



**AAFCO**  
Proficiency Testing Program



**Pet Food Ingredient Scheme**

**Vegetable Pomace**

**Test Material Code # 202041**

**Analyte Proficiency Testing Report**

**# Labs Reporting: 57**

**# Analytes Reported 78**

**Issue Date : 03/31/2020**

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 001          | Loss on Drying (%)    | 0034     | 5.905    | 0.0500 | 7.021         | 0.2468    | 0.0720 | 27      | -4.52            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0845     | 6.465    | 0.4700 | 7.021         | 0.2468    | 0.0720 | 27      | -2.25            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2124     | 6.585    | 0.0700 | 7.021         | 0.2468    | 0.0720 | 27      | -1.77            | 001.03      | 0    |
| 001          | Loss on Drying (%)    | 0918     | 6.635    | 0.1300 | 7.021         | 0.2468    | 0.0720 | 27      | -1.57            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0510     | 6.700    | 0.0000 | 7.021         | 0.2468    | 0.0720 | 27      | -1.30            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0676     | 6.715    | 0.0300 | 7.021         | 0.2468    | 0.0720 | 27      | -1.24            | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 2156     | 6.930    | 0.0400 | 7.021         | 0.2468    | 0.0720 | 27      | -0.37            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0074     | 6.970    | 0.0400 | 7.021         | 0.2468    | 0.0720 | 27      | -0.21            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0407     | 6.990    | 0.0003 | 7.021         | 0.2468    | 0.0720 | 27      | -0.13            | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0027     | 7.035    | 0.0100 | 7.021         | 0.2468    | 0.0720 | 27      | 0.06             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2187     | 7.050    | 0.0200 | 7.021         | 0.2468    | 0.0720 | 27      | 0.12             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0309     | 7.055    | 0.0500 | 7.021         | 0.2468    | 0.0720 | 27      | 0.14             | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 2219     | 7.060    | 0.0600 | 7.021         | 0.2468    | 0.0720 | 27      | 0.16             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0065     | 7.065    | 0.0700 | 7.021         | 0.2468    | 0.0720 | 27      | 0.18             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2252     | 7.070    | 0.1400 | 7.021         | 0.2468    | 0.0720 | 27      | 0.20             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2115     | 7.080    | 0.0000 | 7.021         | 0.2468    | 0.0720 | 27      | 0.24             | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0003     | 7.090    | 0.0600 | 7.021         | 0.2468    | 0.0720 | 27      | 0.28             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0027     | 7.091    | 0.0640 | 7.021         | 0.2468    | 0.0720 | 27      | 0.28             | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 0504     | 7.115    | 0.0500 | 7.021         | 0.2468    | 0.0720 | 27      | 0.38             | 001.00      | 0    |
| 001          | Loss on Drying (%)    | 0619     | 7.170    | 0.0800 | 7.021         | 0.2468    | 0.0720 | 27      | 0.60             | 001.03      | 0    |
| 001          | Loss on Drying (%)    | 2220     | 7.180    | 0.0600 | 7.021         | 0.2468    | 0.0720 | 27      | 0.64             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0876     | 7.200    | 0.2000 | 7.021         | 0.2468    | 0.0720 | 27      | 0.72             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2293     | 7.215    | 0.0100 | 7.021         | 0.2468    | 0.0720 | 27      | 0.78             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 0171     | 7.220    | 0.0400 | 7.021         | 0.2468    | 0.0720 | 27      | 0.80             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2242     | 7.230    | 0.1400 | 7.021         | 0.2468    | 0.0720 | 27      | 0.85             | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 0098     | 7.350    | 0.0200 | 7.021         | 0.2468    | 0.0720 | 27      | 1.33             | 001.07      | 0    |
| 001          | Loss on Drying (%)    | 2136     | 7.650    | 0.0400 | 7.021         | 0.2468    | 0.0720 | 27      | 2.55             | 001.99      | 0    |
| 001          | Loss on Drying (%)    | 2155     | 5.895    | 0.7700 | 7.021         | 0.2468    | 0.0720 | 27      | -4.56            | 001.99      | 1    |
