032          | Potassium (%)         | 0001     | 0.9740   | 0.0083 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.22     | 032.99 | 0    |
| 032          | Potassium (%)         | 0226     | 0.9750   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.24     | 032.41 | 0    |
| 032          | Potassium (%)         | 0098     | 0.9750   | 0.0500 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.24     | 032.43 | 0    |
| 032          | Potassium (%)         | 0675     | 0.9750   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.24     | 032.43 | 0    |
| 032          | Potassium (%)         | 0294     | 0.9800   | 0.0400 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.33     | 032.42 | 0    |
| 032          | Potassium (%)         | 0505     | 0.9850   | 0.0300 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.41     | 032.43 | 0    |
| 032          | Potassium (%)         | 0939     | 0.9850   | 0.0500 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.41     | 032.53 | 0    |
| 032          | Potassium (%)         | 0510     | 0.9900   | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.50     | 032.43 | 0    |
| 032          | Potassium (%)         | 2322     | 0.9900   | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.50     | 032.43 | 0    |
| 032          | Potassium (%)         | 0027     | 0.9930   | 0.0160 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.55     | 032.43 | 0    |
| 032          | Potassium (%)         | 0098     | 0.9950   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.58     | 032.41 | 0    |
| 032          | Potassium (%)         | 0010     | 0.9950   | 0.0300 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.58     | 032.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 032          | Potassium (%)         | 0035     | 0.9950   | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.58     | 032.43 | 0    |
| 032          | Potassium (%)         | 0202     | 0.9950   | 0.0700 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.58     | 032.43 | 0    |
| 032          | Potassium (%)         | 0169     | 1.000    | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.67     | 032.32 | 0    |
| 032          | Potassium (%)         | 0682     | 1.000    | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.67     | 032.43 | 0    |
| 032          | Potassium (%)         | 0242     | 1.005    | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.76     | 032.99 | 0    |
| 032          | Potassium (%)         | 0357     | 1.005    | 0.0108 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.76     | 032.42 | 0    |
| 032          | Potassium (%)         | 0407     | 1.007    | 0.0016 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.79     | 032.43 | 0    |
| 032          | Potassium (%)         | 0190     | 1.010    | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.84     | 032.42 | 0    |
| 032          | Potassium (%)         | 0693     | 1.010    | 0.0320 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.84     | 032.42 | 0    |
| 032          | Potassium (%)         | 0037     | 1.018    | 0.0140 | 0.9611         | 0.0581    | 0.0204    | 77      | 0.98     | 032.42 | 0    |
| 032          | Potassium (%)         | 0278     | 1.020    | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.01     | 032.42 | 0    |
| 032          | Potassium (%)         | 0407     | 1.023    | 0.0101 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.07     | 032.53 | 0    |
| 032          | Potassium (%)         | 0042     | 1.025    | 0.0300 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.10     | 032.42 | 0    |
| 032          | Potassium (%)         | 0726     | 1.025    | 0.0100 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.10     | 032.42 | 0    |
| 032          | Potassium (%)         | 0263     | 1.038    | 0.0260 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.32     | 032.42 | 0    |
| 032          | Potassium (%)         | 0353     | 1.050    | 0.0400 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.53     | 032.43 | 0    |
| 032          | Potassium (%)         | 0009     | 1.068    | 0.0334 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.84     | 032.42 | 0    |
| 032          | Potassium (%)         | 2375     | 1.125    | 0.0300 | 0.9611         | 0.0581    | 0.0204    | 77      | 2.82     | 032.42 | 0    |
| 032          | Potassium (%)         | 0968     | 1.137    | 0.0010 | 0.9611         | 0.0581    | 0.0204    | 77      | 3.02     | 032.43 | 0    |
| 032          | Potassium (%)         | 0876     | 1.150    | 0.1000 | 0.9611         | 0.0581    | 0.0204    | 77      | 3.25     | 032.43 | 0    |
| 032          | Potassium (%)         | 0366     | 1.220    | 0.0200 | 0.9611         | 0.0581    | 0.0204    | 77      | 4.46     | 032.42 | 0    |
| 032          | Potassium (%)         | 0047     | 1.055    | 0.1500 | 0.9611         | 0.0581    | 0.0204    | 77      | 1.62     | 032.42 | 1    |
| 032          | Potassium (%)         | 0171     | 0.1700   | 0.0000 | 0.9611         | 0.0581    | 0.0204    | 77      | -13.61   | 032.41 | 2    |
| 033          | Salt as chloride (%)  | 0536     | 0.6300   | 0.0400 | 1.190          | 0.1027    | 0.0229    | 56      | -5.45    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0300     | 0.7199   | 0.0802 | 1.190          | 0.1027    | 0.0229    | 56      | -4.57    | 033.99 | 0    |
| 033          | Salt as chloride (%)  | 0726     | 0.7200   | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | -4.57    | 033.03 | 0    |
| 033          | Salt as chloride (%)  | 0353     | 0.7400   | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | -4.38    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0366     | 0.7450   | 0.0500 | 1.190          | 0.1027    | 0.0229    | 56      | -4.33    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0358     | 0.7450   | 0.0500 | 1.190          | 0.1027    | 0.0229    | 56      | -4.33    | 033.99 | 0    |
| 033          | Salt as chloride (%)  | 2450     | 0.7700   | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | -4.09    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0505     | 1.005    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | -1.80    | 033.03 | 0    |
| 033          | Salt as chloride (%)  | 0190     | 1.020    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | -1.65    | 033.03 | 0    |
| 033          | Salt as chloride (%)  | 0171     | 1.045    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | -1.41    | 033.05 | 0    |
| 033          | Salt as chloride (%)  | 2193     | 1.065    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | -1.21    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0619     | 1.065    | 0.0300 | 1.190          | 0.1027    | 0.0229    | 56      | -1.21    | 033.01 | 0    |
| 033          | Salt as chloride (%)  | 2434     | 1.068    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | -1.18    | 033.05 | 0    |
| 033          | Salt as chloride (%)  | 0674     | 1.090    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | -0.97    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0675     | 1.150    | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | -0.39    | 033.00 | 0    |
| 033          | Salt as chloride (%)  | 0003     | 1.150    | 0.1000 | 1.190          | 0.1027    | 0.0229    | 56      | -0.39    | 033.01 | 0    |
| 033          | Salt as chloride (%)  | 0229     | 1.170    | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | -0.19    | 033.01 | 0    |
| 033          | Salt as chloride (%)  | 0910     | 1.185    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | -0.04    | 033.99 | 0    |
| 033          | Salt as chloride (%)  | 0123     | 1.200    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.10     | 033.00 | 0    |



| Method Group | Analyte Group (Units)      | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|----------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                            |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 033          | Salt as chloride (%)       | 2196     | 1.200    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.10     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 2337     | 1.200    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.10     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 2190     | 1.210    | 0.0096 | 1.190          | 0.1027    | 0.0229    | 56      | 0.20     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0083     | 1.215    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.25     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0164     | 1.215    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.25     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0226     | 1.215    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.25     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0689     | 1.215    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.25     | 033.05 | 0    |
| 033          | Salt as chloride (%)       | 0001     | 1.220    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.30     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0098     | 1.220    | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | 0.30     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0510     | 1.220    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.30     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0682     | 1.220    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.30     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0939     | 1.220    | 0.0600 | 1.190          | 0.1027    | 0.0229    | 56      | 0.30     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0884     | 1.225    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.34     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 0148     | 1.225    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.34     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 2146     | 1.225    | 0.0300 | 1.190          | 0.1027    | 0.0229    | 56      | 0.34     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0948     | 1.230    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.39     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 2009     | 1.235    | 0.0110 | 1.190          | 0.1027    | 0.0229    | 56      | 0.44     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 0004     | 1.240    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.49     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0590     | 1.240    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.49     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0100     | 1.245    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.54     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0407     | 1.246    | 0.0110 | 1.190          | 0.1027    | 0.0229    | 56      | 0.54     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0028     | 1.255    | 0.0300 | 1.190          | 0.1027    | 0.0229    | 56      | 0.64     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0278     | 1.255    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.64     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 2319     | 1.257    | 0.0038 | 1.190          | 0.1027    | 0.0229    | 56      | 0.66     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0186     | 1.260    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 0.69     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0242     | 1.260    | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | 0.69     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0354     | 1.264    | 0.0060 | 1.190          | 0.1027    | 0.0229    | 56      | 0.72     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 2268     | 1.265    | 0.0300 | 1.190          | 0.1027    | 0.0229    | 56      | 0.73     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0650     | 1.265    | 0.0300 | 1.190          | 0.1027    | 0.0229    | 56      | 0.73     | 033.99 | 0    |
| 033          | Salt as chloride (%)       | 2129     | 1.265    | 0.0285 | 1.190          | 0.1027    | 0.0229    | 56      | 0.73     | 033.99 | 0    |
| 033          | Salt as chloride (%)       | 2375     | 1.270    | 0.0200 | 1.190          | 0.1027    | 0.0229    | 56      | 0.78     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0045     | 1.280    | 0.0800 | 1.190          | 0.1027    | 0.0229    | 56      | 0.88     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 0019     | 1.285    | 0.0100 | 1.190          | 0.1027    | 0.0229    | 56      | 0.93     | 033.01 | 0    |
| 033          | Salt as chloride (%)       | 0693     | 1.287    | 0.0330 | 1.190          | 0.1027    | 0.0229    | 56      | 0.94     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 0539     | 1.300    | 0.0600 | 1.190          | 0.1027    | 0.0229    | 56      | 1.08     | 033.00 | 0    |
| 033          | Salt as chloride (%)       | 2392     | 1.320    | 0.0400 | 1.190          | 0.1027    | 0.0229    | 56      | 1.27     | 033.99 | 0    |
| 033          | Salt as chloride (%)       | 0144     | 1.340    | 0.0000 | 1.190          | 0.1027    | 0.0229    | 56      | 1.46     | 033.03 | 0    |
| 033          | Salt as chloride (%)       | 2181     | 1.165    | 0.1300 | 1.190          | 0.1027    | 0.0229    | 56      | -0.24    | 033.99 | 1    |
| 034          | Selenium, Total (Se) (ppm) | 0186     | 0.3369   | 0.0168 | 0.5787         | 0.1352    | 0.0381    | 15      | -1.79    | 034.52 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0045     | 0.4080   | 0.0060 | 0.5787         | 0.1352    | 0.0381    | 15      | -1.26    | 034.04 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0619     | 0.4855   | 0.0390 | 0.5787         | 0.1352    | 0.0381    | 15      | -0.69    | 034.41 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0164     | 0.4950   | 0.0060 | 0.5787         | 0.1352    | 0.0381    | 15      | -0.62    | 034.53 | 0    |

| Method Group | Analyte Group (Units)      | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|----------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                            |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 034          | Selenium, Total (Se) (ppm) | 0148     | 0.5195   | 0.0450 | 0.5787         | 0.1352    | 0.0381    | 15      | -0.44    | 034.41 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0910     | 0.5200   | 0.0600 | 0.5787         | 0.1352    | 0.0381    | 15      | -0.43    | 034.52 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0066     | 0.5705   | 0.0590 | 0.5787         | 0.1352    | 0.0381    | 15      | -0.06    | 034.43 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0610     | 0.5800   | 0.0400 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.01     | 034.53 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 2114     | 0.6079   | 0.0040 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.22     | 034.43 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0169     | 0.6100   | 0.0600 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.23     | 034.04 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0038     | 0.6115   | 0.0290 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.24     | 034.01 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0560     | 0.6147   | 0.0365 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.27     | 034.53 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0407     | 0.7188   | 0.0542 | 0.5787         | 0.1352    | 0.0381    | 15      | 1.04     | 034.53 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0190     | 1.060    | 0.0000 | 0.5787         | 0.1352    | 0.0381    | 15      | 3.56     | 034.99 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0692     | 1.150    | 0.1000 | 0.5787         | 0.1352    | 0.0381    | 15      | 4.22     | 034.42 | 0    |
| 034          | Selenium, Total (Se) (ppm) | 0047     | 0.6950   | 0.1900 | 0.5787         | 0.1352    | 0.0381    | 15      | 0.86     | 034.52 | 1    |
| 034          | Selenium, Total (Se) (ppm) | 0682     | < 5      |        | 0.5787         | 0.1352    | 0.0381    | 15      |          | 034.43 | 5    |
| 035          | Sodium (%)                 | 0889     | 0.0950   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -10.95   | 035.99 | 0    |
| 035          | Sodium (%)                 | 0038     | 0.2315   | 0.0150 | 0.3005         | 0.0188    | 0.0098    | 80      | -3.68    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0622     | 0.2431   | 0.0050 | 0.3005         | 0.0188    | 0.0098    | 80      | -3.06    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0619     | 0.2520   | 0.0040 | 0.3005         | 0.0188    | 0.0098    | 80      | -2.59    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0536     | 0.2600   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -2.16    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0049     | 0.2650   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.89    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0921     | 0.2675   | 0.0090 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.76    | 035.31 | 0    |
| 035          | Sodium (%)                 | 2022     | 0.2685   | 0.0010 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.71    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0229     | 0.2750   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.36    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0598     | 0.2770   | 0.0033 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.26    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0171     | 0.2800   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.09    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0674     | 0.2800   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -1.09    | 035.41 | 0    |
| 035          | Sodium (%)                 | 2129     | 0.2826   | 0.0034 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.96    | 035.42 | 0    |
| 035          | Sodium (%)                 | 0300     | 0.2832   | 0.0316 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.92    | 035.43 | 0    |
| 035          | Sodium (%)                 | 0164     | 0.2850   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.83    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0939     | 0.2850   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.83    | 035.53 | 0    |
| 035          | Sodium (%)                 | 0186     | 0.2860   | 0.0048 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.77    | 035.42 | 0    |
| 035          | Sodium (%)                 | 0529     | 0.2865   | 0.0030 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.75    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0939     | 0.2900   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.31 | 0    |
| 035          | Sodium (%)                 | 0294     | 0.2900   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.42 | 0    |
| 035          | Sodium (%)                 | 0610     | 0.2900   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.43 | 0    |
| 035          | Sodium (%)                 | 0358     | 0.2900   | 0.0200 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0910     | 0.2900   | 0.0400 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.41 | 0    |
| 035          | Sodium (%)                 | 0505     | 0.2900   | 0.0200 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.43 | 0    |
| 035          | Sodium (%)                 | 0511     | 0.2900   | 0.0200 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.56    | 035.43 | 0    |
| 035          | Sodium (%)                 | 0263     | 0.2925   | 0.0010 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.43    | 035.42 | 0    |
| 035          | Sodium (%)                 | 0186     | 0.2929   | 0.0037 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.41    | 035.52 | 0    |
| 035          | Sodium (%)                 | 0675     | 0.2950   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.30    | 035.43 | 0    |
| 035          | Sodium (%)                 | 2322     | 0.2950   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.30    | 035.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 035          | Sodium (%)            | 0357     | 0.2950   | 0.0106 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.30    | 035.42 | 0    |
| 035          | Sodium (%)            | 0407     | 0.2951   | 0.0040 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.29    | 035.41 | 0    |
| 035          | Sodium (%)            | 0723     | 0.2958   | 0.0064 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.25    | 035.41 | 0    |
| 035          | Sodium (%)            | 0870     | 0.2962   | 0.0159 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.23    | 035.43 | 0    |
| 035          | Sodium (%)            | 0045     | 0.2965   | 0.0090 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.22    | 035.42 | 0    |
| 035          | Sodium (%)            | 2319     | 0.2970   | 0.0080 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.19    | 035.42 | 0    |
| 035          | Sodium (%)            | 0510     | 0.2980   | 0.0020 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.14    | 035.43 | 0    |
| 035          | Sodium (%)            | 0948     | 0.3000   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.03    | 035.31 | 0    |
| 035          | Sodium (%)            | 2196     | 0.3000   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.03    | 035.31 | 0    |
| 035          | Sodium (%)            | 0004     | 0.3000   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.03    | 035.41 | 0    |
| 035          | Sodium (%)            | 0100     | 0.3000   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | -0.03    | 035.99 | 0    |
| 035          | Sodium (%)            | 0042     | 0.3025   | 0.0030 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.10     | 035.42 | 0    |
| 035          | Sodium (%)            | 2392     | 0.3030   | 0.0140 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.13     | 035.05 | 0    |
| 035          | Sodium (%)            | 0366     | 0.3030   | 0.0260 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.13     | 035.42 | 0    |
| 035          | Sodium (%)            | 0693     | 0.3030   | 0.0160 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.13     | 035.42 | 0    |
| 035          | Sodium (%)            | 0108     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.05 | 0    |
| 035          | Sodium (%)            | 0019     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.41 | 0    |
| 035          | Sodium (%)            | 0144     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.41 | 0    |
| 035          | Sodium (%)            | 0083     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.43 | 0    |
| 035          | Sodium (%)            | 0098     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.43 | 0    |
| 035          | Sodium (%)            | 0123     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.99 | 0    |
| 035          | Sodium (%)            | 0242     | 0.3050   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.24     | 035.99 | 0    |
| 035          | Sodium (%)            | 0148     | 0.3065   | 0.0010 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.32     | 035.41 | 0    |
| 035          | Sodium (%)            | 0407     | 0.3065   | 0.0036 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.32     | 035.43 | 0    |
| 035          | Sodium (%)            | 0870     | 0.3075   | 0.0038 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.37     | 035.42 | 0    |
| 035          | Sodium (%)            | 2097     | 0.3083   | 0.0205 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.41     | 035.31 | 0    |
| 035          | Sodium (%)            | 0154     | 0.3090   | 0.0106 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.45     | 035.52 | 0    |
| 035          | Sodium (%)            | 0278     | 0.3100   | 0.0200 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.50     | 035.42 | 0    |
| 035          | Sodium (%)            | 0692     | 0.3100   | 0.0200 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.50     | 035.42 | 0    |
| 035          | Sodium (%)            | 0033     | 0.3100   | 0.0400 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.50     | 035.43 | 0    |
| 035          | Sodium (%)            | 0682     | 0.3100   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.50     | 035.43 | 0    |
| 035          | Sodium (%)            | 2114     | 0.3112   | 0.0016 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.57     | 035.41 | 0    |
| 035          | Sodium (%)            | 0968     | 0.3135   | 0.0030 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.69     | 035.43 | 0    |
| 035          | Sodium (%)            | 0098     | 0.3150   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.77     | 035.41 | 0    |
| 035          | Sodium (%)            | 0226     | 0.3150   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.77     | 035.43 | 0    |
| 035          | Sodium (%)            | 0407     | 0.3170   | 0.0046 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.88     | 035.53 | 0    |
| 035          | Sodium (%)            | 0037     | 0.3170   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | 0.88     | 035.42 | 0    |
| 035          | Sodium (%)            | 0190     | 0.3200   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.04     | 035.42 | 0    |
| 035          | Sodium (%)            | 2375     | 0.3200   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.04     | 035.42 | 0    |
| 035          | Sodium (%)            | 0354     | 0.3205   | 0.0010 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.06     | 035.41 | 0    |
| 035          | Sodium (%)            | 0066     | 0.3230   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.20     | 035.41 | 0    |
| 035          | Sodium (%)            | 0504     | 0.3250   | 0.0500 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.30     | 035.42 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 035          | Sodium (%)            | 0169     | 0.3250   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.30     | 035.32 | 0    |
| 035          | Sodium (%)            | 0035     | 0.3250   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.30     | 035.43 | 0    |
| 035          | Sodium (%)            | 0202     | 0.3250   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.30     | 035.43 | 0    |
| 035          | Sodium (%)            | 2089     | 0.3250   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.30     | 035.43 | 0    |
| 035          | Sodium (%)            | 0353     | 0.3290   | 0.0013 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.51     | 035.43 | 0    |
| 035          | Sodium (%)            | 0226     | 0.3350   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.84     | 035.41 | 0    |
| 035          | Sodium (%)            | 0726     | 0.3350   | 0.0100 | 0.3005         | 0.0188    | 0.0098    | 80      | 1.84     | 035.42 | 0    |
| 035          | Sodium (%)            | 2259     | 0.3395   | 0.0150 | 0.3005         | 0.0188    | 0.0098    | 80      | 2.08     | 035.41 | 0    |
| 035          | Sodium (%)            | 2434     | 0.3440   | 0.0000 | 0.3005         | 0.0188    | 0.0098    | 80      | 2.32     | 035.01 | 0    |
| 035          | Sodium (%)            | 0876     | 0.8800   | 0.9600 | 0.3005         | 0.0188    | 0.0098    | 80      | 30.88    | 035.43 | 2    |
| 036          | Sulfur (%)            | 0889     | 0.2750   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | -2.17    | 036.99 | 0    |
| 036          | Sulfur (%)            | 0692     | 0.2900   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.52    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0242     | 0.2900   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.52    | 036.99 | 0    |
| 036          | Sulfur (%)            | 0870     | 0.2931   | 0.0090 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.39    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0186     | 0.2937   | 0.0076 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.36    | 036.52 | 0    |
| 036          | Sulfur (%)            | 0171     | 0.2950   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.30    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0083     | 0.2950   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.30    | 036.43 | 0    |
| 036          | Sulfur (%)            | 0045     | 0.3005   | 0.0130 | 0.3251         | 0.0231    | 0.0109    | 43      | -1.07    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0294     | 0.3050   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.87    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0042     | 0.3090   | 0.0120 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.70    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0948     | 0.3098   | 0.0048 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.66    | 036.04 | 0    |
| 036          | Sulfur (%)            | 0164     | 0.3100   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.66    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0357     | 0.3133   | 0.0128 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.51    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0366     | 0.3150   | 0.0500 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.44    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0693     | 0.3150   | 0.0040 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.44    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0910     | 0.3150   | 0.0300 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.44    | 036.42 | 0    |
| 036          | Sulfur (%)            | 0407     | 0.3224   | 0.0046 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.12    | 036.43 | 0    |
| 036          | Sulfur (%)            | 0148     | 0.3265   | 0.0050 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.06     | 036.04 | 0    |
| 036          | Sulfur (%)            | 0876     | 0.3267   | 0.0051 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.07     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0708     | 0.3270   | 0.0040 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.08     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0505     | 0.3295   | 0.0070 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.19     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0001     | 0.3300   | 0.0160 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.21     | 036.04 | 0    |
| 036          | Sulfur (%)            | 0186     | 0.3313   | 0.0041 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.26     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0038     | 0.3315   | 0.0030 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.28     | 036.00 | 0    |
| 036          | Sulfur (%)            | 0870     | 0.3320   | 0.0086 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.30     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0037     | 0.3345   | 0.0070 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.41     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0202     | 0.3350   | 0.0300 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.43     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0226     | 0.3350   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.43     | 036.04 | 0    |
| 036          | Sulfur (%)            | 2375     | 0.3350   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.43     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0510     | 0.3350   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.43     | 036.43 | 0    |
| 036          | Sulfur (%)            | 2089     | 0.3350   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.43     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0098     | 0.3361   | 0.0045 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.47     | 036.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 036          | Sulfur (%)            | 0190     | 0.3400   | 0.0000 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.64     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0035     | 0.3400   | 0.0000 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.64     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0682     | 0.3400   | 0.0000 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.64     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0066     | 0.3415   | 0.0030 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.71     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0407     | 0.3419   | 0.0035 | 0.3251         | 0.0231    | 0.0109    | 43      | 0.72     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0726     | 0.3500   | 0.0000 | 0.3251         | 0.0231    | 0.0109    | 43      | 1.08     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0169     | 0.3500   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | 1.08     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0353     | 0.3550   | 0.0100 | 0.3251         | 0.0231    | 0.0109    | 43      | 1.29     | 036.43 | 0    |
| 036          | Sulfur (%)            | 0278     | 0.3600   | 0.0000 | 0.3251         | 0.0231    | 0.0109    | 43      | 1.51     | 036.42 | 0    |
| 036          | Sulfur (%)            | 0123     | 0.3600   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | 1.51     | 036.99 | 0    |
| 036          | Sulfur (%)            | 0229     | 0.4200   | 0.0200 | 0.3251         | 0.0231    | 0.0109    | 43      | 4.11     | 036.04 | 0    |
| 036          | Sulfur (%)            | 2129     | 0.3041   | 0.1020 | 0.3251         | 0.0231    | 0.0109    | 43      | -0.91    | 036.42 | 1    |
| 037          | Zinc (ppm)            | 0171     | 21.95    | 1.900  | 122.1          | 12.68     | 4.149     | 84      | -7.90    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0354     | 73.99    | 0.6200 | 122.1          | 12.68     | 4.149     | 84      | -3.80    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0536     | 90.68    | 4.250  | 122.1          | 12.68     | 4.149     | 84      | -2.48    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0066     | 93.68    | 1.990  | 122.1          | 12.68     | 4.149     | 84      | -2.24    | 037.44 | 0    |
| 037          | Zinc (ppm)            | 0622     | 97.45    | 1.545  | 122.1          | 12.68     | 4.149     | 84      | -1.95    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0848     | 103.3    | 0.4800 | 122.1          | 12.68     | 4.149     | 84      | -1.49    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0164     | 103.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | -1.47    | 037.44 | 0    |
| 037          | Zinc (ppm)            | 0529     | 104.1    | 2.800  | 122.1          | 12.68     | 4.149     | 84      | -1.42    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0870     | 104.7    | 6.700  | 122.1          | 12.68     | 4.149     | 84      | -1.38    | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0619     | 106.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | -1.23    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 2322     | 106.7    | 0.7300 | 122.1          | 12.68     | 4.149     | 84      | -1.22    | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0598     | 106.8    | 1.974  | 122.1          | 12.68     | 4.149     | 84      | -1.21    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0590     | 107.5    | 9.000  | 122.1          | 12.68     | 4.149     | 84      | -1.15    | 037.99 | 0    |
| 037          | Zinc (ppm)            | 2188     | 108.6    | 0.6100 | 122.1          | 12.68     | 4.149     | 84      | -1.07    | 037.34 | 0    |
| 037          | Zinc (ppm)            | 0674     | 109.7    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | -0.98    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 2196     | 110.2    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | -0.94    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 2129     | 110.4    | 0.8000 | 122.1          | 12.68     | 4.149     | 84      | -0.93    | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0358     | 111.0    | 8.810  | 122.1          | 12.68     | 4.149     | 84      | -0.88    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0692     | 111.0    | 4.000  | 122.1          | 12.68     | 4.149     | 84      | -0.88    | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0689     | 111.2    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | -0.86    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0651     | 111.6    | 2.823  | 122.1          | 12.68     | 4.149     | 84      | -0.83    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0019     | 113.0    | 7.400  | 122.1          | 12.68     | 4.149     | 84      | -0.72    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0889     | 113.8    | 3.640  | 122.1          | 12.68     | 4.149     | 84      | -0.66    | 037.99 | 0    |
| 037          | Zinc (ppm)            | 0511     | 114.0    | 6.000  | 122.1          | 12.68     | 4.149     | 84      | -0.64    | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0723     | 115.1    | 9.538  | 122.1          | 12.68     | 4.149     | 84      | -0.55    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0226     | 115.5    | 3.080  | 122.1          | 12.68     | 4.149     | 84      | -0.52    | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0098     | 115.8    | 4.300  | 122.1          | 12.68     | 4.149     | 84      | -0.50    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0045     | 116.0    | 8.000  | 122.1          | 12.68     | 4.149     | 84      | -0.48    | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0226     | 116.5    | 0.6800 | 122.1          | 12.68     | 4.149     | 84      | -0.44    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0229     | 118.0    | 10.00  | 122.1          | 12.68     | 4.149     | 84      | -0.33    | 037.41 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 037          | Zinc (ppm)            | 2114     | 119.4    | 8.020  | 122.1          | 12.68     | 4.149     | 84      | -0.22    | 037.44 | 0    |
| 037          | Zinc (ppm)            | 2195     | 120.4    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | -0.14    | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0186     | 120.5    | 5.000  | 122.1          | 12.68     | 4.149     | 84      | -0.13    | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0870     | 120.5    | 2.600  | 122.1          | 12.68     | 4.149     | 84      | -0.13    | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0939     | 120.5    | 5.000  | 122.1          | 12.68     | 4.149     | 84      | -0.13    | 037.53 | 0    |
| 037          | Zinc (ppm)            | 0968     | 120.8    | 1.595  | 122.1          | 12.68     | 4.149     | 84      | -0.10    | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0948     | 121.2    | 2.050  | 122.1          | 12.68     | 4.149     | 84      | -0.08    | 037.33 | 0    |
| 037          | Zinc (ppm)            | 0049     | 121.3    | 19.90  | 122.1          | 12.68     | 4.149     | 84      | -0.06    | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0186     | 121.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | -0.05    | 037.52 | 0    |
| 037          | Zinc (ppm)            | 0510     | 123.0    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | 0.07     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0876     | 123.3    | 5.030  | 122.1          | 12.68     | 4.149     | 84      | 0.09     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 2097     | 123.5    | 7.000  | 122.1          | 12.68     | 4.149     | 84      | 0.11     | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0682     | 123.6    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | 0.11     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0939     | 123.7    | 3.110  | 122.1          | 12.68     | 4.149     | 84      | 0.12     | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0357     | 124.1    | 6.910  | 122.1          | 12.68     | 4.149     | 84      | 0.15     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0407     | 124.2    | 0.4438 | 122.1          | 12.68     | 4.149     | 84      | 0.16     | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0083     | 124.3    | 5.430  | 122.1          | 12.68     | 4.149     | 84      | 0.17     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 2445     | 124.5    | 1.310  | 122.1          | 12.68     | 4.149     | 84      | 0.18     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0263     | 124.8    | 0.7170 | 122.1          | 12.68     | 4.149     | 84      | 0.21     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0910     | 125.0    | 4.000  | 122.1          | 12.68     | 4.149     | 84      | 0.22     | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0294     | 125.0    | 0.1200 | 122.1          | 12.68     | 4.149     | 84      | 0.22     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 2319     | 127.0    | 2.000  | 122.1          | 12.68     | 4.149     | 84      | 0.38     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0202     | 128.0    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | 0.46     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0123     | 128.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | 0.50     | 037.99 | 0    |
| 037          | Zinc (ppm)            | 0242     | 129.0    | 2.000  | 122.1          | 12.68     | 4.149     | 84      | 0.54     | 037.99 | 0    |
| 037          | Zinc (ppm)            | 0848     | 129.5    | 4.110  | 122.1          | 12.68     | 4.149     | 84      | 0.58     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0010     | 130.0    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | 0.62     | 037.33 | 0    |
| 037          | Zinc (ppm)            | 0042     | 130.0    | 0.0000 | 122.1          | 12.68     | 4.149     | 84      | 0.62     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0098     | 130.5    | 2.500  | 122.1          | 12.68     | 4.149     | 84      | 0.65     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0675     | 131.1    | 1.080  | 122.1          | 12.68     | 4.149     | 84      | 0.70     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0033     | 131.5    | 3.000  | 122.1          | 12.68     | 4.149     | 84      | 0.74     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0693     | 131.6    | 12.30  | 122.1          | 12.68     | 4.149     | 84      | 0.75     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0366     | 132.0    | 6.000  | 122.1          | 12.68     | 4.149     | 84      | 0.78     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0001     | 132.3    | 6.300  | 122.1          | 12.68     | 4.149     | 84      | 0.80     | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0004     | 132.5    | 18.00  | 122.1          | 12.68     | 4.149     | 84      | 0.81     | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0035     | 132.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | 0.82     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0100     | 132.5    | 11.00  | 122.1          | 12.68     | 4.149     | 84      | 0.82     | 037.99 | 0    |
| 037          | Zinc (ppm)            | 0921     | 132.7    | 9.600  | 122.1          | 12.68     | 4.149     | 84      | 0.83     | 037.31 | 0    |
| 037          | Zinc (ppm)            | 0148     | 133.0    | 4.373  | 122.1          | 12.68     | 4.149     | 84      | 0.85     | 037.41 | 0    |
| 037          | Zinc (ppm)            | 0610     | 133.3    | 13.50  | 122.1          | 12.68     | 4.149     | 84      | 0.88     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0169     | 133.5    | 1.000  | 122.1          | 12.68     | 4.149     | 84      | 0.90     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0505     | 134.2    | 1.700  | 122.1          | 12.68     | 4.149     | 84      | 0.95     | 037.43 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 037          | Zinc (ppm)            | 0038     | 134.5    | 7.000  | 122.1          | 12.68     | 4.149     | 84      | 0.97     | 037.32 | 0    |
| 037          | Zinc (ppm)            | 0353     | 135.0    | 2.000  | 122.1          | 12.68     | 4.149     | 84      | 1.01     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0278     | 135.3    | 10.30  | 122.1          | 12.68     | 4.149     | 84      | 1.03     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 2089     | 135.7    | 6.910  | 122.1          | 12.68     | 4.149     | 84      | 1.07     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0407     | 135.7    | 1.990  | 122.1          | 12.68     | 4.149     | 84      | 1.07     | 037.53 | 0    |
| 037          | Zinc (ppm)            | 0027     | 136.1    | 5.098  | 122.1          | 12.68     | 4.149     | 84      | 1.10     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0726     | 137.5    | 0.6000 | 122.1          | 12.68     | 4.149     | 84      | 1.21     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0037     | 138.9    | 9.700  | 122.1          | 12.68     | 4.149     | 84      | 1.32     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0009     | 139.0    | 14.00  | 122.1          | 12.68     | 4.149     | 84      | 1.33     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 0407     | 140.3    | 1.489  | 122.1          | 12.68     | 4.149     | 84      | 1.43     | 037.43 | 0    |
| 037          | Zinc (ppm)            | 0190     | 144.2    | 1.450  | 122.1          | 12.68     | 4.149     | 84      | 1.74     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 2375     | 145.5    | 3.000  | 122.1          | 12.68     | 4.149     | 84      | 1.84     | 037.42 | 0    |
| 037          | Zinc (ppm)            | 2192     | 140.0    | 40.00  | 122.1          | 12.68     | 4.149     | 84      | 1.41     | 037.43 | 1    |
| 037          | Zinc (ppm)            | 0504     | 165.5    | 33.00  | 122.1          | 12.68     | 4.149     | 84      | 3.42     | 037.42 | 1    |
| 037          | Zinc (ppm)            | 0047     | 206.2    | 29.56  | 122.1          | 12.68     | 4.149     | 84      | 6.63     | 037.52 | 1    |
| 038          | Molybdenum (ppm)      | 0353     | 0.3323   | 0.0403 | 1.492          | 0.3685    | 0.1074    | 17      | -3.15    | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0910     | 0.9500   | 0.0400 | 1.492          | 0.3685    | 0.1074    | 17      | -1.47    | 038.52 | 0    |