| 002          | Protein, Crude (%)    | 0529     | 7.830    | 0.0600 | 8.780         | 0.4007    | 0.0999 | 56      | -2.37            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2303     | 7.920    | 0.0180 | 8.780         | 0.4007    | 0.0999 | 56      | -2.15            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2252     | 7.975    | 0.5700 | 8.780         | 0.4007    | 0.0999 | 56      | -2.01            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0676     | 8.315    | 0.2500 | 8.780         | 0.4007    | 0.0999 | 56      | -1.16            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2219     | 8.330    | 0.0400 | 8.780         | 0.4007    | 0.0999 | 56      | -1.12            | 002.06      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 002          | Protein, Crude (%)    | 2220     | 8.340    | 0.1800 | 8.780         | 0.4007    | 0.0999 | 56      | -1.10            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0619     | 8.345    | 0.0300 | 8.780         | 0.4007    | 0.0999 | 56      | -1.08            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2156     | 8.360    | 0.2200 | 8.780         | 0.4007    | 0.0999 | 56      | -1.05            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0619     | 8.390    | 0.0600 | 8.780         | 0.4007    | 0.0999 | 56      | -0.97            | 002.01      | 0    |
| 002          | Protein, Crude (%)    | 0876     | 8.400    | 0.0000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.95            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0650     | 8.405    | 0.0500 | 8.780         | 0.4007    | 0.0999 | 56      | -0.93            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0042     | 8.410    | 0.3200 | 8.780         | 0.4007    | 0.0999 | 56      | -0.92            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0870     | 8.411    | 0.0610 | 8.780         | 0.4007    | 0.0999 | 56      | -0.92            | 002.01      | 0    |
| 002          | Protein, Crude (%)    | 2089     | 8.485    | 0.0700 | 8.780         | 0.4007    | 0.0999 | 56      | -0.74            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2122     | 8.490    | 0.0000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.72            | 002.04      | 0    |
| 002          | Protein, Crude (%)    | 2115     | 8.510    | 0.0800 | 8.780         | 0.4007    | 0.0999 | 56      | -0.67            | 002.05      | 0    |
| 002          | Protein, Crude (%)    | 2293     | 8.530    | 0.0000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.62            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0242     | 8.540    | 0.0400 | 8.780         | 0.4007    | 0.0999 | 56      | -0.60            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2136     | 8.545    | 0.1900 | 8.780         | 0.4007    | 0.0999 | 56      | -0.59            | 002.08      | 0    |
| 002          | Protein, Crude (%)    | 0164     | 8.625    | 0.2500 | 8.780         | 0.4007    | 0.0999 | 56      | -0.39            | 002.01      | 0    |
| 002          | Protein, Crude (%)    | 0098     | 8.630    | 0.1000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.37            | 002.08      | 0    |
| 002          | Protein, Crude (%)    | 2232     | 8.635    | 0.0500 | 8.780         | 0.4007    | 0.0999 | 56      | -0.36            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0870     | 8.688    | 0.0056 | 8.780         | 0.4007    | 0.0999 | 56      | -0.23            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0065     | 8.690    | 0.0200 | 8.780         | 0.4007    | 0.0999 | 56      | -0.22            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2162     | 8.695    | 0.0900 | 8.780         | 0.4007    | 0.0999 | 56      | -0.21            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0504     | 8.710    | 0.0000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.17            | 002.04      | 0    |