| 038          | Molybdenum (ppm)      | 0186     | 0.9878   | 0.0592 | 1.492          | 0.3685    | 0.1074    | 17      | -1.37    | 038.52 | 0    |
| 038          | Molybdenum (ppm)      | 0692     | 1.150    | 0.1000 | 1.492          | 0.3685    | 0.1074    | 17      | -0.93    | 038.42 | 0    |
| 038          | Molybdenum (ppm)      | 0083     | 1.360    | 0.0600 | 1.492          | 0.3685    | 0.1074    | 17      | -0.36    | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0202     | 1.450    | 0.3600 | 1.492          | 0.3685    | 0.1074    | 17      | -0.11    | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0407     | 1.467    | 0.0431 | 1.492          | 0.3685    | 0.1074    | 17      | -0.07    | 038.41 | 0    |
| 038          | Molybdenum (ppm)      | 0407     | 1.517    | 0.0413 | 1.492          | 0.3685    | 0.1074    | 17      | 0.07     | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0407     | 1.544    | 0.1124 | 1.492          | 0.3685    | 0.1074    | 17      | 0.14     | 038.53 | 0    |
| 038          | Molybdenum (ppm)      | 0278     | 1.585    | 0.1100 | 1.492          | 0.3685    | 0.1074    | 17      | 0.25     | 038.42 | 0    |
| 038          | Molybdenum (ppm)      | 0510     | 1.600    | 0.0000 | 1.492          | 0.3685    | 0.1074    | 17      | 0.29     | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0045     | 1.610    | 0.2200 | 1.492          | 0.3685    | 0.1074    | 17      | 0.32     | 038.42 | 0    |
| 038          | Molybdenum (ppm)      | 0164     | 1.775    | 0.1700 | 1.492          | 0.3685    | 0.1074    | 17      | 0.77     | 038.53 | 0    |
| 038          | Molybdenum (ppm)      | 0939     | 1.780    | 0.0600 | 1.492          | 0.3685    | 0.1074    | 17      | 0.78     | 038.53 | 0    |
| 038          | Molybdenum (ppm)      | 0148     | 1.795    | 0.1700 | 1.492          | 0.3685    | 0.1074    | 17      | 0.82     | 038.41 | 0    |
| 038          | Molybdenum (ppm)      | 0226     | 1.810    | 0.0200 | 1.492          | 0.3685    | 0.1074    | 17      | 0.86     | 038.41 | 0    |
| 038          | Molybdenum (ppm)      | 0169     | 2.295    | 0.4700 | 1.492          | 0.3685    | 0.1074    | 17      | 2.18     | 038.43 | 0    |
| 038          | Molybdenum (ppm)      | 0366     | 2.600    | 1.600  | 1.492          | 0.3685    | 0.1074    | 17      | 3.01     | 038.42 | 1    |
| 040          | Barium (ppm)          | 0407     | 16.02    | 1.939  |                |           |           | 1       |          | 040.53 | 0    |
| 041          | Vanadium (ppm)        | 0407     | 0.5485   | 0.0016 |                |           |           | 1       |          | 041.53 | 0    |
| 042          | Chloride (%)          | 0619     | 0.6465   | 0.0190 | 0.7669         | 0.1187    | 0.0173    | 7       | -1.01    | 042.00 | 0    |
| 042          | Chloride (%)          | 2434     | 0.6470   | 0.0000 | 0.7669         | 0.1187    | 0.0173    | 7       | -1.01    | 042.01 | 0    |
| 042          | Chloride (%)          | 0226     | 0.7400   | 0.0000 | 0.7669         | 0.1187    | 0.0173    | 7       | -0.23    | 042.00 | 0    |
| 042          | Chloride (%)          | 0948     | 0.7500   | 0.0000 | 0.7669         | 0.1187    | 0.0173    | 7       | -0.14    | 042.00 | 0    |
| 042          | Chloride (%)          | 0610     | 0.7850   | 0.0300 | 0.7669         | 0.1187    | 0.0173    | 7       | 0.15     | 042.00 | 0    |
| 042          | Chloride (%)          | 2200     | 0.8950   | 0.0100 | 0.7669         | 0.1187    | 0.0173    | 7       | 1.08     | 042.00 | 0    |
| 042          | Chloride (%)          | 2199     | 0.9050   | 0.0100 | 0.7669         | 0.1187    | 0.0173    | 7       | 1.16     | 042.00 | 0    |

| Method Group | Analyte Group (Units)           | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|---------------------------------|----------|----------|--------|----------------|-----------|-----------|---------|------------------|-------------|------|
|              |                                 |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests |                  |             |      |
| 101          | Choline Chloride (ppm)          | 0227     | 1,320    | 40.00  |                |           |           | 1       |                  | 101.99      | 0    |
| 102          | Niacin (ppm)                    | 2319     | 25.00    | 0.0000 |                |           |           | 2       |                  | 102.02      | 0    |
| 102          | Niacin (ppm)                    | 0227     | 83.40    | 1.600  |                |           |           | 2       |                  | 102.01      | 0    |
| 103          | Pantothenic Acid (ppm)          | 0227     | 12.55    | 0.9000 |                |           |           | 1       |                  | 103.01      | 0    |
| 104          | Riboflavin (ppm)                | 0910     | 1.350    | 0.0200 |                |           |           | 3       |                  | 104.03      | 0    |
| 104          | Riboflavin (ppm)                | 2319     | 1.850    | 0.0600 |                |           |           | 3       |                  | 104.03      | 0    |
| 104          | Riboflavin (ppm)                | 0227     | 2.600    | 0.3400 |                |           |           | 3       |                  | 104.00      | 0    |
| 105          | Thiamine (ppm)                  | 2319     | 2.430    | 0.0800 |                |           |           | 2       |                  | 105.00      | 0    |
| 105          | Thiamine (ppm)                  | 0227     | 5.445    | 0.0100 |                |           |           | 2       |                  | 105.01      | 0    |
| 106          | Vitamin A (KU / kg)             | 0098     | 6.510    | 1.880  | 7.869          | 1.418     | 1.396     | 10      | -0.96            | 106.01      | 0    |
| 106          | Vitamin A (KU / kg)             | 2319     | 6.565    | 0.2900 | 7.869          | 1.418     | 1.396     | 10      | -0.92            | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0910     | 6.700    | 0.8000 | 7.869          | 1.418     | 1.396     | 10      | -0.82            | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0227     | 6.805    | 0.1300 | 7.869          | 1.418     | 1.396     | 10      | -0.75            | 106.00      | 0    |
| 106          | Vitamin A (KU / kg)             | 0148     | 7.445    | 0.5630 | 7.869          | 1.418     | 1.396     | 10      | -0.30            | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0619     | 8.000    | 2.140  | 7.869          | 1.418     | 1.396     | 10      | 0.09             | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0870     | 8.650    | 5.633  | 7.869          | 1.418     | 1.396     | 10      | 0.55             | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0610     | 8.800    | 0.2000 | 7.869          | 1.418     | 1.396     | 10      | 0.66             | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0038     | 9.220    | 2.340  | 7.869          | 1.418     | 1.396     | 10      | 0.95             | 106.02      | 0    |
| 106          | Vitamin A (KU / kg)             | 0676     | 11.75    | 2.300  | 7.869          | 1.418     | 1.396     | 10      | 2.74             | 106.02      | 0    |
| 107          | Vitamin B12 (ppb)               | 0227     | 6.775    | 0.2100 |                |           |           | 1       |                  | 107.00      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0910     | 1.925    | 0.0300 | 2.453          | 0.6066    | 0.2083    | 6       | -0.87            | 108.02      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0619     | 2.030    | 0.4000 | 2.453          | 0.6066    | 0.2083    | 6       | -0.70            | 108.02      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 2319     | 2.255    | 0.1300 | 2.453          | 0.6066    | 0.2083    | 6       | -0.33            | 108.02      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0010     | 2.325    | 0.1100 | 2.453          | 0.6066    | 0.2083    | 6       | -0.21            | 108.99      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0227     | 2.860    | 0.3400 | 2.453          | 0.6066    | 0.2083    | 6       | 0.67             | 108.02      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0870     | 3.320    | 0.2400 | 2.453          | 0.6066    | 0.2083    | 6       | 1.43             | 108.02      | 0    |
| 108          | Vitamin D3 (KU / kg)            | 0148     | 57.73    | 3.810  | 2.453          | 0.6066    | 0.2083    | 6       | 91.12            | 108.02      | 1    |
| 108          | Vitamin D3 (KU / kg)            | 0610     | < 5      |        | 2.453          | 0.6066    | 0.2083    | 6       |                  | 108.02      | 5    |
| 109          | Vitamin E (IU / kg)             | 0038     | 28.22    | 2.500  | 51.08          | 15.87     | 2.675     | 13      | -1.44            | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0171     | 33.50    | 3.000  | 51.08          | 15.87     | 2.675     | 13      | -1.11            | 109.99      | 0    |
| 109          | Vitamin E (IU / kg)             | 0098     | 36.50    | 9.000  | 51.08          | 15.87     | 2.675     | 13      | -0.92            | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0619     | 41.00    | 4.000  | 51.08          | 15.87     | 2.675     | 13      | -0.64            | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0910     | 51.10    | 4.200  | 51.08          | 15.87     | 2.675     | 13      | 0.00             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0676     | 51.50    | 0.4000 | 51.08          | 15.87     | 2.675     | 13      | 0.03             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 2188     | 51.60    | 5.160  | 51.08          | 15.87     | 2.675     | 13      | 0.03             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0148     | 54.30    | 0.2000 | 51.08          | 15.87     | 2.675     | 13      | 0.20             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0227     | 54.80    | 1.400  | 51.08          | 15.87     | 2.675     | 13      | 0.23             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0610     | 55.85    | 4.500  | 51.08          | 15.87     | 2.675     | 13      | 0.30             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 2319     | 55.90    | 2.000  | 51.08          | 15.87     | 2.675     | 13      | 0.30             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0870     | 78.68    | 0.4030 | 51.08          | 15.87     | 2.675     | 13      | 1.74             | 109.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0590     | 149.5    | 1.000  | 51.08          | 15.87     | 2.675     | 13      | 6.20             | 109.02      | 0    |
| 111          | Vitamin C, Phosphorylated (ppm) | 0227     | < 4.4    |        |                |           |           | 0       |                  | 111.00      | 5    |

| Method Group | Analyte Group (Units)   | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-------------------------|----------|----------|--------|----------------|-----------|-----------|---------|------------------|-------------|------|
|              |                         |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests |                  |             |      |
| 112          | Pyridoxine (µg / g)     | 2319     | 3.250    | 0.2000 |                |           |           | 2       |                  | 112.01      | 0    |
| 112          | Pyridoxine (µg / g)     | 0227     | 4.455    | 0.0300 |                |           |           | 2       |                  | 112.01      | 0    |
| 113          | Folic Acid (ppm)        | 0227     | 1.170    | 0.0600 |                |           |           | 1       |                  | 113.01      | 0    |
| 113          | Folic Acid (ppm)        | 2319     | < 0.2    |        |                |           |           | 1       |                  | 113.02      | 5    |
| 114          | Biotin (ppm)            | 0227     | 0.2210   | 0.0060 |                |           |           | 1       |                  | 114.99      | 0    |
| 115          | Non Protein N (NPN) (%) | 0407     | 0.1300   | 0.0000 |                |           |           | 2       |                  | 115.00      | 0    |
| 115          | Non Protein N (NPN) (%) | 0098     | 1.250    | 0.0600 |                |           |           | 2       |                  | 115.00      | 0    |
| 120          | Alanine (%)             | 2322     | 0.4864   | 0.0001 | 0.7536         | 0.0332    | 0.0115    | 36      | -8.05            | 120.00      | 0    |
| 120          | Alanine (%)             | 0407     | 0.6670   | 0.0160 | 0.7536         | 0.0332    | 0.0115    | 36      | -2.61            | 120.05      | 0    |
| 120          | Alanine (%)             | 2188     | 0.6780   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | -2.28            | 120.05      | 0    |
| 120          | Alanine (%)             | 2246     | 0.6953   | 0.0150 | 0.7536         | 0.0332    | 0.0115    | 36      | -1.76            | 120.05      | 0    |
| 120          | Alanine (%)             | 0889     | 0.7100   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | -1.31            | 120.99      | 0    |
| 120          | Alanine (%)             | 2196     | 0.7160   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | -1.13            | 120.05      | 0    |
| 120          | Alanine (%)             | 2319     | 0.7300   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.71            | 120.05      | 0    |
| 120          | Alanine (%)             | 2443     | 0.7305   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.70            | 120.00      | 0    |
| 120          | Alanine (%)             | 0148     | 0.7325   | 0.0070 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.64            | 120.05      | 0    |
| 120          | Alanine (%)             | 0684     | 0.7350   | 0.0100 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.56            | 120.00      | 0    |
| 120          | Alanine (%)             | 0872     | 0.7350   | 0.0100 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.56            | 120.00      | 0    |
| 120          | Alanine (%)             | 0675     | 0.7400   | 0.0200 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.41            | 120.00      | 0    |
| 120          | Alanine (%)             | 0968     | 0.7400   | 0.0200 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.41            | 120.00      | 0    |
| 120          | Alanine (%)             | 0626     | 0.7470   | 0.0020 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.20            | 120.05      | 0    |
| 120          | Alanine (%)             | 2059     | 0.7485   | 0.0010 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.15            | 120.00      | 0    |
| 120          | Alanine (%)             | 0353     | 0.7500   | 0.0200 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.11            | 120.00      | 0    |
| 120          | Alanine (%)             | 0354     | 0.7520   | 0.0120 | 0.7536         | 0.0332    | 0.0115    | 36      | -0.05            | 120.00      | 0    |
| 120          | Alanine (%)             | 0504     | 0.7550   | 0.0100 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.04             | 120.00      | 0    |
| 120          | Alanine (%)             | 0610     | 0.7550   | 0.0100 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.04             | 120.05      | 0    |
| 120          | Alanine (%)             | 0226     | 0.7596   | 0.0084 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.18             | 120.00      | 0    |
| 120          | Alanine (%)             | 2146     | 0.7600   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.19             | 120.99      | 0    |
| 120          | Alanine (%)             | 0571     | 0.7605   | 0.0030 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.21             | 120.00      | 0    |
| 120          | Alanine (%)             | 0098     | 0.7670   | 0.0020 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.40             | 120.02      | 0    |
| 120          | Alanine (%)             | 0941     | 0.7680   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.43             | 120.00      | 0    |
| 120          | Alanine (%)             | 0227     | 0.7700   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.49             | 120.99      | 0    |
| 120          | Alanine (%)             | 0644     | 0.7735   | 0.0210 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.60             | 120.00      | 0    |
| 120          | Alanine (%)             | 0859     | 0.7748   | 0.0029 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.64             | 120.00      | 0    |
| 120          | Alanine (%)             | 0910     | 0.7750   | 0.0300 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.64             | 120.00      | 0    |
| 120          | Alanine (%)             | 0723     | 0.7765   | 0.0010 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.69             | 120.00      | 0    |
| 120          | Alanine (%)             | 0870     | 0.7795   | 0.0050 | 0.7536         | 0.0332    | 0.0115    | 36      | 0.78             | 120.05      | 0    |
| 120          | Alanine (%)             | 0939     | 0.7900   | 0.0200 | 0.7536         | 0.0332    | 0.0115    | 36      | 1.10             | 120.00      | 0    |
| 120          | Alanine (%)             | 2144     | 0.7900   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | 1.10             | 120.99      | 0    |
| 120          | Alanine (%)             | 0619     | 0.7920   | 0.0040 | 0.7536         | 0.0332    | 0.0115    | 36      | 1.16             | 120.00      | 0    |
| 120          | Alanine (%)             | 2195     | 0.7950   | 0.0300 | 0.7536         | 0.0332    | 0.0115    | 36      | 1.25             | 120.05      | 0    |
| 120          | Alanine (%)             | 0676     | 0.8100   | 0.0400 | 0.7536         | 0.0332    | 0.0115    | 36      | 1.70             | 120.05      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 120          | Alanine (%)           | 0682     | 0.8390   | 0.0000 | 0.7536         | 0.0332    | 0.0115    | 36      | 2.57     | 120.00 | 0    |
| 121          | Arginine (%)          | 2322     | 0.6555   | 0.0004 | 1.067          | 0.0605    | 0.0218    | 34      | -6.81    | 121.00 | 0    |
| 121          | Arginine (%)          | 0353     | 0.8250   | 0.0500 | 1.067          | 0.0605    | 0.0218    | 34      | -4.00    | 121.00 | 0    |
| 121          | Arginine (%)          | 0889     | 0.9350   | 0.0500 | 1.067          | 0.0605    | 0.0218    | 34      | -2.19    | 121.99 | 0    |
| 121          | Arginine (%)          | 2188     | 0.9790   | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | -1.46    | 121.05 | 0    |
| 121          | Arginine (%)          | 0684     | 1.010    | 0.0600 | 1.067          | 0.0605    | 0.0218    | 34      | -0.95    | 121.00 | 0    |
| 121          | Arginine (%)          | 0675     | 1.015    | 0.0300 | 1.067          | 0.0605    | 0.0218    | 34      | -0.86    | 121.00 | 0    |
| 121          | Arginine (%)          | 2443     | 1.021    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | -0.77    | 121.00 | 0    |
| 121          | Arginine (%)          | 0968     | 1.025    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | -0.70    | 121.00 | 0    |
| 121          | Arginine (%)          | 0226     | 1.038    | 0.0354 | 1.067          | 0.0605    | 0.0218    | 34      | -0.48    | 121.00 | 0    |
| 121          | Arginine (%)          | 0626     | 1.041    | 0.0410 | 1.067          | 0.0605    | 0.0218    | 34      | -0.44    | 121.05 | 0    |
| 121          | Arginine (%)          | 0098     | 1.041    | 0.0020 | 1.067          | 0.0605    | 0.0218    | 34      | -0.43    | 121.02 | 0    |
| 121          | Arginine (%)          | 0354     | 1.045    | 0.0190 | 1.067          | 0.0605    | 0.0218    | 34      | -0.38    | 121.00 | 0    |
| 121          | Arginine (%)          | 0227     | 1.045    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | -0.37    | 121.99 | 0    |
| 121          | Arginine (%)          | 0872     | 1.048    | 0.0060 | 1.067          | 0.0605    | 0.0218    | 34      | -0.32    | 121.00 | 0    |
| 121          | Arginine (%)          | 0407     | 1.049    | 0.0070 | 1.067          | 0.0605    | 0.0218    | 34      | -0.31    | 121.05 | 0    |
| 121          | Arginine (%)          | 2196     | 1.051    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | -0.27    | 121.05 | 0    |
| 121          | Arginine (%)          | 0504     | 1.055    | 0.0300 | 1.067          | 0.0605    | 0.0218    | 34      | -0.20    | 121.00 | 0    |
| 121          | Arginine (%)          | 2144     | 1.070    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | 0.05     | 121.99 | 0    |
| 121          | Arginine (%)          | 0939     | 1.075    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | 0.13     | 121.00 | 0    |
| 121          | Arginine (%)          | 0148     | 1.085    | 0.0500 | 1.067          | 0.0605    | 0.0218    | 34      | 0.29     | 121.05 | 0    |
| 121          | Arginine (%)          | 0723     | 1.092    | 0.0010 | 1.067          | 0.0605    | 0.0218    | 34      | 0.40     | 121.00 | 0    |
| 121          | Arginine (%)          | 2059     | 1.093    | 0.0080 | 1.067          | 0.0605    | 0.0218    | 34      | 0.43     | 121.00 | 0    |
| 121          | Arginine (%)          | 0859     | 1.094    | 0.0042 | 1.067          | 0.0605    | 0.0218    | 34      | 0.44     | 121.00 | 0    |
| 121          | Arginine (%)          | 0610     | 1.095    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | 0.46     | 121.05 | 0    |
| 121          | Arginine (%)          | 2319     | 1.095    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | 0.46     | 121.05 | 0    |
| 121          | Arginine (%)          | 0644     | 1.099    | 0.0300 | 1.067          | 0.0605    | 0.0218    | 34      | 0.53     | 121.00 | 0    |
| 121          | Arginine (%)          | 0571     | 1.110    | 0.0010 | 1.067          | 0.0605    | 0.0218    | 34      | 0.70     | 121.00 | 0    |
| 121          | Arginine (%)          | 2146     | 1.110    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | 0.71     | 121.99 | 0    |
| 121          | Arginine (%)          | 0619     | 1.115    | 0.0500 | 1.067          | 0.0605    | 0.0218    | 34      | 0.79     | 121.00 | 0    |
| 121          | Arginine (%)          | 0941     | 1.133    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | 1.09     | 121.00 | 0    |
| 121          | Arginine (%)          | 0910     | 1.155    | 0.0300 | 1.067          | 0.0605    | 0.0218    | 34      | 1.45     | 121.00 | 0    |
| 121          | Arginine (%)          | 2195     | 1.195    | 0.0100 | 1.067          | 0.0605    | 0.0218    | 34      | 2.11     | 121.05 | 0    |
| 121          | Arginine (%)          | 0682     | 1.226    | 0.0000 | 1.067          | 0.0605    | 0.0218    | 34      | 2.63     | 121.00 | 0    |
| 121          | Arginine (%)          | 0676     | 1.245    | 0.0300 | 1.067          | 0.0605    | 0.0218    | 34      | 2.94     | 121.05 | 0    |