| 002          | Protein, Crude (%)    | 0074     | 8.710    | 0.0000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.17            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2307     | 8.725    | 0.0100 | 8.780         | 0.4007    | 0.0999 | 56      | -0.14            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0510     | 8.750    | 0.1000 | 8.780         | 0.4007    | 0.0999 | 56      | -0.07            | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0164     | 8.780    | 0.0600 | 8.780         | 0.4007    | 0.0999 | 56      | 0.00             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0003     | 8.810    | 0.0950 | 8.780         | 0.4007    | 0.0999 | 56      | 0.07             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0208     | 8.825    | 0.1500 | 8.780         | 0.4007    | 0.0999 | 56      | 0.11             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0202     | 8.865    | 0.1500 | 8.780         | 0.4007    | 0.0999 | 56      | 0.21             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0098     | 8.900    | 0.0400 | 8.780         | 0.4007    | 0.0999 | 56      | 0.30             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2124     | 8.930    | 0.0600 | 8.780         | 0.4007    | 0.0999 | 56      | 0.38             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0918     | 8.935    | 0.0100 | 8.780         | 0.4007    | 0.0999 | 56      | 0.39             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0958     | 8.950    | 0.0200 | 8.780         | 0.4007    | 0.0999 | 56      | 0.43             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0309     | 8.963    | 0.0099 | 8.780         | 0.4007    | 0.0999 | 56      | 0.46             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0034     | 8.994    | 0.2680 | 8.780         | 0.4007    | 0.0999 | 56      | 0.54             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0010     | 9.000    | 0.4000 | 8.780         | 0.4007    | 0.0999 | 56      | 0.55             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0553     | 9.020    | 0.0800 | 8.780         | 0.4007    | 0.0999 | 56      | 0.60             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0027     | 9.030    | 0.0670 | 8.780         | 0.4007    | 0.0999 | 56      | 0.62             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0407     | 9.048    | 0.2400 | 8.780         | 0.4007    | 0.0999 | 56      | 0.67             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0171     | 9.085    | 0.0100 | 8.780         | 0.4007    | 0.0999 | 56      | 0.76             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2016     | 9.095    | 0.2100 | 8.780         | 0.4007    | 0.0999 | 56      | 0.79             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2242     | 9.175    | 0.0100 | 8.780         | 0.4007    | 0.0999 | 56      | 0.99             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2207     | 9.200    | 0.0600 | 8.780         | 0.4007    | 0.0999 | 56      | 1.05             | 002.06      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 002          | Protein, Crude (%)    | 0845     | 9.240    | 0.2400 | 8.780         | 0.4007    | 0.0999 | 56      | 1.15             | 002.00      | 0    |
| 002          | Protein, Crude (%)    | 0511     | 9.240    | 0.1000 | 8.780         | 0.4007    | 0.0999 | 56      | 1.15             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0417     | 9.265    | 0.1100 | 8.780         | 0.4007    | 0.0999 | 56      | 1.21             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0001     | 9.283    | 0.0250 | 8.780         | 0.4007    | 0.0999 | 56      | 1.26             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2033     | 9.300    | 0.0200 | 8.780         | 0.4007    | 0.0999 | 56      | 1.30             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0047     | 9.550    | 0.1000 | 8.780         | 0.4007    | 0.0999 | 56      | 1.92             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0554     | 9.625    | 0.0300 | 8.780         | 0.4007    | 0.0999 | 56      | 2.11             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2155     | 9.660    | 0.0330 | 8.780         | 0.4007    | 0.0999 | 56      | 2.20             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 0504     | 9.695    | 0.1300 | 8.780         | 0.4007    | 0.0999 | 56      | 2.28             | 002.06      | 0    |
| 002          | Protein, Crude (%)    | 2187     | 8.475    | 0.9700 | 8.780         | 0.4007    | 0.0999 | 56      | -0.76            | 002.06      | 1    |