| 121          | Arginine (%)          | 2246     | 1.131    | 0.1217 | 1.067          | 0.0605    | 0.0218    | 34      | 1.05     | 121.05 | 1    |
| 121          | Arginine (%)          | 0870     | 1.209    | 0.1260 | 1.067          | 0.0605    | 0.0218    | 34      | 2.34     | 121.05 | 1    |
| 122          | Aspartic (%)          | 2322     | 0.7279   | 0.0002 | 1.165          | 0.0536    | 0.0212    | 36      | -8.15    | 122.00 | 0    |
| 122          | Aspartic (%)          | 2188     | 1.010    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | -2.89    | 122.05 | 0    |
| 122          | Aspartic (%)          | 2246     | 1.037    | 0.0333 | 1.165          | 0.0536    | 0.0212    | 36      | -2.39    | 122.05 | 0    |
| 122          | Aspartic (%)          | 0407     | 1.073    | 0.0240 | 1.165          | 0.0536    | 0.0212    | 36      | -1.71    | 122.05 | 0    |
| 122          | Aspartic (%)          | 0619     | 1.090    | 0.0400 | 1.165          | 0.0536    | 0.0212    | 36      | -1.40    | 122.00 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 122          | Aspartic (%)          | 0684     | 1.110    | 0.0200 | 1.165          | 0.0536    | 0.0212    | 36      | -1.02    | 122.00 | 0    |
| 122          | Aspartic (%)          | 0626     | 1.111    | 0.0080 | 1.165          | 0.0536    | 0.0212    | 36      | -1.01    | 122.05 | 0    |
| 122          | Aspartic (%)          | 2443     | 1.129    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | -0.67    | 122.00 | 0    |
| 122          | Aspartic (%)          | 0889     | 1.135    | 0.0100 | 1.165          | 0.0536    | 0.0212    | 36      | -0.56    | 122.99 | 0    |
| 122          | Aspartic (%)          | 2195     | 1.140    | 0.0400 | 1.165          | 0.0536    | 0.0212    | 36      | -0.46    | 122.05 | 0    |
| 122          | Aspartic (%)          | 0859     | 1.148    | 0.0015 | 1.165          | 0.0536    | 0.0212    | 36      | -0.32    | 122.00 | 0    |
| 122          | Aspartic (%)          | 2196     | 1.154    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | -0.20    | 122.05 | 0    |
| 122          | Aspartic (%)          | 0675     | 1.155    | 0.0300 | 1.165          | 0.0536    | 0.0212    | 36      | -0.18    | 122.00 | 0    |
| 122          | Aspartic (%)          | 0504     | 1.160    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | -0.09    | 122.00 | 0    |
| 122          | Aspartic (%)          | 0968     | 1.160    | 0.0400 | 1.165          | 0.0536    | 0.0212    | 36      | -0.09    | 122.00 | 0    |
| 122          | Aspartic (%)          | 0148     | 1.165    | 0.0100 | 1.165          | 0.0536    | 0.0212    | 36      | 0.00     | 122.05 | 0    |
| 122          | Aspartic (%)          | 0610     | 1.165    | 0.0100 | 1.165          | 0.0536    | 0.0212    | 36      | 0.00     | 122.05 | 0    |
| 122          | Aspartic (%)          | 0354     | 1.168    | 0.0020 | 1.165          | 0.0536    | 0.0212    | 36      | 0.06     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0872     | 1.170    | 0.0120 | 1.165          | 0.0536    | 0.0212    | 36      | 0.10     | 122.00 | 0    |
| 122          | Aspartic (%)          | 2059     | 1.175    | 0.0050 | 1.165          | 0.0536    | 0.0212    | 36      | 0.18     | 122.00 | 0    |
| 122          | Aspartic (%)          | 2319     | 1.175    | 0.0100 | 1.165          | 0.0536    | 0.0212    | 36      | 0.19     | 122.05 | 0    |
| 122          | Aspartic (%)          | 0226     | 1.176    | 0.0325 | 1.165          | 0.0536    | 0.0212    | 36      | 0.20     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0644     | 1.178    | 0.0300 | 1.165          | 0.0536    | 0.0212    | 36      | 0.24     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0571     | 1.179    | 0.0040 | 1.165          | 0.0536    | 0.0212    | 36      | 0.26     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0353     | 1.180    | 0.0400 | 1.165          | 0.0536    | 0.0212    | 36      | 0.28     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0723     | 1.188    | 0.0010 | 1.165          | 0.0536    | 0.0212    | 36      | 0.42     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0098     | 1.188    | 0.0160 | 1.165          | 0.0536    | 0.0212    | 36      | 0.43     | 122.02 | 0    |
| 122          | Aspartic (%)          | 0227     | 1.190    | 0.0200 | 1.165          | 0.0536    | 0.0212    | 36      | 0.47     | 122.99 | 0    |
| 122          | Aspartic (%)          | 2146     | 1.190    | 0.0400 | 1.165          | 0.0536    | 0.0212    | 36      | 0.47     | 122.99 | 0    |
| 122          | Aspartic (%)          | 0941     | 1.191    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | 0.49     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0939     | 1.205    | 0.0100 | 1.165          | 0.0536    | 0.0212    | 36      | 0.75     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0682     | 1.243    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | 1.46     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0910     | 1.245    | 0.0700 | 1.165          | 0.0536    | 0.0212    | 36      | 1.50     | 122.00 | 0    |
| 122          | Aspartic (%)          | 0676     | 1.265    | 0.0300 | 1.165          | 0.0536    | 0.0212    | 36      | 1.87     | 122.05 | 0    |
| 122          | Aspartic (%)          | 2144     | 1.280    | 0.0000 | 1.165          | 0.0536    | 0.0212    | 36      | 2.15     | 122.99 | 0    |
| 122          | Aspartic (%)          | 0870     | 1.340    | 0.0560 | 1.165          | 0.0536    | 0.0212    | 36      | 3.27     | 122.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0682     | 0.1670   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -5.64    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2188     | 0.2360   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -2.43    | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0619     | 0.2565   | 0.0030 | 0.2882         | 0.0215    | 0.0088    | 33      | -1.48    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2246     | 0.2636   | 0.0195 | 0.2882         | 0.0215    | 0.0088    | 33      | -1.15    | 124.99 | 0    |
| 124          | Cysteine/Cystine (%)  | 0227     | 0.2650   | 0.0300 | 0.2882         | 0.0215    | 0.0088    | 33      | -1.08    | 124.99 | 0    |
| 124          | Cysteine/Cystine (%)  | 0353     | 0.2700   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.85    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2319     | 0.2700   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.85    | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0859     | 0.2729   | 0.0022 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.71    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0941     | 0.2740   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.66    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2246     | 0.2760   | 0.0068 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.57    | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0354     | 0.2800   | 0.0080 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.38    | 124.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 124          | Cysteine/Cystine (%)  | 0889     | 0.2800   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.38    | 124.99 | 0    |
| 124          | Cysteine/Cystine (%)  | 2144     | 0.2800   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.38    | 124.99 | 0    |
| 124          | Cysteine/Cystine (%)  | 0723     | 0.2850   | 0.0100 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.15    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2146     | 0.2850   | 0.0100 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.15    | 124.99 | 0    |
| 124          | Cysteine/Cystine (%)  | 0872     | 0.2860   | 0.0020 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.10    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2059     | 0.2860   | 0.0020 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.10    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2443     | 0.2865   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | -0.08    | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0684     | 0.2900   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.08     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0571     | 0.2945   | 0.0130 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.29     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 2322     | 0.2966   | 0.0002 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.39     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0504     | 0.3000   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.55     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0910     | 0.3000   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.55     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0939     | 0.3000   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.55     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0226     | 0.3002   | 0.0034 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.56     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0610     | 0.3050   | 0.0100 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.78     | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 2196     | 0.3050   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.78     | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0098     | 0.3070   | 0.0020 | 0.2882         | 0.0215    | 0.0088    | 33      | 0.87     | 124.02 | 0    |
| 124          | Cysteine/Cystine (%)  | 0968     | 0.3100   | 0.0000 | 0.2882         | 0.0215    | 0.0088    | 33      | 1.01     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0675     | 0.3150   | 0.0300 | 0.2882         | 0.0215    | 0.0088    | 33      | 1.25     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0644     | 0.3185   | 0.0010 | 0.2882         | 0.0215    | 0.0088    | 33      | 1.41     | 124.00 | 0    |
| 124          | Cysteine/Cystine (%)  | 0870     | 0.3300   | 0.0100 | 0.2882         | 0.0215    | 0.0088    | 33      | 1.94     | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 2195     | 0.3500   | 0.0400 | 0.2882         | 0.0215    | 0.0088    | 33      | 2.87     | 124.05 | 0    |
| 124          | Cysteine/Cystine (%)  | 0148     | 0.2420   | 0.0440 | 0.2882         | 0.0215    | 0.0088    | 33      | -2.15    | 124.05 | 1    |
| 125          | Glutamic (%)          | 2322     | 1.725    | 0.0003 | 2.785          | 0.1333    | 0.0264    | 35      | -7.95    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0619     | 2.480    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | -2.29    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0407     | 2.578    | 0.0140 | 2.785          | 0.1333    | 0.0264    | 35      | -1.55    | 125.05 | 0    |
| 125          | Glutamic (%)          | 0626     | 2.636    | 0.0290 | 2.785          | 0.1333    | 0.0264    | 35      | -1.12    | 125.05 | 0    |
| 125          | Glutamic (%)          | 2443     | 2.647    | 0.0000 | 2.785          | 0.1333    | 0.0264    | 35      | -1.03    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0872     | 2.686    | 0.0120 | 2.785          | 0.1333    | 0.0264    | 35      | -0.74    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0684     | 2.690    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | -0.71    | 125.00 | 0    |
| 125          | Glutamic (%)          | 2319     | 2.695    | 0.0100 | 2.785          | 0.1333    | 0.0264    | 35      | -0.68    | 125.05 | 0    |
| 125          | Glutamic (%)          | 2188     | 2.697    | 0.0000 | 2.785          | 0.1333    | 0.0264    | 35      | -0.66    | 125.05 | 0    |
| 125          | Glutamic (%)          | 0859     | 2.698    | 0.0117 | 2.785          | 0.1333    | 0.0264    | 35      | -0.66    | 125.00 | 0    |
| 125          | Glutamic (%)          | 2196     | 2.707    | 0.0000 | 2.785          | 0.1333    | 0.0264    | 35      | -0.59    | 125.05 | 0    |
| 125          | Glutamic (%)          | 2246     | 2.715    | 0.0846 | 2.785          | 0.1333    | 0.0264    | 35      | -0.52    | 125.05 | 0    |
| 125          | Glutamic (%)          | 2059     | 2.735    | 0.0090 | 2.785          | 0.1333    | 0.0264    | 35      | -0.38    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0968     | 2.735    | 0.0500 | 2.785          | 0.1333    | 0.0264    | 35      | -0.38    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0571     | 2.736    | 0.0060 | 2.785          | 0.1333    | 0.0264    | 35      | -0.37    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0354     | 2.741    | 0.0380 | 2.785          | 0.1333    | 0.0264    | 35      | -0.33    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0675     | 2.780    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | -0.04    | 125.00 | 0    |
| 125          | Glutamic (%)          | 0504     | 2.785    | 0.0100 | 2.785          | 0.1333    | 0.0264    | 35      | 0.00     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0941     | 2.790    | 0.0000 | 2.785          | 0.1333    | 0.0264    | 35      | 0.04     | 125.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 125          | Glutamic (%)          | 0644     | 2.795    | 0.0730 | 2.785          | 0.1333    | 0.0264    | 35      | 0.07     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0723     | 2.807    | 0.0010 | 2.785          | 0.1333    | 0.0264    | 35      | 0.16     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0227     | 2.820    | 0.0400 | 2.785          | 0.1333    | 0.0264    | 35      | 0.26     | 125.99 | 0    |
| 125          | Glutamic (%)          | 0098     | 2.825    | 0.0150 | 2.785          | 0.1333    | 0.0264    | 35      | 0.29     | 125.02 | 0    |
| 125          | Glutamic (%)          | 2144     | 2.835    | 0.0100 | 2.785          | 0.1333    | 0.0264    | 35      | 0.37     | 125.99 | 0    |
| 125          | Glutamic (%)          | 0910     | 2.845    | 0.1300 | 2.785          | 0.1333    | 0.0264    | 35      | 0.45     | 125.00 | 0    |
| 125          | Glutamic (%)          | 2195     | 2.880    | 0.1400 | 2.785          | 0.1333    | 0.0264    | 35      | 0.71     | 125.05 | 0    |
| 125          | Glutamic (%)          | 2146     | 2.880    | 0.0400 | 2.785          | 0.1333    | 0.0264    | 35      | 0.71     | 125.99 | 0    |
| 125          | Glutamic (%)          | 0226     | 2.884    | 0.0843 | 2.785          | 0.1333    | 0.0264    | 35      | 0.74     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0610     | 2.900    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | 0.86     | 125.05 | 0    |
| 125          | Glutamic (%)          | 0676     | 2.930    | 0.0400 | 2.785          | 0.1333    | 0.0264    | 35      | 1.09     | 125.05 | 0    |
| 125          | Glutamic (%)          | 0939     | 2.945    | 0.0300 | 2.785          | 0.1333    | 0.0264    | 35      | 1.20     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0682     | 2.955    | 0.0000 | 2.785          | 0.1333    | 0.0264    | 35      | 1.27     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0353     | 3.060    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | 2.06     | 125.00 | 0    |
| 125          | Glutamic (%)          | 0889     | 3.220    | 0.0200 | 2.785          | 0.1333    | 0.0264    | 35      | 3.26     | 125.99 | 0    |
| 125          | Glutamic (%)          | 0148     | 3.265    | 0.0100 | 2.785          | 0.1333    | 0.0264    | 35      | 3.60     | 125.05 | 0    |
| 125          | Glutamic (%)          | 0870     | 3.183    | 0.1810 | 2.785          | 0.1333    | 0.0264    | 35      | 2.98     | 125.05 | 1    |
| 126          | Glycine (%)           | 0889     | 0.3450   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -14.06   | 126.99 | 0    |
| 126          | Glycine (%)           | 2322     | 0.4757   | 0.0001 | 0.7473         | 0.0286    | 0.0166    | 35      | -9.49    | 126.00 | 0    |
| 126          | Glycine (%)           | 0684     | 0.7050   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -1.48    | 126.00 | 0    |
| 126          | Glycine (%)           | 0407     | 0.7140   | 0.0240 | 0.7473         | 0.0286    | 0.0166    | 35      | -1.16    | 126.05 | 0    |
| 126          | Glycine (%)           | 2443     | 0.7141   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | -1.16    | 126.00 | 0    |
| 126          | Glycine (%)           | 0353     | 0.7200   | 0.0400 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.95    | 126.00 | 0    |
| 126          | Glycine (%)           | 0968     | 0.7200   | 0.0400 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.95    | 126.00 | 0    |
| 126          | Glycine (%)           | 0354     | 0.7235   | 0.0030 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.83    | 126.00 | 0    |
| 126          | Glycine (%)           | 0675     | 0.7250   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.78    | 126.00 | 0    |
| 126          | Glycine (%)           | 2146     | 0.7300   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.60    | 126.99 | 0    |
| 126          | Glycine (%)           | 0504     | 0.7350   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.43    | 126.00 | 0    |
| 126          | Glycine (%)           | 2059     | 0.7360   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.39    | 126.00 | 0    |
| 126          | Glycine (%)           | 0226     | 0.7411   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.22    | 126.00 | 0    |
| 126          | Glycine (%)           | 0098     | 0.7435   | 0.0090 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.13    | 126.02 | 0    |
| 126          | Glycine (%)           | 0939     | 0.7450   | 0.0300 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.08    | 126.00 | 0    |
| 126          | Glycine (%)           | 0571     | 0.7460   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.05    | 126.00 | 0    |
| 126          | Glycine (%)           | 0872     | 0.7460   | 0.0060 | 0.7473         | 0.0286    | 0.0166    | 35      | -0.05    | 126.00 | 0    |
| 126          | Glycine (%)           | 0644     | 0.7485   | 0.0110 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.04     | 126.00 | 0    |
| 126          | Glycine (%)           | 2195     | 0.7500   | 0.0400 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.09     | 126.05 | 0    |
| 126          | Glycine (%)           | 2319     | 0.7500   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.09     | 126.05 | 0    |
| 126          | Glycine (%)           | 0723     | 0.7515   | 0.0010 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.15     | 126.00 | 0    |
| 126          | Glycine (%)           | 0619     | 0.7530   | 0.0040 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.20     | 126.00 | 0    |
| 126          | Glycine (%)           | 0870     | 0.7545   | 0.0610 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.25     | 126.05 | 0    |
| 126          | Glycine (%)           | 0941     | 0.7560   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.30     | 126.00 | 0    |
| 126          | Glycine (%)           | 2196     | 0.7610   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.48     | 126.05 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 126          | Glycine (%)           | 0626     | 0.7625   | 0.0010 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.53     | 126.05 | 0    |
| 126          | Glycine (%)           | 0610     | 0.7650   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.62     | 126.05 | 0    |
| 126          | Glycine (%)           | 0227     | 0.7650   | 0.0100 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.62     | 126.99 | 0    |
| 126          | Glycine (%)           | 0910     | 0.7750   | 0.0300 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.97     | 126.00 | 0    |
| 126          | Glycine (%)           | 0676     | 0.7750   | 0.0300 | 0.7473         | 0.0286    | 0.0166    | 35      | 0.97     | 126.05 | 0    |
| 126          | Glycine (%)           | 0148     | 0.7790   | 0.0580 | 0.7473         | 0.0286    | 0.0166    | 35      | 1.11     | 126.05 | 0    |
| 126          | Glycine (%)           | 2188     | 0.7870   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 1.39     | 126.05 | 0    |
| 126          | Glycine (%)           | 0682     | 0.7890   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 1.46     | 126.00 | 0    |
| 126          | Glycine (%)           | 2144     | 0.8400   | 0.0000 | 0.7473         | 0.0286    | 0.0166    | 35      | 3.24     | 126.99 | 0    |
| 126          | Glycine (%)           | 0859     | 0.9404   | 0.0001 | 0.7473         | 0.0286    | 0.0166    | 35      | 6.75     | 126.00 | 0    |
| 126          | Glycine (%)           | 2246     | 0.8139   | 0.0859 | 0.7473         | 0.0286    | 0.0166    | 35      | 2.33     | 126.05 | 1    |
| 127          | Histidine (%)         | 2322     | 0.2320   | 0.0002 | 0.3913         | 0.0251    | 0.0113    | 35      | -6.34    | 127.00 | 0    |
| 127          | Histidine (%)         | 2188     | 0.2890   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | -4.07    | 127.05 | 0    |
| 127          | Histidine (%)         | 0407     | 0.2905   | 0.0010 | 0.3913         | 0.0251    | 0.0113    | 35      | -4.01    | 127.05 | 0    |
| 127          | Histidine (%)         | 0889     | 0.3450   | 0.0100 | 0.3913         | 0.0251    | 0.0113    | 35      | -1.84    | 127.99 | 0    |
| 127          | Histidine (%)         | 0353     | 0.3650   | 0.0100 | 0.3913         | 0.0251    | 0.0113    | 35      | -1.05    | 127.00 | 0    |
| 127          | Histidine (%)         | 0226     | 0.3671   | 0.0145 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.96    | 127.00 | 0    |
| 127          | Histidine (%)         | 0626     | 0.3675   | 0.0030 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.95    | 127.05 | 0    |
| 127          | Histidine (%)         | 0676     | 0.3700   | 0.0400 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.85    | 127.05 | 0    |
| 127          | Histidine (%)         | 2319     | 0.3700   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.85    | 127.05 | 0    |
| 127          | Histidine (%)         | 0859     | 0.3785   | 0.0011 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.51    | 127.00 | 0    |
| 127          | Histidine (%)         | 0354     | 0.3800   | 0.0060 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.45    | 127.00 | 0    |
| 127          | Histidine (%)         | 0684     | 0.3800   | 0.0200 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.45    | 127.00 | 0    |
| 127          | Histidine (%)         | 0098     | 0.3825   | 0.0090 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.35    | 127.02 | 0    |
| 127          | Histidine (%)         | 2443     | 0.3838   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.30    | 127.00 | 0    |
| 127          | Histidine (%)         | 0870     | 0.3845   | 0.0210 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.27    | 127.05 | 0    |
| 127          | Histidine (%)         | 2195     | 0.3900   | 0.0400 | 0.3913         | 0.0251    | 0.0113    | 35      | -0.05    | 127.05 | 0    |
| 127          | Histidine (%)         | 2196     | 0.3970   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.23     | 127.05 | 0    |
| 127          | Histidine (%)         | 0571     | 0.3985   | 0.0030 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.29     | 127.00 | 0    |
| 127          | Histidine (%)         | 0723     | 0.3985   | 0.0010 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.29     | 127.00 | 0    |
| 127          | Histidine (%)         | 0504     | 0.4000   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.35     | 127.00 | 0    |
| 127          | Histidine (%)         | 0872     | 0.4000   | 0.0140 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.35     | 127.00 | 0    |
| 127          | Histidine (%)         | 2059     | 0.4005   | 0.0010 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.37     | 127.00 | 0    |
| 127          | Histidine (%)         | 0148     | 0.4040   | 0.0020 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.51     | 127.05 | 0    |
| 127          | Histidine (%)         | 0675     | 0.4050   | 0.0300 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.55     | 127.00 | 0    |
| 127          | Histidine (%)         | 0939     | 0.4050   | 0.0100 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.55     | 127.00 | 0    |
| 127          | Histidine (%)         | 0610     | 0.4050   | 0.0100 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.55     | 127.05 | 0    |
| 127          | Histidine (%)         | 2146     | 0.4050   | 0.0300 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.55     | 127.99 | 0    |
| 127          | Histidine (%)         | 0644     | 0.4055   | 0.0070 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.57     | 127.00 | 0    |
| 127          | Histidine (%)         | 0941     | 0.4070   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.63     | 127.00 | 0    |
| 127          | Histidine (%)         | 0227     | 0.4100   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.74     | 127.99 | 0    |
| 127          | Histidine (%)         | 0968     | 0.4150   | 0.0100 | 0.3913         | 0.0251    | 0.0113    | 35      | 0.94     | 127.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 127          | Histidine (%)         | 2144     | 0.4200   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 1.14     | 127.99 | 0    |
| 127          | Histidine (%)         | 0682     | 0.4280   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 1.46     | 127.00 | 0    |
| 127          | Histidine (%)         | 0910     | 0.4300   | 0.0200 | 0.3913         | 0.0251    | 0.0113    | 35      | 1.54     | 127.00 | 0    |
| 127          | Histidine (%)         | 0619     | 0.4390   | 0.0000 | 0.3913         | 0.0251    | 0.0113    | 35      | 1.90     | 127.00 | 0    |
| 127          | Histidine (%)         | 2246     | 0.4709   | 0.0654 | 0.3913         | 0.0251    | 0.0113    | 35      | 3.17     | 127.05 | 1    |
| 128          | Isoleucine (%)        | 2322     | 0.3117   | 0.0002 | 0.4948         | 0.0418    | 0.0121    | 36      | -4.38    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 2319     | 0.3950   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | -2.39    | 128.05 | 0    |
| 128          | Isoleucine (%)        | 2188     | 0.4150   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | -1.91    | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0353     | 0.4200   | 0.0200 | 0.4948         | 0.0418    | 0.0121    | 36      | -1.79    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0684     | 0.4350   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | -1.43    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0407     | 0.4460   | 0.0340 | 0.4948         | 0.0418    | 0.0121    | 36      | -1.17    | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0354     | 0.4605   | 0.0070 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.82    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0889     | 0.4650   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.71    | 128.99 | 0    |
| 128          | Isoleucine (%)        | 2443     | 0.4687   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.63    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0968     | 0.4750   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.47    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0098     | 0.4780   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.40    | 128.02 | 0    |
| 128          | Isoleucine (%)        | 0939     | 0.4800   | 0.0200 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.35    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0723     | 0.4815   | 0.0010 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.32    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0682     | 0.4840   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.26    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0675     | 0.4900   | 0.0400 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.12    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0644     | 0.4940   | 0.0120 | 0.4948         | 0.0418    | 0.0121    | 36      | -0.02    | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0676     | 0.4950   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.00     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0872     | 0.4980   | 0.0080 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.08     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 2246     | 0.5010   | 0.0308 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.15     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 2059     | 0.5030   | 0.0040 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.20     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0859     | 0.5035   | 0.0007 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.21     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0148     | 0.5035   | 0.0070 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.21     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0626     | 0.5080   | 0.0020 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.31     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0941     | 0.5090   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.34     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0571     | 0.5125   | 0.0110 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.42     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0910     | 0.5150   | 0.0300 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.48     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 2146     | 0.5200   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.60     | 128.99 | 0    |
| 128          | Isoleucine (%)        | 0226     | 0.5208   | 0.0094 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.62     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 0227     | 0.5250   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.72     | 128.99 | 0    |
| 128          | Isoleucine (%)        | 2196     | 0.5280   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.79     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0610     | 0.5350   | 0.0100 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.96     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0870     | 0.5355   | 0.0190 | 0.4948         | 0.0418    | 0.0121    | 36      | 0.97     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0619     | 0.5500   | 0.0020 | 0.4948         | 0.0418    | 0.0121    | 36      | 1.32     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 2195     | 0.5500   | 0.0200 | 0.4948         | 0.0418    | 0.0121    | 36      | 1.32     | 128.05 | 0    |
| 128          | Isoleucine (%)        | 0504     | 0.5600   | 0.0200 | 0.4948         | 0.0418    | 0.0121    | 36      | 1.56     | 128.00 | 0    |
| 128          | Isoleucine (%)        | 2144     | 0.6200   | 0.0000 | 0.4948         | 0.0418    | 0.0121    | 36      | 2.99     | 128.99 | 0    |
| 129          | Leucine (%)           | 2322     | 0.6646   | 0.0002 | 1.078          | 0.0605    | 0.0165    | 35      | -6.83    | 129.00 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 129          | Leucine (%)           | 2188     | 0.7700   | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | -5.09    | 129.05 | 0    |
| 129          | Leucine (%)           | 2443     | 0.8950   | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | -3.02    | 129.00 | 0    |
| 129          | Leucine (%)           | 0889     | 0.9500   | 0.0400 | 1.078          | 0.0605    | 0.0165    | 35      | -2.11    | 129.99 | 0    |
| 129          | Leucine (%)           | 0407     | 0.9945   | 0.0170 | 1.078          | 0.0605    | 0.0165    | 35      | -1.38    | 129.05 | 0    |
| 129          | Leucine (%)           | 0684     | 0.9950   | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | -1.37    | 129.00 | 0    |
| 129          | Leucine (%)           | 2319     | 1.010    | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | -1.12    | 129.05 | 0    |
| 129          | Leucine (%)           | 2196     | 1.012    | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | -1.09    | 129.05 | 0    |
| 129          | Leucine (%)           | 0354     | 1.052    | 0.0120 | 1.078          | 0.0605    | 0.0165    | 35      | -0.42    | 129.00 | 0    |
| 129          | Leucine (%)           | 0353     | 1.055    | 0.0300 | 1.078          | 0.0605    | 0.0165    | 35      | -0.38    | 129.00 | 0    |
| 129          | Leucine (%)           | 0098     | 1.060    | 0.0250 | 1.078          | 0.0605    | 0.0165    | 35      | -0.30    | 129.02 | 0    |
| 129          | Leucine (%)           | 0626     | 1.069    | 0.0080 | 1.078          | 0.0605    | 0.0165    | 35      | -0.14    | 129.05 | 0    |
| 129          | Leucine (%)           | 0675     | 1.075    | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | -0.04    | 129.00 | 0    |
| 129          | Leucine (%)           | 0939     | 1.080    | 0.0200 | 1.078          | 0.0605    | 0.0165    | 35      | 0.04     | 129.00 | 0    |
| 129          | Leucine (%)           | 2059     | 1.081    | 0.0070 | 1.078          | 0.0605    | 0.0165    | 35      | 0.05     | 129.00 | 0    |
| 129          | Leucine (%)           | 0872     | 1.082    | 0.0140 | 1.078          | 0.0605    | 0.0165    | 35      | 0.07     | 129.00 | 0    |
| 129          | Leucine (%)           | 0968     | 1.085    | 0.0300 | 1.078          | 0.0605    | 0.0165    | 35      | 0.12     | 129.00 | 0    |
| 129          | Leucine (%)           | 0859     | 1.090    | 0.0024 | 1.078          | 0.0605    | 0.0165    | 35      | 0.21     | 129.00 | 0    |
| 129          | Leucine (%)           | 0148     | 1.095    | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | 0.29     | 129.05 | 0    |
| 129          | Leucine (%)           | 2195     | 1.095    | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | 0.29     | 129.05 | 0    |
| 129          | Leucine (%)           | 0504     | 1.100    | 0.0200 | 1.078          | 0.0605    | 0.0165    | 35      | 0.37     | 129.00 | 0    |
| 129          | Leucine (%)           | 0571     | 1.102    | 0.0070 | 1.078          | 0.0605    | 0.0165    | 35      | 0.39     | 129.00 | 0    |
| 129          | Leucine (%)           | 0941     | 1.102    | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | 0.40     | 129.00 | 0    |
| 129          | Leucine (%)           | 0644     | 1.103    | 0.0320 | 1.078          | 0.0605    | 0.0165    | 35      | 0.42     | 129.00 | 0    |
| 129          | Leucine (%)           | 0226     | 1.104    | 0.0126 | 1.078          | 0.0605    | 0.0165    | 35      | 0.44     | 129.00 | 0    |
| 129          | Leucine (%)           | 0723     | 1.107    | 0.0010 | 1.078          | 0.0605    | 0.0165    | 35      | 0.48     | 129.00 | 0    |
| 129          | Leucine (%)           | 0910     | 1.115    | 0.0300 | 1.078          | 0.0605    | 0.0165    | 35      | 0.62     | 129.00 | 0    |
| 129          | Leucine (%)           | 0610     | 1.115    | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | 0.62     | 129.05 | 0    |
| 129          | Leucine (%)           | 0227     | 1.115    | 0.0100 | 1.078          | 0.0605    | 0.0165    | 35      | 0.62     | 129.99 | 0    |
| 129          | Leucine (%)           | 2146     | 1.120    | 0.0600 | 1.078          | 0.0605    | 0.0165    | 35      | 0.70     | 129.99 | 0    |
| 129          | Leucine (%)           | 0619     | 1.125    | 0.0300 | 1.078          | 0.0605    | 0.0165    | 35      | 0.78     | 129.00 | 0    |
| 129          | Leucine (%)           | 0676     | 1.145    | 0.0500 | 1.078          | 0.0605    | 0.0165    | 35      | 1.11     | 129.05 | 0    |
| 129          | Leucine (%)           | 0682     | 1.153    | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | 1.25     | 129.00 | 0    |
| 129          | Leucine (%)           | 0870     | 1.183    | 0.0030 | 1.078          | 0.0605    | 0.0165    | 35      | 1.73     | 129.05 | 0    |
| 129          | Leucine (%)           | 2144     | 1.300    | 0.0000 | 1.078          | 0.0605    | 0.0165    | 35      | 3.68     | 129.99 | 0    |
| 129          | Leucine (%)           | 2246     | 1.094    | 0.0879 | 1.078          | 0.0605    | 0.0165    | 35      | 0.28     | 129.05 | 1    |
| 130          | L-Lysine (%)          | 2322     | 0.3858   | 0.0002 | 0.6387         | 0.0468    | 0.0154    | 38      | -5.40    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0889     | 0.4750   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | -3.50    | 130.99 | 0    |
| 130          | L-Lysine (%)          | 0407     | 0.5130   | 0.0040 | 0.6387         | 0.0468    | 0.0154    | 38      | -2.68    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0148     | 0.5255   | 0.0250 | 0.6387         | 0.0468    | 0.0154    | 38      | -2.42    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 2246     | 0.5520   | 0.0132 | 0.6387         | 0.0468    | 0.0154    | 38      | -1.85    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0684     | 0.5850   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | -1.15    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0859     | 0.6030   | 0.0098 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.76    | 130.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 130          | L-Lysine (%)          | 0626     | 0.6085   | 0.0010 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.64    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0848     | 0.6100   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.61    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0571     | 0.6150   | 0.0180 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.51    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0354     | 0.6185   | 0.0170 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.43    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0939     | 0.6200   | 0.0200 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.40    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0872     | 0.6225   | 0.0090 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.34    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0610     | 0.6250   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.29    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 2146     | 0.6250   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.29    | 130.99 | 0    |
| 130          | L-Lysine (%)          | 2246     | 0.6306   | 0.0518 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.17    | 130.99 | 0    |
| 130          | L-Lysine (%)          | 0644     | 0.6320   | 0.0140 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.14    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 2059     | 0.6325   | 0.0030 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.13    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0353     | 0.6350   | 0.0300 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.08    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0968     | 0.6350   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.08    | 130.00 | 0    |
| 130          | L-Lysine (%)          | 2196     | 0.6370   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | -0.04    | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0941     | 0.6430   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.09     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0723     | 0.6555   | 0.0010 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.36     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0619     | 0.6585   | 0.0210 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.42     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0504     | 0.6600   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.46     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0910     | 0.6600   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.46     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0098     | 0.6645   | 0.0110 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.55     | 130.02 | 0    |
| 130          | L-Lysine (%)          | 0675     | 0.6650   | 0.0300 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.56     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 2195     | 0.6650   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.56     | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0682     | 0.6680   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.63     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 2443     | 0.6709   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.69     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 2325     | 0.6800   | 0.0200 | 0.6387         | 0.0468    | 0.0154    | 38      | 0.88     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0226     | 0.6900   | 0.0437 | 0.6387         | 0.0468    | 0.0154    | 38      | 1.10     | 130.00 | 0    |
| 130          | L-Lysine (%)          | 0870     | 0.6940   | 0.0360 | 0.6387         | 0.0468    | 0.0154    | 38      | 1.18     | 130.05 | 0    |
| 130          | L-Lysine (%)          | 2319     | 0.6950   | 0.0100 | 0.6387         | 0.0468    | 0.0154    | 38      | 1.20     | 130.05 | 0    |
| 130          | L-Lysine (%)          | 0227     | 0.7050   | 0.0300 | 0.6387         | 0.0468    | 0.0154    | 38      | 1.42     | 130.99 | 0    |
| 130          | L-Lysine (%)          | 2188     | 0.7090   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 1.50     | 130.05 | 0    |
| 130          | L-Lysine (%)          | 2144     | 0.8000   | 0.0000 | 0.6387         | 0.0468    | 0.0154    | 38      | 3.45     | 130.99 | 0    |
| 131          | Methionine (%)        | 2246     | 0.1791   | 0.0051 | 0.2305         | 0.0233    | 0.0105    | 35      | -2.21    | 131.99 | 0    |
| 131          | Methionine (%)        | 2246     | 0.1915   | 0.0351 | 0.2305         | 0.0233    | 0.0105    | 35      | -1.68    | 131.05 | 0    |
| 131          | Methionine (%)        | 0354     | 0.1970   | 0.0080 | 0.2305         | 0.0233    | 0.0105    | 35      | -1.44    | 131.00 | 0    |
| 131          | Methionine (%)        | 0682     | 0.2070   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | -1.01    | 131.00 | 0    |
| 131          | Methionine (%)        | 0626     | 0.2085   | 0.0150 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.94    | 131.05 | 0    |
| 131          | Methionine (%)        | 0968     | 0.2100   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.88    | 131.00 | 0    |
| 131          | Methionine (%)        | 2319     | 0.2100   | 0.0200 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.88    | 131.05 | 0    |
| 131          | Methionine (%)        | 0148     | 0.2105   | 0.0170 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.86    | 131.05 | 0    |
| 131          | Methionine (%)        | 0870     | 0.2135   | 0.0010 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.73    | 131.05 | 0    |
| 131          | Methionine (%)        | 0723     | 0.2150   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.67    | 131.00 | 0    |
| 131          | Methionine (%)        | 0859     | 0.2153   | 0.0002 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.65    | 131.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 131          | Methionine (%)        | 0226     | 0.2222   | 0.0083 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.36    | 131.00 | 0    |
| 131          | Methionine (%)        | 0098     | 0.2225   | 0.0010 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.34    | 131.02 | 0    |
| 131          | Methionine (%)        | 0504     | 0.2250   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.24    | 131.00 | 0    |
| 131          | Methionine (%)        | 2059     | 0.2265   | 0.0010 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.17    | 131.00 | 0    |
| 131          | Methionine (%)        | 0941     | 0.2280   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.11    | 131.00 | 0    |
| 131          | Methionine (%)        | 0684     | 0.2300   | 0.0200 | 0.2305         | 0.0233    | 0.0105    | 35      | -0.02    | 131.00 | 0    |
| 131          | Methionine (%)        | 0571     | 0.2320   | 0.0020 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.06     | 131.00 | 0    |
| 131          | Methionine (%)        | 0872     | 0.2350   | 0.0060 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.19     | 131.00 | 0    |
| 131          | Methionine (%)        | 0939     | 0.2350   | 0.0300 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.19     | 131.00 | 0    |
| 131          | Methionine (%)        | 0610     | 0.2350   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.19     | 131.05 | 0    |
| 131          | Methionine (%)        | 0227     | 0.2350   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.19     | 131.99 | 0    |
| 131          | Methionine (%)        | 2146     | 0.2350   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.19     | 131.99 | 0    |
| 131          | Methionine (%)        | 0619     | 0.2355   | 0.0170 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.21     | 131.00 | 0    |
| 131          | Methionine (%)        | 2322     | 0.2367   | 0.0002 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.27     | 131.00 | 0    |
| 131          | Methionine (%)        | 0644     | 0.2375   | 0.0050 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.30     | 131.00 | 0    |
| 131          | Methionine (%)        | 2443     | 0.2381   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.33     | 131.00 | 0    |
| 131          | Methionine (%)        | 0910     | 0.2500   | 0.0200 | 0.2305         | 0.0233    | 0.0105    | 35      | 0.84     | 131.00 | 0    |
| 131          | Methionine (%)        | 2196     | 0.2540   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | 1.01     | 131.05 | 0    |
| 131          | Methionine (%)        | 0353     | 0.2550   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | 1.05     | 131.00 | 0    |
| 131          | Methionine (%)        | 2144     | 0.2600   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | 1.27     | 131.99 | 0    |
| 131          | Methionine (%)        | 0675     | 0.2700   | 0.0200 | 0.2305         | 0.0233    | 0.0105    | 35      | 1.70     | 131.00 | 0    |
| 131          | Methionine (%)        | 2195     | 0.3350   | 0.0100 | 0.2305         | 0.0233    | 0.0105    | 35      | 4.49     | 131.05 | 0    |