| 003          | Fat, Crude (%)        | 0242     | 1.530    | 0.0800 | 2.055         | 0.2604    | 0.0869 | 35      | -2.02            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0098     | 1.645    | 0.0900 | 2.055         | 0.2604    | 0.0869 | 35      | -1.58            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0870     | 1.731    | 0.0091 | 2.055         | 0.2604    | 0.0869 | 35      | -1.25            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 2162     | 1.750    | 0.0400 | 2.055         | 0.2604    | 0.0869 | 35      | -1.17            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0034     | 1.750    | 0.2000 | 2.055         | 0.2604    | 0.0869 | 35      | -1.17            | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 2155     | 1.813    | 0.0410 | 2.055         | 0.2604    | 0.0869 | 35      | -0.93            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 2136     | 1.830    | 0.2000 | 2.055         | 0.2604    | 0.0869 | 35      | -0.87            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0202     | 1.840    | 0.2400 | 2.055         | 0.2604    | 0.0869 | 35      | -0.83            | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0619     | 1.845    | 0.1300 | 2.055         | 0.2604    | 0.0869 | 35      | -0.81            | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0171     | 1.895    | 0.0100 | 2.055         | 0.2604    | 0.0869 | 35      | -0.62            | 003.12      | 0    |
| 003          | Fat, Crude (%)        | 0098     | 1.910    | 0.1400 | 2.055         | 0.2604    | 0.0869 | 35      | -0.56            | 003.09      | 0    |
| 003          | Fat, Crude (%)        | 2115     | 1.935    | 0.0700 | 2.055         | 0.2604    | 0.0869 | 35      | -0.46            | 003.00      | 0    |
| 003          | Fat, Crude (%)        | 0504     | 1.970    | 0.1200 | 2.055         | 0.2604    | 0.0869 | 35      | -0.33            | 003.01      | 0    |
| 003          | Fat, Crude (%)        | 0876     | 2.000    | 0.0000 | 2.055         | 0.2604    | 0.0869 | 35      | -0.21            | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0098     | 2.010    | 0.1200 | 2.055         | 0.2604    | 0.0869 | 35      | -0.17            | 003.13      | 0    |
| 003          | Fat, Crude (%)        | 0529     | 2.015    | 0.0100 | 2.055         | 0.2604    | 0.0869 | 35      | -0.16            | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0511     | 2.040    | 0.0400 | 2.055         | 0.2604    | 0.0869 | 35      | -0.06            | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0918     | 2.055    | 0.0100 | 2.055         | 0.2604    | 0.0869 | 35      | 0.00             | 003.06      | 0    |
| 003          | Fat, Crude (%)        | 2115     | 2.075    | 0.0300 | 2.055         | 0.2604    | 0.0869 | 35      | 0.08             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0554     | 2.080    | 0.0800 | 2.055         | 0.2604    | 0.0869 | 35      | 0.09             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 2232     | 2.095    | 0.1500 | 2.055         | 0.2604    | 0.0869 | 35      | 0.15             | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 2307     | 2.110    | 0.0200 | 2.055         | 0.2604    | 0.0869 | 35      | 0.21             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0027     | 2.113    | 0.0100 | 2.055         | 0.2604    | 0.0869 | 35      | 0.22             | 003.09      | 0    |
| 003          | Fat, Crude (%)        | 0870     | 2.143    | 0.3035 | 2.055         | 0.2604    | 0.0869 | 35      | 0.34             | 003.09      | 0    |
| 003          | Fat, Crude (%)        | 2089     | 2.210    | 0.0400 | 2.055         | 0.2604    | 0.0869 | 35      | 0.59             | 003.13      | 0    |
| 003          | Fat, Crude (%)        | 0171     | 2.240    | 0.0400 | 2.055         | 0.2604    | 0.0869 | 35      | 0.71             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0619     | 2.255    | 0.0900 | 2.055         | 0.2604    | 0.0869 | 35      | 0.77             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0407     | 2.259    | 0.1382 | 2.055         | 0.2604    | 0.0869 | 35      | 0.78             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0870     | 2.263    | 0.0518 | 2.055         | 0.2604    | 0.0869 | 35      | 0.80             | 003.13      | 0    |
| 003          | Fat, Crude (%)        | 0510     | 2.300    | 0.0000 | 2.055         | 0.2604    | 0.0869 | 35      | 0.94             | 003.09      | 0    |
| 003          | Fat, Crude (%)        | 0003     | 2.320    | 0.0800 | 2.055         | 0.2604    | 0.0869 | 35      | 1.02             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0164     | 2.420    | 0.1000 | 2.055         | 0.2604    | 0.0869 | 35      | 1.40             | 003.00      | 0    |

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|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 003          | Fat, Crude (%)        | 2207     | 2.455    | 0.1900 | 2.055         | 0.2604    | 0.0869 | 35      | 1.53             | 003.14      | 0    |
| 003          | Fat, Crude (%)        | 0676     | 2.540    | 0.1600 | 2.055         | 0.2604    | 0.0869 | 35      | 1.86             | 003.10      | 0    |
| 003          | Fat, Crude (%)        | 0309     | 2.753    | 0.0093 | 2.055         | 0.2604    | 0.0869 | 35      | 2.68             | 003.00      | 0    |
| 004          | Fiber, Crude (%)      | 0160     | 17.60    | 1.000  | 20.54         | 1.429     | 0.5371 | 27      | -2.06            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2089     | 17.63    | 0.0300 | 20.54         | 1.429     | 0.5371 | 27      | -2.04            | 004.03      | 0    |
| 004          | Fiber, Crude (%)      | 0619     | 18.80    | 0.6000 | 20.54         | 1.429     | 0.5371 | 27      | -1.22            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2115     | 19.17    | 0.1900 | 20.54         | 1.429     | 0.5371 | 27      | -0.96            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2136     | 19.40    | 1.600  | 20.54         | 1.429     | 0.5371 | 27      | -0.80            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2115     | 19.56    | 0.7000 | 20.54         | 1.429     | 0.5371 | 27      | -0.69            | 004.06      | 0    |
| 004          | Fiber, Crude (%)      | 0027     | 19.58    | 0.1860 | 20.54         | 1.429     | 0.5371 | 27      | -0.67            | 004.06      | 0    |
| 004          | Fiber, Crude (%)      | 0918     | 19.75    | 0.2100 | 20.54         | 1.429     | 0.5371 | 27      | -0.56            | 004.06      | 0    |
| 004          | Fiber, Crude (%)      | 0510     | 19.80    | 0.4000 | 20.54         | 1.429     | 0.5371 | 27      | -0.52            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0309     | 19.93    | 0.7300 | 20.54         | 1.429     | 0.5371 | 27      | -0.43            | 004.00      | 0    |
| 004          | Fiber, Crude (%)      | 0845     | 19.97    | 1.300  | 20.54         | 1.429     | 0.5371 | 27      | -0.40            | 004.06      | 0    |
| 004          | Fiber, Crude (%)      | 0876     | 20.30    | 0.6000 | 20.54         | 1.429     | 0.5371 | 27      | -0.17            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2033     | 20.30    | 0.0000 | 20.54         | 1.429     | 0.5371 | 27      | -0.17            | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0171     | 20.33    | 0.8300 | 20.54         | 1.429     | 0.5371 | 27      | -0.15            | 004.00      | 0    |
| 004          | Fiber, Crude (%)      | 0164     | 20.35    | 0.1000 | 20.54         | 1.429     | 0.5371 | 27      | -0.13            | 004.00      | 0    |
| 004          | Fiber, Crude (%)      | 0676     | 20.68    | 0.0200 | 20.54         | 1.429     | 0.5371 | 27      | 0.10             | 004.06      | 0    |
| 004          | Fiber, Crude (%)      | 2307     | 20.79    | 0.0200 | 20.54         | 1.429     | 0.5371 | 27      | 0.18             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0202     | 20.81    | 0.4600 | 20.54         | 1.429     | 0.5371 | 27      | 0.19             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0208     | 21.55    | 0.1000 | 20.54         | 1.429     | 0.5371 | 27      | 0.71             | 004.00      | 0    |
| 004          | Fiber, Crude (%)      | 0870     | 21.60    | 0.1339 | 20.54         | 1.429     | 0.5371 | 27      | 0.74             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0407     | 21.62    | 0.8020 | 20.54         | 1.429     | 0.5371 | 27      | 0.76             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0074     | 21.77    | 0.0800 | 20.54         | 1.429     | 0.5371 | 27      | 0.86             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0504     | 21.80    | 1.250  | 20.54         | 1.429     | 0.5371 | 27      | 0.88             | 004.00      | 0    |
| 004          | Fiber, Crude (%)      | 0529     | 22.07    | 0.0900 | 20.54         | 1.429     | 0.5371 | 27      | 1.07             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0511     | 22.50    | 1.200  | 20.54         | 1.429     | 0.5371 | 27      | 1.37             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2124     | 22.73    | 0.9800 | 20.54         | 1.429     | 0.5371 | 27      | 1.53             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 2207     | 24.64    | 0.8900 | 20.54         | 1.429     | 0.5371 | 27      | 2.87             | 004.07      | 0    |
| 004          | Fiber, Crude (%)      | 0034     | 24.03    | 2.970  | 20.54         | 1.429     | 0.5371 | 27      | 2.44             | 004.07      | 1    |
| 005          | Ash (%)               | 0554     | 6.295    | 0.1100 | 7.295         | 0.0866    | 0.0712 | 42      | -11.54           | 005.00      | 0    |
| 005          | Ash (%)               | 2232     | 6.995    | 0.3900 | 7.295         | 0.0866    | 0.0712 | 42      | -3.46            | 005.00      | 0    |
| 005          | Ash (%)               | 2136     | 7.135    | 0.1700 | 7.295         | 0.0866    | 0.0712 | 42      | -1.84            | 005.05      | 0    |
| 005          | Ash (%)               | 0511     | 7.175    | 0.2100 | 7.295         | 0.0866    | 0.0712 | 42      | -1.38            | 005.00      | 0    |
| 005          | Ash (%)               | 0208     | 7.185    | 0.2100 | 7.295         | 0.0866    | 0.0712 | 42      | -1.27            | 005.00      | 0    |
| 005          | Ash (%)               | 0417     | 7.195    | 0.1100 | 7.295         | 0.0866    | 0.0712 | 42      | -1.15            | 005.00      | 0    |
| 005          | Ash (%)               | 0510     | 7.215    | 0.0100 | 7.295         | 0.0866    | 0.0712 | 42      | -0.92            | 005.00      | 0    |
| 005          | Ash (%)               | 0309     | 7.225    | 0.0900 | 7.295         | 0.0866    | 0.0712 | 42      | -0.80            | 005.00      | 0    |
| 005          | Ash (%)               | 2162     | 7.225    | 0.0700 | 7.295         | 0.0866    | 0.0712 | 42      | -0.80            | 005.00      | 0    |
| 005          | Ash (%)               | 2187     | 7.225    | 0.0300 | 7.295         | 0.0866    | 0.0712 | 42      | -0.80            | 005.03      | 0    |
| 005          | Ash (%)               | 0918     | 7.240    | 0.1200 | 7.295         | 0.0866    | 0.0712 | 42      | -0.63            | 005.00      | 0    |