| 131          | Methionine (%)        | 0889     | 0.3700   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | 5.99     | 131.99 | 0    |
| 131          | Methionine (%)        | 2188     | 0.3830   | 0.0000 | 0.2305         | 0.0233    | 0.0105    | 35      | 6.55     | 131.05 | 0    |
| 132          | Phenylalanine (%)     | 2322     | 0.4349   | 0.0003 | 0.6795         | 0.0310    | 0.0110    | 34      | -7.89    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 2188     | 0.5250   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | -4.98    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0684     | 0.6050   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | -2.40    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0889     | 0.6150   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | -2.08    | 132.99 | 0    |
| 132          | Phenylalanine (%)     | 2196     | 0.6370   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | -1.37    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 2443     | 0.6474   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | -1.03    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0226     | 0.6577   | 0.0179 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.70    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0098     | 0.6590   | 0.0060 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.66    | 132.02 | 0    |
| 132          | Phenylalanine (%)     | 2319     | 0.6600   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.63    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0859     | 0.6678   | 0.0031 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.38    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 2195     | 0.6700   | 0.0200 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.31    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0872     | 0.6710   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.27    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0626     | 0.6715   | 0.0030 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.26    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0407     | 0.6730   | 0.0140 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.21    | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 2059     | 0.6735   | 0.0030 | 0.6795         | 0.0310    | 0.0110    | 34      | -0.19    | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0354     | 0.6805   | 0.0150 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.03     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0723     | 0.6835   | 0.0010 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.13     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0148     | 0.6835   | 0.0350 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.13     | 132.05 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 132          | Phenylalanine (%)     | 0968     | 0.6850   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.18     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0610     | 0.6850   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.18     | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0941     | 0.6870   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.24     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0675     | 0.6900   | 0.0200 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.34     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0227     | 0.6900   | 0.0200 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.34     | 132.99 | 0    |
| 132          | Phenylalanine (%)     | 0644     | 0.6935   | 0.0190 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.45     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0504     | 0.6950   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.50     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0571     | 0.6970   | 0.0120 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.56     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0870     | 0.7030   | 0.0180 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.76     | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 0676     | 0.7050   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.82     | 132.05 | 0    |
| 132          | Phenylalanine (%)     | 2146     | 0.7050   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.82     | 132.99 | 0    |
| 132          | Phenylalanine (%)     | 0682     | 0.7070   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.89     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0939     | 0.7150   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 1.14     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0619     | 0.7350   | 0.0040 | 0.6795         | 0.0310    | 0.0110    | 34      | 1.79     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 2144     | 0.7500   | 0.0000 | 0.6795         | 0.0310    | 0.0110    | 34      | 2.27     | 132.99 | 0    |
| 132          | Phenylalanine (%)     | 0353     | 0.7550   | 0.0100 | 0.6795         | 0.0310    | 0.0110    | 34      | 2.43     | 132.00 | 0    |
| 132          | Phenylalanine (%)     | 0910     | 0.6850   | 0.0700 | 0.6795         | 0.0310    | 0.0110    | 34      | 0.18     | 132.00 | 1    |
| 132          | Phenylalanine (%)     | 2246     | 0.7591   | 0.0667 | 0.6795         | 0.0310    | 0.0110    | 34      | 2.56     | 132.05 | 1    |
| 133          | Proline (%)           | 2322     | 0.5687   | 0.0001 | 0.9122         | 0.0694    | 0.0170    | 34      | -4.95    | 133.00 | 0    |
| 133          | Proline (%)           | 0859     | 0.7610   | 0.0100 | 0.9122         | 0.0694    | 0.0170    | 34      | -2.18    | 133.00 | 0    |
| 133          | Proline (%)           | 2443     | 0.8221   | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | -1.30    | 133.00 | 0    |
| 133          | Proline (%)           | 0407     | 0.8420   | 0.0240 | 0.9122         | 0.0694    | 0.0170    | 34      | -1.01    | 133.05 | 0    |
| 133          | Proline (%)           | 0675     | 0.8500   | 0.0800 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.90    | 133.00 | 0    |
| 133          | Proline (%)           | 0684     | 0.8550   | 0.0100 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.82    | 133.00 | 0    |
| 133          | Proline (%)           | 0872     | 0.8550   | 0.0140 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.82    | 133.00 | 0    |
| 133          | Proline (%)           | 0148     | 0.8585   | 0.0110 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.77    | 133.05 | 0    |
| 133          | Proline (%)           | 2188     | 0.8640   | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.69    | 133.05 | 0    |
| 133          | Proline (%)           | 0354     | 0.8720   | 0.0080 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.58    | 133.00 | 0    |
| 133          | Proline (%)           | 0676     | 0.8800   | 0.0200 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.46    | 133.05 | 0    |
| 133          | Proline (%)           | 0626     | 0.8890   | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.33    | 133.05 | 0    |
| 133          | Proline (%)           | 0644     | 0.8910   | 0.0240 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.31    | 133.00 | 0    |
| 133          | Proline (%)           | 2246     | 0.8927   | 0.0574 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.28    | 133.05 | 0    |
| 133          | Proline (%)           | 0610     | 0.8950   | 0.0100 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.25    | 133.05 | 0    |
| 133          | Proline (%)           | 0723     | 0.8975   | 0.0010 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.21    | 133.00 | 0    |
| 133          | Proline (%)           | 0571     | 0.9020   | 0.0020 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.15    | 133.00 | 0    |
| 133          | Proline (%)           | 0504     | 0.9050   | 0.0100 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.10    | 133.00 | 0    |
| 133          | Proline (%)           | 0941     | 0.9100   | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.03    | 133.00 | 0    |
| 133          | Proline (%)           | 0226     | 0.9155   | 0.0316 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.05     | 133.00 | 0    |
| 133          | Proline (%)           | 2059     | 0.9180   | 0.0060 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.08     | 133.00 | 0    |
| 133          | Proline (%)           | 2196     | 0.9180   | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.08     | 133.05 | 0    |
| 133          | Proline (%)           | 0968     | 0.9300   | 0.0200 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.26     | 133.00 | 0    |
| 133          | Proline (%)           | 0619     | 0.9405   | 0.0130 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.41     | 133.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 133          | Proline (%)           | 0870     | 0.9425   | 0.0050 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.44     | 133.05 | 0    |
| 133          | Proline (%)           | 0227     | 0.9450   | 0.0100 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.47     | 133.99 | 0    |
| 133          | Proline (%)           | 2146     | 0.9700   | 0.0200 | 0.9122         | 0.0694    | 0.0170    | 34      | 0.83     | 133.99 | 0    |
| 133          | Proline (%)           | 2319     | 0.9850   | 0.0300 | 0.9122         | 0.0694    | 0.0170    | 34      | 1.05     | 133.05 | 0    |
| 133          | Proline (%)           | 0353     | 0.9950   | 0.0300 | 0.9122         | 0.0694    | 0.0170    | 34      | 1.19     | 133.00 | 0    |
| 133          | Proline (%)           | 0939     | 0.9950   | 0.0300 | 0.9122         | 0.0694    | 0.0170    | 34      | 1.19     | 133.00 | 0    |
| 133          | Proline (%)           | 0889     | 1.015    | 0.0300 | 0.9122         | 0.0694    | 0.0170    | 34      | 1.48     | 133.99 | 0    |
| 133          | Proline (%)           | 2195     | 1.020    | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | 1.55     | 133.05 | 0    |
| 133          | Proline (%)           | 2144     | 1.060    | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | 2.13     | 133.99 | 0    |
| 133          | Proline (%)           | 0682     | 1.170    | 0.0000 | 0.9122         | 0.0694    | 0.0170    | 34      | 3.71     | 133.00 | 0    |
| 133          | Proline (%)           | 0910     | 0.9050   | 0.2100 | 0.9122         | 0.0694    | 0.0170    | 34      | -0.10    | 133.00 | 1    |
| 134          | Serine (%)            | 2322     | 0.4397   | 0.0001 | 0.6963         | 0.0519    | 0.0179    | 36      | -4.95    | 134.00 | 0    |
| 134          | Serine (%)            | 0504     | 0.5850   | 0.0300 | 0.6963         | 0.0519    | 0.0179    | 36      | -2.15    | 134.00 | 0    |
| 134          | Serine (%)            | 0610     | 0.6150   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | -1.57    | 134.05 | 0    |
| 134          | Serine (%)            | 0098     | 0.6190   | 0.0320 | 0.6963         | 0.0519    | 0.0179    | 36      | -1.49    | 134.02 | 0    |
| 134          | Serine (%)            | 0872     | 0.6570   | 0.0180 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.76    | 134.00 | 0    |
| 134          | Serine (%)            | 0626     | 0.6605   | 0.0030 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.69    | 134.05 | 0    |
| 134          | Serine (%)            | 2196     | 0.6650   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.60    | 134.05 | 0    |
| 134          | Serine (%)            | 2443     | 0.6687   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.53    | 134.00 | 0    |
| 134          | Serine (%)            | 0675     | 0.6700   | 0.0200 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.51    | 134.00 | 0    |
| 134          | Serine (%)            | 0407     | 0.6705   | 0.0390 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.50    | 134.05 | 0    |
| 134          | Serine (%)            | 0571     | 0.6705   | 0.0110 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.50    | 134.00 | 0    |
| 134          | Serine (%)            | 2059     | 0.6740   | 0.0040 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.43    | 134.00 | 0    |
| 134          | Serine (%)            | 0859     | 0.6748   | 0.0003 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.42    | 134.00 | 0    |
| 134          | Serine (%)            | 0227     | 0.6750   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.41    | 134.99 | 0    |
| 134          | Serine (%)            | 2146     | 0.6750   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.41    | 134.99 | 0    |
| 134          | Serine (%)            | 0941     | 0.6760   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.39    | 134.00 | 0    |
| 134          | Serine (%)            | 0684     | 0.6800   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.31    | 134.00 | 0    |
| 134          | Serine (%)            | 0968     | 0.6800   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.31    | 134.00 | 0    |
| 134          | Serine (%)            | 0619     | 0.6825   | 0.0250 | 0.6963         | 0.0519    | 0.0179    | 36      | -0.27    | 134.00 | 0    |
| 134          | Serine (%)            | 0353     | 0.7000   | 0.0400 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.07     | 134.00 | 0    |
| 134          | Serine (%)            | 0723     | 0.7065   | 0.0010 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.20     | 134.00 | 0    |
| 134          | Serine (%)            | 0644     | 0.7080   | 0.0180 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.23     | 134.00 | 0    |
| 134          | Serine (%)            | 0910     | 0.7100   | 0.0200 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.26     | 134.00 | 0    |
| 134          | Serine (%)            | 0226     | 0.7114   | 0.0066 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.29     | 134.00 | 0    |
| 134          | Serine (%)            | 2195     | 0.7150   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.36     | 134.05 | 0    |
| 134          | Serine (%)            | 0354     | 0.7170   | 0.0120 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.40     | 134.00 | 0    |
| 134          | Serine (%)            | 2188     | 0.7200   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.46     | 134.05 | 0    |
| 134          | Serine (%)            | 0939     | 0.7300   | 0.0200 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.65     | 134.00 | 0    |
| 134          | Serine (%)            | 0682     | 0.7330   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.71     | 134.00 | 0    |
| 134          | Serine (%)            | 2319     | 0.7450   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | 0.94     | 134.05 | 0    |
| 134          | Serine (%)            | 0148     | 0.7510   | 0.0520 | 0.6963         | 0.0519    | 0.0179    | 36      | 1.05     | 134.05 | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 134          | Serine (%)            | 2144     | 0.7700   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | 1.42     | 134.99 | 0    |
| 134          | Serine (%)            | 0870     | 0.7790   | 0.0760 | 0.6963         | 0.0519    | 0.0179    | 36      | 1.59     | 134.05 | 0    |
| 134          | Serine (%)            | 0676     | 0.7800   | 0.0000 | 0.6963         | 0.0519    | 0.0179    | 36      | 1.61     | 134.05 | 0    |
| 134          | Serine (%)            | 2246     | 0.7963   | 0.0749 | 0.6963         | 0.0519    | 0.0179    | 36      | 1.93     | 134.05 | 0    |
| 134          | Serine (%)            | 0889     | 0.8750   | 0.0100 | 0.6963         | 0.0519    | 0.0179    | 36      | 3.44     | 134.99 | 0    |
| 135          | Threonine (%)         | 2322     | 0.3221   | 0.0002 | 0.5196         | 0.0283    | 0.0111    | 37      | -6.98    | 135.00 | 0    |
| 135          | Threonine (%)         | 0407     | 0.4675   | 0.0070 | 0.5196         | 0.0283    | 0.0111    | 37      | -1.84    | 135.05 | 0    |
| 135          | Threonine (%)         | 0872     | 0.4870   | 0.0040 | 0.5196         | 0.0283    | 0.0111    | 37      | -1.15    | 135.00 | 0    |
| 135          | Threonine (%)         | 0610     | 0.4900   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -1.04    | 135.05 | 0    |
| 135          | Threonine (%)         | 0354     | 0.4945   | 0.0110 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.89    | 135.00 | 0    |
| 135          | Threonine (%)         | 0626     | 0.4945   | 0.0010 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.89    | 135.05 | 0    |
| 135          | Threonine (%)         | 0353     | 0.4950   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.87    | 135.00 | 0    |
| 135          | Threonine (%)         | 0098     | 0.4960   | 0.0060 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.83    | 135.02 | 0    |
| 135          | Threonine (%)         | 0504     | 0.5000   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.69    | 135.00 | 0    |
| 135          | Threonine (%)         | 2443     | 0.5000   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.69    | 135.00 | 0    |
| 135          | Threonine (%)         | 2246     | 0.5000   | 0.0376 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.69    | 135.99 | 0    |
| 135          | Threonine (%)         | 0684     | 0.5050   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.51    | 135.00 | 0    |
| 135          | Threonine (%)         | 0859     | 0.5076   | 0.0033 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.42    | 135.00 | 0    |
| 135          | Threonine (%)         | 2059     | 0.5080   | 0.0020 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.41    | 135.00 | 0    |
| 135          | Threonine (%)         | 0941     | 0.5090   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.37    | 135.00 | 0    |
| 135          | Threonine (%)         | 0675     | 0.5100   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.34    | 135.00 | 0    |
| 135          | Threonine (%)         | 2196     | 0.5100   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.34    | 135.05 | 0    |
| 135          | Threonine (%)         | 0571     | 0.5120   | 0.0020 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.27    | 135.00 | 0    |
| 135          | Threonine (%)         | 0968     | 0.5150   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.16    | 135.00 | 0    |
| 135          | Threonine (%)         | 2146     | 0.5150   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.16    | 135.99 | 0    |
| 135          | Threonine (%)         | 0644     | 0.5190   | 0.0160 | 0.5196         | 0.0283    | 0.0111    | 37      | -0.02    | 135.00 | 0    |
| 135          | Threonine (%)         | 0227     | 0.5200   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.02     | 135.99 | 0    |
| 135          | Threonine (%)         | 0939     | 0.5250   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.19     | 135.00 | 0    |
| 135          | Threonine (%)         | 2319     | 0.5300   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.37     | 135.05 | 0    |
| 135          | Threonine (%)         | 0619     | 0.5325   | 0.0390 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.46     | 135.00 | 0    |
| 135          | Threonine (%)         | 0723     | 0.5335   | 0.0010 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.49     | 135.00 | 0    |
| 135          | Threonine (%)         | 0676     | 0.5350   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.55     | 135.05 | 0    |
| 135          | Threonine (%)         | 0226     | 0.5398   | 0.0152 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.72     | 135.00 | 0    |
| 135          | Threonine (%)         | 2195     | 0.5400   | 0.0200 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.72     | 135.05 | 0    |
| 135          | Threonine (%)         | 0682     | 0.5420   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | 0.79     | 135.00 | 0    |
| 135          | Threonine (%)         | 0910     | 0.5500   | 0.0200 | 0.5196         | 0.0283    | 0.0111    | 37      | 1.08     | 135.00 | 0    |
| 135          | Threonine (%)         | 0870     | 0.5505   | 0.0110 | 0.5196         | 0.0283    | 0.0111    | 37      | 1.09     | 135.05 | 0    |
| 135          | Threonine (%)         | 0148     | 0.5565   | 0.0250 | 0.5196         | 0.0283    | 0.0111    | 37      | 1.31     | 135.05 | 0    |
| 135          | Threonine (%)         | 2188     | 0.5610   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | 1.46     | 135.05 | 0    |
| 135          | Threonine (%)         | 2246     | 0.5752   | 0.0376 | 0.5196         | 0.0283    | 0.0111    | 37      | 1.97     | 135.05 | 0    |
| 135          | Threonine (%)         | 0889     | 0.5950   | 0.0100 | 0.5196         | 0.0283    | 0.0111    | 37      | 2.67     | 135.99 | 0    |
| 135          | Threonine (%)         | 2144     | 0.6000   | 0.0000 | 0.5196         | 0.0283    | 0.0111    | 37      | 2.84     | 135.99 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 136          | Tryptophan (%)        | 2443     | 0.0856   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | -3.56    | 136.00 | 0    |
| 136          | Tryptophan (%)        | 2246     | 0.1178   | 0.0047 | 0.2077         | 0.0343    | 0.0047    | 24      | -2.62    | 136.05 | 0    |
| 136          | Tryptophan (%)        | 0504     | 0.1600   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | -1.39    | 136.99 | 0    |
| 136          | Tryptophan (%)        | 0870     | 0.1680   | 0.0180 | 0.2077         | 0.0343    | 0.0047    | 24      | -1.16    | 136.05 | 0    |
| 136          | Tryptophan (%)        | 2246     | 0.1684   | 0.0081 | 0.2077         | 0.0343    | 0.0047    | 24      | -1.15    | 136.99 | 0    |
| 136          | Tryptophan (%)        | 2322     | 0.1953   | 0.0003 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.36    | 136.00 | 0    |
| 136          | Tryptophan (%)        | 2319     | 0.2000   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.22    | 136.05 | 0    |
| 136          | Tryptophan (%)        | 0941     | 0.2060   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.05    | 136.00 | 0    |
| 136          | Tryptophan (%)        | 0872     | 0.2060   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.05    | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0619     | 0.2060   | 0.0080 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.05    | 136.00 | 0    |
| 136          | Tryptophan (%)        | 0098     | 0.2060   | 0.0060 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.05    | 136.02 | 0    |
| 136          | Tryptophan (%)        | 2114     | 0.2070   | 0.0004 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.02    | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0859     | 0.2071   | 0.0040 | 0.2077         | 0.0343    | 0.0047    | 24      | -0.02    | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0939     | 0.2100   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.07     | 136.03 | 0    |
| 136          | Tryptophan (%)        | 2059     | 0.2100   | 0.0020 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.07     | 136.03 | 0    |
| 136          | Tryptophan (%)        | 2196     | 0.2150   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.21     | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0644     | 0.2175   | 0.0030 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.29     | 136.01 | 0    |
| 136          | Tryptophan (%)        | 0571     | 0.2185   | 0.0010 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.31     | 136.01 | 0    |
| 136          | Tryptophan (%)        | 0226     | 0.2190   | 0.0033 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.33     | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0353     | 0.2350   | 0.0100 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.80     | 136.03 | 0    |
| 136          | Tryptophan (%)        | 0684     | 0.2400   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | 0.94     | 136.00 | 0    |
| 136          | Tryptophan (%)        | 0227     | 0.2600   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | 1.52     | 136.00 | 0    |
| 136          | Tryptophan (%)        | 0682     | 0.2920   | 0.0000 | 0.2077         | 0.0343    | 0.0047    | 24      | 2.46     | 136.00 | 0    |
| 136          | Tryptophan (%)        | 0889     | 0.3975   | 0.0050 | 0.2077         | 0.0343    | 0.0047    | 24      | 5.53     | 136.99 | 0    |
| 136          | Tryptophan (%)        | 0407     | 0.2480   | 0.0260 | 0.2077         | 0.0343    | 0.0047    | 24      | 1.17     | 136.05 | 1    |
| 137          | Tyrosine (%)          | 2322     | 0.2642   | 0.0001 | 0.4327         | 0.0613    | 0.0191    | 33      | -2.75    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0682     | 0.3390   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | -1.53    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0910     | 0.3500   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | -1.35    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0626     | 0.3685   | 0.0370 | 0.4327         | 0.0613    | 0.0191    | 33      | -1.05    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 2443     | 0.3765   | 0.0372 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.92    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0098     | 0.3805   | 0.0070 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.85    | 137.02 | 0    |
| 137          | Tyrosine (%)          | 2246     | 0.3883   | 0.0410 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.72    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0684     | 0.3900   | 0.0200 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.70    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0889     | 0.3975   | 0.0050 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.57    | 137.99 | 0    |
| 137          | Tyrosine (%)          | 0227     | 0.4000   | 0.0200 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.53    | 137.99 | 0    |
| 137          | Tyrosine (%)          | 2196     | 0.4080   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.40    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0504     | 0.4100   | 0.0200 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.37    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0870     | 0.4145   | 0.0070 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.30    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 2319     | 0.4150   | 0.0100 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.29    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0354     | 0.4150   | 0.0180 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.29    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0675     | 0.4200   | 0.0600 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.21    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0941     | 0.4230   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.16    | 137.00 | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-----------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 137          | Tyrosine (%)          | 0407     | 0.4230   | 0.0180 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.16    | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0872     | 0.4300   | 0.0160 | 0.4327         | 0.0613    | 0.0191    | 33      | -0.04    | 137.00 | 0    |
| 137          | Tyrosine (%)          | 2146     | 0.4350   | 0.0100 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.04     | 137.99 | 0    |
| 137          | Tyrosine (%)          | 0939     | 0.4500   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.28     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 2188     | 0.4510   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.30     | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0644     | 0.4605   | 0.0110 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.45     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0723     | 0.4695   | 0.0010 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.60     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0968     | 0.4700   | 0.0400 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.61     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0226     | 0.4727   | 0.0156 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.65     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0610     | 0.4750   | 0.0100 | 0.4327         | 0.0613    | 0.0191    | 33      | 0.69     | 137.05 | 0    |
| 137          | Tyrosine (%)          | 0353     | 0.4950   | 0.0100 | 0.4327         | 0.0613    | 0.0191    | 33      | 1.02     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 2195     | 0.5100   | 0.0600 | 0.4327         | 0.0613    | 0.0191    | 33      | 1.26     | 137.05 | 0    |
| 137          | Tyrosine (%)          | 2144     | 0.5300   | 0.0000 | 0.4327         | 0.0613    | 0.0191    | 33      | 1.59     | 137.99 | 0    |
| 137          | Tyrosine (%)          | 0148     | 0.5340   | 0.0420 | 0.4327         | 0.0613    | 0.0191    | 33      | 1.65     | 137.05 | 0    |
| 137          | Tyrosine (%)          | 2059     | 0.5400   | 0.0020 | 0.4327         | 0.0613    | 0.0191    | 33      | 1.75     | 137.00 | 0    |
| 137          | Tyrosine (%)          | 0676     | 0.5550   | 0.0100 | 0.4327         | 0.0613    | 0.0191    | 33      | 2.00     | 137.05 | 0    |
| 138          | Valine (%)            | 2322     | 0.4222   | 0.0002 | 0.6955         | 0.0452    | 0.0136    | 36      | -6.04    | 138.00 | 0    |
| 138          | Valine (%)            | 0684     | 0.5950   | 0.0300 | 0.6955         | 0.0452    | 0.0136    | 36      | -2.22    | 138.00 | 0    |
| 138          | Valine (%)            | 0353     | 0.6000   | 0.0200 | 0.6955         | 0.0452    | 0.0136    | 36      | -2.11    | 138.00 | 0    |
| 138          | Valine (%)            | 2188     | 0.6140   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | -1.80    | 138.05 | 0    |
| 138          | Valine (%)            | 2319     | 0.6250   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | -1.56    | 138.05 | 0    |
| 138          | Valine (%)            | 0889     | 0.6375   | 0.0050 | 0.6955         | 0.0452    | 0.0136    | 36      | -1.28    | 138.99 | 0    |
| 138          | Valine (%)            | 0407     | 0.6560   | 0.0300 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.87    | 138.05 | 0    |
| 138          | Valine (%)            | 0354     | 0.6610   | 0.0040 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.76    | 138.00 | 0    |
| 138          | Valine (%)            | 2443     | 0.6721   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.52    | 138.00 | 0    |
| 138          | Valine (%)            | 2196     | 0.6810   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.32    | 138.05 | 0    |
| 138          | Valine (%)            | 0968     | 0.6850   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.23    | 138.00 | 0    |
| 138          | Valine (%)            | 0626     | 0.6860   | 0.0040 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.21    | 138.05 | 0    |
| 138          | Valine (%)            | 0644     | 0.6880   | 0.0160 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.17    | 138.00 | 0    |
| 138          | Valine (%)            | 2246     | 0.6893   | 0.0495 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.14    | 138.05 | 0    |
| 138          | Valine (%)            | 0939     | 0.6900   | 0.0200 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.12    | 138.00 | 0    |
| 138          | Valine (%)            | 0859     | 0.6907   | 0.0016 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.11    | 138.00 | 0    |
| 138          | Valine (%)            | 0148     | 0.6925   | 0.0010 | 0.6955         | 0.0452    | 0.0136    | 36      | -0.07    | 138.05 | 0    |
| 138          | Valine (%)            | 2059     | 0.6970   | 0.0060 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.03     | 138.00 | 0    |
| 138          | Valine (%)            | 0723     | 0.6975   | 0.0010 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.04     | 138.00 | 0    |
| 138          | Valine (%)            | 0872     | 0.7000   | 0.0160 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.10     | 138.00 | 0    |
| 138          | Valine (%)            | 2146     | 0.7050   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.21     | 138.99 | 0    |
| 138          | Valine (%)            | 0675     | 0.7050   | 0.0500 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.21     | 138.00 | 0    |
| 138          | Valine (%)            | 0941     | 0.7060   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.23     | 138.00 | 0    |
| 138          | Valine (%)            | 0226     | 0.7103   | 0.0126 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.33     | 138.00 | 0    |
| 138          | Valine (%)            | 0571     | 0.7145   | 0.0090 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.42     | 138.00 | 0    |
| 138          | Valine (%)            | 0610     | 0.7150   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.43     | 138.05 | 0    |

| Method Group | Analyte Group (Units)   | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|-------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                         |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 138          | Valine (%)              | 0098     | 0.7205   | 0.0010 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.55     | 138.02 | 0    |
| 138          | Valine (%)              | 0870     | 0.7225   | 0.0250 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.60     | 138.05 | 0    |
| 138          | Valine (%)              | 2195     | 0.7250   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.65     | 138.05 | 0    |
| 138          | Valine (%)              | 0504     | 0.7350   | 0.0100 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.87     | 138.00 | 0    |
| 138          | Valine (%)              | 0910     | 0.7350   | 0.0300 | 0.6955         | 0.0452    | 0.0136    | 36      | 0.87     | 138.00 | 0    |
| 138          | Valine (%)              | 0676     | 0.7450   | 0.0300 | 0.6955         | 0.0452    | 0.0136    | 36      | 1.10     | 138.05 | 0    |
| 138          | Valine (%)              | 2144     | 0.7500   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | 1.21     | 138.99 | 0    |
| 138          | Valine (%)              | 0227     | 0.7600   | 0.0200 | 0.6955         | 0.0452    | 0.0136    | 36      | 1.43     | 138.99 | 0    |
| 138          | Valine (%)              | 0682     | 0.7660   | 0.0000 | 0.6955         | 0.0452    | 0.0136    | 36      | 1.56     | 138.00 | 0    |
| 138          | Valine (%)              | 0619     | 0.7895   | 0.0030 | 0.6955         | 0.0452    | 0.0136    | 36      | 2.08     | 138.00 | 0    |
| 139          | Taurine (%)             | 0889     | 0.0200   | 0.0000 |                |           |           | 3       |          | 139.99 | 0    |
| 139          | Taurine (%)             | 2443     | 0.0461   | 0.0000 |                |           |           | 3       |          | 139.00 | 0    |
| 139          | Taurine (%)             | 0682     | 0.0560   | 0.0000 |                |           |           | 3       |          | 139.00 | 0    |
| 139          | Taurine (%)             | 0227     | 0.0150   | 0.0100 |                |           |           | 3       |          | 139.99 | 1    |
| 139          | Taurine (%)             | 0504     | 0.1800   | 0.0000 |                |           |           | 3       |          | 139.00 | 2    |
| 139          | Taurine (%)             | 0098     | < 0.01   |        |                |           |           | 3       |          | 139.02 | 5    |
| 160          | Fructose (%)            | 0619     | 0.0905   | 0.0010 |                |           |           | 3       |          | 160.99 | 0    |
| 160          | Fructose (%)            | 0148     | 0.2170   | 0.0240 |                |           |           | 3       |          | 160.99 | 0    |
| 160          | Fructose (%)            | 0227     | 0.2750   | 0.0300 |                |           |           | 3       |          | 160.99 | 0    |
| 162          | Glucose (%)             | 0619     | 0.0755   | 0.0010 |                |           |           | 2       |          | 162.99 | 0    |
| 162          | Glucose (%)             | 0227     | 0.2250   | 0.0100 |                |           |           | 2       |          | 162.99 | 0    |
| 163          | Lactose (%)             | 0619     | 0.0000   | 0.0000 |                |           |           | 0       |          | 163.99 | 4    |
| 163          | Lactose (%)             | 0227     | < 0.15   |        |                |           |           | 0       |          | 163.99 | 5    |
| 164          | Maltose (%)             | 0227     | 0.3750   | 0.0300 |                |           |           | 1       |          | 164.99 | 0    |
| 165          | Sucrose (%)             | 0619     | 1.585    | 0.0300 |                |           |           | 3       |          | 165.99 | 0    |
| 165          | Sucrose (%)             | 0227     | 1.660    | 0.0400 |                |           |           | 3       |          | 165.99 | 0    |
| 165          | Sucrose (%)             | 0148     | 1.775    | 0.1100 |                |           |           | 3       |          | 165.99 | 0    |
| 166          | Raffinose (%)           | 0227     | 0.7500   | 0.0000 |                |           |           | 1       |          | 166.99 | 0    |
| 167          | Stachyose (%)           | 0227     | < 0.05   |        |                |           |           | 0       |          | 167.99 | 5    |
| 351          | Chlortetracycline (ppm) | 0148     | 2.675    | 0.2300 | 8.975          | 4.329     | 0.4904    | 4       |          | 351.05 | 0    |
| 351          | Chlortetracycline (ppm) | 0884     | 9.650    | 0.7000 | 8.975          | 4.329     | 0.4904    | 4       |          | 351.05 | 0    |
| 351          | Chlortetracycline (ppm) | 0218     | 11.42    | 0.9315 | 8.975          | 4.329     | 0.4904    | 4       |          | 351.00 | 0    |
| 351          | Chlortetracycline (ppm) | 0038     | 12.15    | 0.1000 | 8.975          | 4.329     | 0.4904    | 4       |          | 351.03 | 0    |
| 354          | Decoquinatate (ppm)     | 0148     | 118.0    | 2.050  | 153.6          | 13.61     | 3.981     | 16      | -2.62    | 354.04 | 0    |
| 354          | Decoquinatate (ppm)     | 2113     | 120.0    | 0.0000 | 153.6          | 13.61     | 3.981     | 16      | -2.47    | 354.04 | 0    |
| 354          | Decoquinatate (ppm)     | 2135     | 134.2    | 3.800  | 153.6          | 13.61     | 3.981     | 16      | -1.43    | 354.01 | 0    |
| 354          | Decoquinatate (ppm)     | 0003     | 142.1    | 8.600  | 153.6          | 13.61     | 3.981     | 16      | -0.84    | 354.03 | 0    |
| 354          | Decoquinatate (ppm)     | 0047     | 149.2    | 2.250  | 153.6          | 13.61     | 3.981     | 16      | -0.32    | 354.01 | 0    |
| 354          | Decoquinatate (ppm)     | 0038     | 150.5    | 3.000  | 153.6          | 13.61     | 3.981     | 16      | -0.23    | 354.01 | 0    |
| 354          | Decoquinatate (ppm)     | 0028     | 153.5    | 12.50  | 153.6          | 13.61     | 3.981     | 16      | -0.01    | 354.01 | 0    |
| 354          | Decoquinatate (ppm)     | 0512     | 155.6    | 4.800  | 153.6          | 13.61     | 3.981     | 16      | 0.15     | 354.02 | 0    |
| 354          | Decoquinatate (ppm)     | 0010     | 160.5    | 1.500  | 153.6          | 13.61     | 3.981     | 16      | 0.50     | 354.01 | 0    |

| Method Group | Analyte Group (Units)  | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                        |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 354          | Decoquinat (ppm)       | 0036     | 160.8    | 0.5000 | 153.6          | 13.61     | 3.981     | 16      | 0.53     | 354.02 | 0    |
| 354          | Decoquinat (ppm)       | 0032     | 161.0    | 4.000  | 153.6          | 13.61     | 3.981     | 16      | 0.54     | 354.01 | 0    |
| 354          | Decoquinat (ppm)       | 0013     | 162.5    | 1.000  | 153.6          | 13.61     | 3.981     | 16      | 0.65     | 354.02 | 0    |
| 354          | Decoquinat (ppm)       | 0875     | 165.0    | 10.00  | 153.6          | 13.61     | 3.981     | 16      | 0.84     | 354.04 | 0    |
| 354          | Decoquinat (ppm)       | 0218     | 165.5    | 5.100  | 153.6          | 13.61     | 3.981     | 16      | 0.87     | 354.01 | 0    |
| 354          | Decoquinat (ppm)       | 0001     | 165.5    | 3.000  | 153.6          | 13.61     | 3.981     | 16      | 0.87     | 354.01 | 0    |
| 354          | Decoquinat (ppm)       | 0033     | 165.5    | 3.000  | 153.6          | 13.61     | 3.981     | 16      | 0.87     | 354.02 | 0    |
| 361          | Lasalocid Sodium (ppm) | 2113     | 0.3150   | 0.1300 |                |           |           | 1       |          | 361.05 | 0    |
| 365          | Monensin (ppm)         | 0884     | 13.60    | 0.4000 | 19.05          | 1.240     | 0.6614    | 20      | -4.39    | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0590     | 15.85    | 0.9000 | 19.05          | 1.240     | 0.6614    | 20      | -2.58    | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0148     | 17.68    | 0.0200 | 19.05          | 1.240     | 0.6614    | 20      | -1.10    | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0910     | 17.70    | 0.6000 | 19.05          | 1.240     | 0.6614    | 20      | -1.09    | 365.02 | 0    |
| 365          | Monensin (ppm)         | 0028     | 17.90    | 0.2000 | 19.05          | 1.240     | 0.6614    | 20      | -0.93    | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0035     | 18.09    | 0.1200 | 19.05          | 1.240     | 0.6614    | 20      | -0.77    | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0032     | 18.12    | 0.4300 | 19.05          | 1.240     | 0.6614    | 20      | -0.75    | 365.02 | 0    |
| 365          | Monensin (ppm)         | 0610     | 19.10    | 0.8000 | 19.05          | 1.240     | 0.6614    | 20      | 0.04     | 365.02 | 0    |
| 365          | Monensin (ppm)         | 0148     | 19.46    | 0.4660 | 19.05          | 1.240     | 0.6614    | 20      | 0.33     | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0668     | 19.47    | 0.0800 | 19.05          | 1.240     | 0.6614    | 20      | 0.34     | 365.99 | 0    |
| 365          | Monensin (ppm)         | 0875     | 19.50    | 1.000  | 19.05          | 1.240     | 0.6614    | 20      | 0.36     | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0036     | 19.55    | 1.300  | 19.05          | 1.240     | 0.6614    | 20      | 0.40     | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0964     | 19.57    | 0.1102 | 19.05          | 1.240     | 0.6614    | 20      | 0.42     | 365.04 | 0    |
| 365          | Monensin (ppm)         | 0218     | 19.70    | 0.2000 | 19.05          | 1.240     | 0.6614    | 20      | 0.53     | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0010     | 19.75    | 2.100  | 19.05          | 1.240     | 0.6614    | 20      | 0.57     | 365.03 | 0    |
| 365          | Monensin (ppm)         | 0033     | 19.80    | 0.2000 | 19.05          | 1.240     | 0.6614    | 20      | 0.61     | 365.03 | 0    |
| 365          | Monensin (ppm)         | 2113     | 20.00    | 2.000  | 19.05          | 1.240     | 0.6614    | 20      | 0.77     | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0003     | 20.30    | 2.000  | 19.05          | 1.240     | 0.6614    | 20      | 1.01     | 365.04 | 0    |
| 365          | Monensin (ppm)         | 0027     | 20.34    | 0.3890 | 19.05          | 1.240     | 0.6614    | 20      | 1.04     | 365.00 | 0    |
| 365          | Monensin (ppm)         | 2443     | 20.57    | 1.217  | 19.05          | 1.240     | 0.6614    | 20      | 1.22     | 365.05 | 0    |
| 365          | Monensin (ppm)         | 0038     | 20.10    | 4.000  | 19.05          | 1.240     | 0.6614    | 20      | 0.85     | 365.05 | 1    |
| 379          | Salinomycin (ppm)      | 2113     | < 0.25   |        |                |           |           | 0       |          | 379.05 | 5    |
| 391          | Narasin (ppm)          | 2113     | < 0.25   |        |                |           |           | 0       |          | 391.03 | 5    |
| 400          | Water Activity (Units) | 0942     | 0.4440   | 0.0020 | 0.4745         | 0.0232    | 0.0082    | 15      | -1.31    | 400.01 | 0    |
| 400          | Water Activity (Units) | 2174     | 0.4460   | 0.0380 | 0.4745         | 0.0232    | 0.0082    | 15      | -1.23    | 400.01 | 0    |
| 400          | Water Activity (Units) | 0853     | 0.4542   | 0.0005 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.88    | 400.01 | 0    |
| 400          | Water Activity (Units) | 2168     | 0.4590   | 0.0140 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.67    | 400.01 | 0    |
| 400          | Water Activity (Units) | 0589     | 0.4625   | 0.0070 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.52    | 400.01 | 0    |
| 400          | Water Activity (Units) | 2268     | 0.4655   | 0.0070 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.39    | 400.01 | 0    |
| 400          | Water Activity (Units) | 0910     | 0.4670   | 0.0060 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.32    | 400.99 | 0    |
| 400          | Water Activity (Units) | 0171     | 0.4700   | 0.0200 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.20    | 400.01 | 0    |
| 400          | Water Activity (Units) | 0407     | 0.4736   | 0.0017 | 0.4745         | 0.0232    | 0.0082    | 15      | -0.04    | 400.01 | 0    |
| 400          | Water Activity (Units) | 0123     | 0.4850   | 0.0100 | 0.4745         | 0.0232    | 0.0082    | 15      | 0.45     | 400.01 | 0    |
| 400          | Water Activity (Units) | 2181     | 0.4858   | 0.0007 | 0.4745         | 0.0232    | 0.0082    | 15      | 0.48     | 400.01 | 0    |



| Method Group | Analyte Group (Units)      | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|----------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                            |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 400          | Water Activity (Units)     | 2303     | 0.4975   | 0.0070 | 0.4745         | 0.0232    | 0.0082    | 15      | 0.99     | 400.01 | 0    |
| 400          | Water Activity (Units)     | 0676     | 0.4995   | 0.0070 | 0.4745         | 0.0232    | 0.0082    | 15      | 1.07     | 400.99 | 0    |
| 400          | Water Activity (Units)     | 0010     | 0.5018   | 0.0159 | 0.4745         | 0.0232    | 0.0082    | 15      | 1.17     | 400.01 | 0    |
| 400          | Water Activity (Units)     | 2114     | 0.5069   | 0.0076 | 0.4745         | 0.0232    | 0.0082    | 15      | 1.39     | 400.01 | 0    |
| 400          | Water Activity (Units)     | 0921     | 2,133    | 4,265  | 0.4745         | 0.0232    | 0.0082    | 15      | >100     | 400.01 | 2    |
| 516          | Arsenic, Total (As) (ppm)  | 0619     | 0.0180   | 0.0020 | 0.1124         | 0.0167    | 0.0153    | 8       | -5.66    | 516.43 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0045     | 0.1000   | 0.0400 | 0.1124         | 0.0167    | 0.0153    | 8       | -0.74    | 516.00 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0186     | 0.1066   | 0.0038 | 0.1124         | 0.0167    | 0.0153    | 8       | -0.35    | 516.52 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 2022     | 0.1076   | 0.0052 | 0.1124         | 0.0167    | 0.0153    | 8       | -0.29    | 516.00 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0407     | 0.1194   | 0.0057 | 0.1124         | 0.0167    | 0.0153    | 8       | 0.42     | 516.53 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0910     | 0.1200   | 0.0200 | 0.1124         | 0.0167    | 0.0153    | 8       | 0.46     | 516.52 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0227     | 0.1260   | 0.0100 | 0.1124         | 0.0167    | 0.0153    | 8       | 0.82     | 516.53 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0010     | 0.1320   | 0.0360 | 0.1124         | 0.0167    | 0.0153    | 8       | 1.18     | 516.53 | 0    |
| 516          | Arsenic, Total (As) (ppm)  | 0682     | < 20     |        | 0.1124         | 0.0167    | 0.0153    | 8       |          | 516.43 | 5    |
| 518          | Cadmium (ppm)              | 0407     | 0.0836   | 0.0068 | 0.0971         | 0.0092    | 0.0043    | 11      | -1.46    | 518.41 | 0    |
| 518          | Cadmium (ppm)              | 0910     | 0.0900   | 0.0000 | 0.0971         | 0.0092    | 0.0043    | 11      | -0.77    | 518.52 | 0    |
| 518          | Cadmium (ppm)              | 0619     | 0.0905   | 0.0010 | 0.0971         | 0.0092    | 0.0043    | 11      | -0.71    | 518.41 | 0    |
| 518          | Cadmium (ppm)              | 0407     | 0.0911   | 0.0002 | 0.0971         | 0.0092    | 0.0043    | 11      | -0.65    | 518.53 | 0    |
| 518          | Cadmium (ppm)              | 0186     | 0.0937   | 0.0032 | 0.0971         | 0.0092    | 0.0043    | 11      | -0.37    | 518.52 | 0    |
| 518          | Cadmium (ppm)              | 2022     | 0.0969   | 0.0006 | 0.0971         | 0.0092    | 0.0043    | 11      | -0.02    | 518.34 | 0    |
| 518          | Cadmium (ppm)              | 0010     | 0.0995   | 0.0070 | 0.0971         | 0.0092    | 0.0043    | 11      | 0.26     | 518.53 | 0    |
| 518          | Cadmium (ppm)              | 0407     | 0.1027   | 0.0045 | 0.0971         | 0.0092    | 0.0043    | 11      | 0.60     | 518.43 | 0    |
| 518          | Cadmium (ppm)              | 2114     | 0.1040   | 0.0018 | 0.0971         | 0.0092    | 0.0043    | 11      | 0.75     | 518.99 | 0    |
| 518          | Cadmium (ppm)              | 0610     | 0.1050   | 0.0100 | 0.0971         | 0.0092    | 0.0043    | 11      | 0.86     | 518.53 | 0    |
| 518          | Cadmium (ppm)              | 0227     | 0.1130   | 0.0080 | 0.0971         | 0.0092    | 0.0043    | 11      | 1.73     | 518.53 | 0    |
| 518          | Cadmium (ppm)              | 0682     | < 0.2    |        | 0.0971         | 0.0092    | 0.0043    | 11      |          | 518.43 | 5    |
| 520          | Chromium, Total (Cr) (ppm) | 0910     | 1.425    | 0.1100 | 6.851          | 3.714     | 0.2590    | 12      | -1.46    | 520.51 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0186     | 1.696    | 0.0025 | 6.851          | 3.714     | 0.2590    | 12      | -1.39    | 520.52 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0010     | 3.975    | 0.3900 | 6.851          | 3.714     | 0.2590    | 12      | -0.77    | 520.53 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0619     | 4.405    | 0.3100 | 6.851          | 3.714     | 0.2590    | 12      | -0.66    | 520.41 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0407     | 5.558    | 0.0111 | 6.851          | 3.714     | 0.2590    | 12      | -0.35    | 520.41 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0407     | 8.013    | 0.1982 | 6.851          | 3.714     | 0.2590    | 12      | 0.31     | 520.43 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0939     | 8.505    | 0.1700 | 6.851          | 3.714     | 0.2590    | 12      | 0.45     | 520.53 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0407     | 9.333    | 0.4062 | 6.851          | 3.714     | 0.2590    | 12      | 0.67     | 520.53 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0045     | 9.385    | 0.1300 | 6.851          | 3.714     | 0.2590    | 12      | 0.68     | 520.42 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0682     | 9.640    | 0.0000 | 6.851          | 3.714     | 0.2590    | 12      | 0.75     | 520.43 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0510     | 10.14    | 0.5200 | 6.851          | 3.714     | 0.2590    | 12      | 0.89     | 520.43 | 0    |
| 520          | Chromium, Total (Cr) (ppm) | 0164     | 10.14    | 0.9200 | 6.851          | 3.714     | 0.2590    | 12      | 0.89     | 520.53 | 0    |
| 526          | Lead (ppm)                 | 0407     | 0.1057   | 0.0057 | 0.1325         | 0.0205    | 0.0061    | 9       | -1.31    | 526.53 | 0    |
| 526          | Lead (ppm)                 | 0407     | 0.1180   | 0.0017 | 0.1325         | 0.0205    | 0.0061    | 9       | -0.71    | 526.43 | 0    |
| 526          | Lead (ppm)                 | 0910     | 0.1200   | 0.0000 | 0.1325         | 0.0205    | 0.0061    | 9       | -0.61    | 526.52 | 0    |
| 526          | Lead (ppm)                 | 0186     | 0.1276   | 0.0083 | 0.1325         | 0.0205    | 0.0061    | 9       | -0.24    | 526.52 | 0    |

| Method Group | Analyte Group (Units)                 | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT | Your   | Flag |
|--------------|---------------------------------------|----------|----------|--------|----------------|-----------|-----------|---------|----------|--------|------|
|              |                                       |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests | Z Score  | Method |      |
| 526          | Lead (ppm)                            | 0227     | 0.1295   | 0.0070 | 0.1325         | 0.0205    | 0.0061    | 9       | -0.15    | 526.53 | 0    |
| 526          | Lead (ppm)                            | 0610     | 0.1300   | 0.0000 | 0.1325         | 0.0205    | 0.0061    | 9       | -0.12    | 526.53 | 0    |
| 526          | Lead (ppm)                            | 0407     | 0.1474   | 0.0003 | 0.1325         | 0.0205    | 0.0061    | 9       | 0.72     | 526.41 | 0    |
| 526          | Lead (ppm)                            | 2022     | 0.1536   | 0.0064 | 0.1325         | 0.0205    | 0.0061    | 9       | 1.03     | 526.34 | 0    |
| 526          | Lead (ppm)                            | 0010     | 0.1610   | 0.0560 | 0.1325         | 0.0205    | 0.0061    | 9       | 1.39     | 526.53 | 0    |
| 526          | Lead (ppm)                            | 0921     | 1.813    | 0.3350 | 0.1325         | 0.0205    | 0.0061    | 9       | 82.07    | 526.31 | 1    |
| 526          | Lead (ppm)                            | 0619     | 0.0005   | 0.0010 | 0.1325         | 0.0205    | 0.0061    | 9       |          | 526.41 | 4    |
| 526          | Lead (ppm)                            | 0682     | < 10     |        | 0.1325         | 0.0205    | 0.0061    | 9       |          | 526.43 | 5    |
| 529          | Mercury (ppb)                         | 0407     | 2.315    | 0.0092 |                |           |           | 1       |          | 529.99 | 0    |
| 529          | Mercury (ppb)                         | 0227     | < 10     |        |                |           |           | 1       |          | 529.99 | 5    |
| 529          | Mercury (ppb)                         | 0682     | < 10000  |        |                |           |           | 1       |          | 529.99 | 5    |
| 539          | Nickel (ppm)                          | 0910     | 1.455    | 0.0300 | 3.821          | 2.029     | 0.0469    | 8       | -1.17    | 539.51 | 0    |
| 539          | Nickel (ppm)                          | 0186     | 1.535    | 0.0496 | 3.821          | 2.029     | 0.0469    | 8       | -1.13    | 539.52 | 0    |
| 539          | Nickel (ppm)                          | 0010     | 2.265    | 0.0100 | 3.821          | 2.029     | 0.0469    | 8       | -0.77    | 539.53 | 0    |
| 539          | Nickel (ppm)                          | 0407     | 4.351    | 0.0284 | 3.821          | 2.029     | 0.0469    | 8       | 0.26     | 539.41 | 0    |
| 539          | Nickel (ppm)                          | 0407     | 4.685    | 0.0547 | 3.821          | 2.029     | 0.0469    | 8       | 0.43     | 539.43 | 0    |
| 539          | Nickel (ppm)                          | 0407     | 5.065    | 0.0758 | 3.821          | 2.029     | 0.0469    | 8       | 0.61     | 539.53 | 0    |
| 539          | Nickel (ppm)                          | 0939     | 5.270    | 0.0800 | 3.821          | 2.029     | 0.0469    | 8       | 0.71     | 539.53 | 0    |
| 539          | Nickel (ppm)                          | 0682     | 5.940    | 0.0000 | 3.821          | 2.029     | 0.0469    | 8       | 1.04     | 539.43 | 0    |
| 702          | Butyric Acid (4:0) (%)                | 0164     | < 0.02   |        |                |           |           | 0       |          | 702.00 | 5    |
| 704          | Caproic Acid (6:0) (%)                | 0164     | < 0.02   |        |                |           |           | 0       |          | 704.00 | 5    |
| 706          | Caprylic acid (8:0) (%) (w/w)         | 0164     | < 0.02   |        |                |           |           | 0       |          | 706.99 | 5    |
| 706          | Caprylic acid (8:0) (%) (w/w)         | 0910     | < 0.05   |        |                |           |           | 0       |          | 706.99 | 5    |
| 708          | Capric acid (10:0) (%) (w/w)          | 0164     | < 0.02   |        |                |           |           | 0       |          | 708.99 | 5    |
| 708          | Capric acid (10:0) (%) (w/w)          | 0910     | < 0.05   |        |                |           |           | 0       |          | 708.99 | 5    |
| 710          | Lauric Acid (12:0) (%) (w/w)          | 0676     | 0.0020   | 0.0000 |                |           |           | 1       |          | 710.99 | 0    |
| 710          | Lauric Acid (12:0) (%) (w/w)          | 0226     | < 0.005  |        |                |           |           | 1       |          | 710.99 | 5    |
| 710          | Lauric Acid (12:0) (%) (w/w)          | 0164     | < 0.02   |        |                |           |           | 1       |          | 710.99 | 5    |
| 710          | Lauric Acid (12:0) (%) (w/w)          | 0910     | < 0.05   |        |                |           |           | 1       |          | 710.99 | 5    |
| 714          | Myristic Acid (14:0) (%) (w/w)        | 0226     | 0.0079   | 0.0001 |                |           |           | 1       |          | 714.99 | 0    |
| 714          | Myristic Acid (14:0) (%) (w/w)        | 0164     | < 0.02   |        |                |           |           | 1       |          | 714.99 | 5    |
| 716          | Palmitic Acid (16:0) (%) (w/w)        | 0226     | 0.6173   | 0.0026 |                |           |           | 2       |          | 716.99 | 0    |
| 716          | Palmitic Acid (16:0) (%) (w/w)        | 0164     | 0.6760   | 0.0380 |                |           |           | 2       |          | 716.99 | 0    |
| 718          | Palmitoleic Acid (9c-16:1) (%) (w/w)  | 0676     | 0.0075   | 0.0010 |                |           |           | 2       |          | 718.99 | 0    |
| 718          | Palmitoleic Acid (9c-16:1) (%) (w/w)  | 0226     | 0.0085   | 0.0002 |                |           |           | 2       |          | 718.99 | 0    |
| 718          | Palmitoleic Acid (9c-16:1) (%) (w/w)  | 0164     | < 0.02   |        |                |           |           | 2       |          | 718.99 | 5    |
| 720          | Margaric acid (17:0) (%) (w/w)        | 0164     | < 0.02   |        |                |           |           | 0       |          | 720.99 | 5    |
| 722          | Stearic Acid (18:0) (%) (w/w)         | 0226     | 0.0642   | 0.0001 |                |           |           | 2       |          | 722.99 | 0    |
| 722          | Stearic Acid (18:0) (%) (w/w)         | 0164     | 0.0775   | 0.0070 |                |           |           | 2       |          | 722.99 | 0    |
| 724          | Oleic Acid (9c-18:1) (%) (w/w)        | 0226     | 0.6663   | 0.0196 |                |           |           | 2       |          | 724.99 | 0    |
| 724          | Oleic Acid (9c-18:1) (%) (w/w)        | 0164     | 0.6825   | 0.0210 |                |           |           | 2       |          | 724.99 | 0    |
| 726          | Linoleic Acid (9c,12c-18:2) (%) (w/w) | 0164     | 1.820    | 0.0360 |                |           |           | 3       |          | 726.99 | 0    |

| Method Group | Analyte Group (Units)                                   | Lab Code | Lab Data |        | Analyte Values |           |           |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|---------------------------------------------------------|----------|----------|--------|----------------|-----------|-----------|---------|------------------|-------------|------|
|              |                                                         |          | Value    | Range  | Rob Mean       | Robust SD | Rob R-bar | # Tests |                  |             |      |
| 726          | Linoleic Acid (9c,12c-18:2) (% (w/w))                   | 0226     | 1.930    | 0.0400 |                |           |           | 3       | 726.99           | 0           |      |
| 726          | Linoleic Acid (9c,12c-18:2) (% (w/w))                   | 0676     | 1.999    | 0.0250 |                |           |           | 3       | 726.99           | 0           |      |
| 728          | alpha-Linolenic Acid (9c,12c,15c-18:3)                  | 0164     | 0.1155   | 0.0050 |                |           |           | 3       | 728.99           | 0           |      |
| 728          | alpha-Linolenic Acid (9c,12c,15c-18:3)                  | 0226     | 0.1202   | 0.0017 |                |           |           | 3       | 728.99           | 0           |      |
| 728          | alpha-Linolenic Acid (9c,12c,15c-18:3)                  | 0676     | 0.1285   | 0.0050 |                |           |           | 3       | 728.99           | 0           |      |
| 730          | Arachidic Acid (20:0) (% (w/w))                         | 0226     | 0.0104   | 0.0003 |                |           |           | 1       | 730.99           | 0           |      |
| 730          | Arachidic Acid (20:0) (% (w/w))                         | 0164     | < 0.02   |        |                |           |           | 1       | 730.99           | 5           |      |
| 732          | Gondoic Acid (11c-20:1) (% (w/w))                       | 0226     | 0.0166   | 0.0005 |                |           |           | 1       | 732.99           | 0           |      |
| 732          | Gondoic Acid (11c-20:1) (% (w/w))                       | 0164     | < 0.02   |        |                |           |           | 1       | 732.99           | 5           |      |
| 736          | Arachidonic Acid (5c,8c,11c,14c-20:4)                   | 0676     | 0.0000   | 0.0000 |                |           |           | 0       | 736.99           | 4           |      |
| 736          | Arachidonic Acid (5c,8c,11c,14c-20:4)                   | 0164     | < 0.02   |        |                |           |           | 0       | 736.99           | 5           |      |
| 740          | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)      | 0676     | 0.0000   | 0.0000 |                |           |           | 0       | 740.99           | 4           |      |
| 740          | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)      | 0226     | < 0.005  |        |                |           |           | 0       | 740.99           | 5           |      |
| 740          | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)      | 0164     | < 0.02   |        |                |           |           | 0       | 740.99           | 5           |      |
| 740          | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)      | 0910     | < 0.05   |        |                |           |           | 0       | 740.99           | 5           |      |
| 742          | Behenic Acid (22:0) (% (w/w))                           | 0226     | 0.0091   | 0.0003 |                |           |           | 1       | 742.99           | 0           |      |
| 742          | Behenic Acid (22:0) (% (w/w))                           | 0164     | < 0.02   |        |                |           |           | 1       | 742.99           | 5           |      |
| 744          | Erucic Acid (13c-22:1) (% (w/w))                        | 0226     | < 0.005  |        |                |           |           | 0       | 744.99           | 5           |      |
| 744          | Erucic Acid (13c-22:1) (% (w/w))                        | 0164     | < 0.02   |        |                |           |           | 0       | 744.99           | 5           |      |
| 746          | Docosapentaenoic Acid n-3 DPA (7c,11c,13c,15c,17c-22:5) | 0676     | 0.0000   | 0.0000 |                |           |           | 0       | 746.99           | 4           |      |
| 746          | Docosapentaenoic Acid n-3 DPA (7c,11c,13c,15c,17c-22:5) | 0226     | < 0.005  |        |                |           |           | 0       | 746.99           | 5           |      |
| 746          | Docosapentaenoic Acid n-3 DPA (7c,11c,13c,15c,17c-22:5) | 0164     | < 0.02   |        |                |           |           | 0       | 746.99           | 5           |      |
| 746          | Docosapentaenoic Acid n-3 DPA (7c,11c,13c,15c,17c-22:5) | 0910     | < 0.05   |        |                |           |           | 0       | 746.99           | 5           |      |
| 748          | Lignoceric Acid (24:0) (% (w/w))                        | 0226     | 0.0118   | 0.0004 |                |           |           | 1       | 748.99           | 0           |      |
| 748          | Lignoceric Acid (24:0) (% (w/w))                        | 0164     | < 0.02   |        |                |           |           | 1       | 748.99           | 5           |      |
| 750          | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)   | 0676     | 0.0000   | 0.0000 |                |           |           | 0       | 750.99           | 4           |      |
| 750          | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)   | 0226     | < 0.005  |        |                |           |           | 0       | 750.99           | 5           |      |
| 750          | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)   | 0164     | < 0.02   |        |                |           |           | 0       | 750.99           | 5           |      |
| 750          | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)   | 0910     | < 0.05   |        |                |           |           | 0       | 750.99           | 5           |      |
| 752          | Nervonic Acid (24:1) isomers (% (w/w))                  | 0226     | < 0.005  |        |                |           |           | 0       | 752.99           | 5           |      |
| 752          | Nervonic Acid (24:1) isomers (% (w/w))                  | 0164     | < 0.02   |        |                |           |           | 0       | 752.99           | 5           |      |
| 754          | Total n-3 Polyunsaturated (Omega-3)                     | 0164     | 0.1170   | 0.0060 |                |           |           | 2       | 754.99           | 0           |      |
| 754          | Total n-3 Polyunsaturated (Omega-3)                     | 0676     | 0.1300   | 0.0000 |                |           |           | 2       | 754.99           | 0           |      |
| 756          | Total n-6 Polyunsaturated (Omega-6)                     | 0164     | 1.827    | 0.0360 |                |           |           | 2       | 756.99           | 0           |      |
| 756          | Total n-6 Polyunsaturated (Omega-6)                     | 0676     | 2.000    | 0.0200 |                |           |           | 2       | 756.99           | 0           |      |
| 758          | Total Saturated Fatty Acids (% (w/w))                   | 0164     | 0.8245   | 0.0550 |                |           |           | 1       | 758.99           | 0           |      |
| 764          | Total cis Monounsaturated Fatty Acids (% (w/w))         | 0164     | 0.7660   | 0.0220 |                |           |           | 1       | 764.99           | 0           |      |
| 768          | Total cis Polyunsaturated Fatty Acids (% (w/w))         | 0164     | 1.948    | 0.0400 |                |           |           | 1       | 768.99           | 0           |      |
| 770          | Total Fat (equivalent to NLEA) (% (w/w))                | 0164     | 3.727    | 0.1470 |                |           |           | 1       | 770.99           | 0           |      |
| 772          | Total Fatty Acids (% (w/w))                             | 0226     | 3.470    | 0.0600 |                |           |           | 2       | 772.99           | 0           |      |
| 772          | Total Fatty Acids (% (w/w))                             | 0164     | 3.563    | 0.1410 |                |           |           | 2       | 772.99           | 0           |      |

**Note 1:** Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning)

| Method Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Analyte Group (Units)<br>and Green = Z <= 2 and >= -2 (OK at 95%). | Lab Code | Lab Data |       | Analyte Values |           |           |         | AAFCO PT Z Score | Your Method | Flag |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------|----------|-------|----------------|-----------|-----------|---------|------------------|-------------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |          | Value    | Range | Rob Mean       | Robust SD | Rob R-bar | # Tests |                  |             |      |
| <p><b>Note 2:</b> Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (&lt;), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.</p> <p><b>Note 3:</b> Robust statistics not used if &lt; 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). A zero range is not included in robust R-bar calculation.</p> |                                                                    |          |          |       |                |           |           |         |                  |             |      |