| Method Group | Analyte Group (Units)     | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|---------------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                           |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 005          | Ash (%)                   | 0202     | 7.245    | 0.0500 | 7.295         | 0.0866    | 0.0712 | 42      | -0.57            | 005.99      | 0    |
| 005          | Ash (%)                   | 0676     | 7.245    | 0.0500 | 7.295         | 0.0866    | 0.0712 | 42      | -0.57            | 005.99      | 0    |
| 005          | Ash (%)                   | 2242     | 7.250    | 0.1000 | 7.295         | 0.0866    | 0.0712 | 42      | -0.52            | 005.00      | 0    |
| 005          | Ash (%)                   | 0845     | 7.260    | 0.1200 | 7.295         | 0.0866    | 0.0712 | 42      | -0.40            | 005.00      | 0    |
| 005          | Ash (%)                   | 2156     | 7.275    | 0.0100 | 7.295         | 0.0866    | 0.0712 | 42      | -0.23            | 005.00      | 0    |
| 005          | Ash (%)                   | 2307     | 7.275    | 0.0100 | 7.295         | 0.0866    | 0.0712 | 42      | -0.23            | 005.00      | 0    |
| 005          | Ash (%)                   | 0870     | 7.281    | 0.0587 | 7.295         | 0.0866    | 0.0712 | 42      | -0.16            | 005.00      | 0    |
| 005          | Ash (%)                   | 0164     | 7.295    | 0.0100 | 7.295         | 0.0866    | 0.0712 | 42      | 0.00             | 005.00      | 0    |
| 005          | Ash (%)                   | 0047     | 7.300    | 0.0000 | 7.295         | 0.0866    | 0.0712 | 42      | 0.06             | 005.00      | 0    |
| 005          | Ash (%)                   | 2033     | 7.300    | 0.0000 | 7.295         | 0.0866    | 0.0712 | 42      | 0.06             | 005.00      | 0    |
| 005          | Ash (%)                   | 2115     | 7.305    | 0.0100 | 7.295         | 0.0866    | 0.0712 | 42      | 0.12             | 005.00      | 0    |
| 005          | Ash (%)                   | 0098     | 7.310    | 0.0200 | 7.295         | 0.0866    | 0.0712 | 42      | 0.18             | 005.00      | 0    |
| 005          | Ash (%)                   | 0407     | 7.310    | 0.0427 | 7.295         | 0.0866    | 0.0712 | 42      | 0.18             | 005.00      | 0    |
| 005          | Ash (%)                   | 0027     | 7.314    | 0.0040 | 7.295         | 0.0866    | 0.0712 | 42      | 0.22             | 005.00      | 0    |
| 005          | Ash (%)                   | 2293     | 7.315    | 0.0900 | 7.295         | 0.0866    | 0.0712 | 42      | 0.23             | 005.00      | 0    |
| 005          | Ash (%)                   | 0001     | 7.325    | 0.0712 | 7.295         | 0.0866    | 0.0712 | 42      | 0.34             | 005.00      | 0    |
| 005          | Ash (%)                   | 2220     | 7.325    | 0.0500 | 7.295         | 0.0866    | 0.0712 | 42      | 0.35             | 005.00      | 0    |
| 005          | Ash (%)                   | 0003     | 7.325    | 0.0300 | 7.295         | 0.0866    | 0.0712 | 42      | 0.35             | 005.05      | 0    |
| 005          | Ash (%)                   | 0242     | 7.330    | 0.0400 | 7.295         | 0.0866    | 0.0712 | 42      | 0.41             | 005.00      | 0    |
| 005          | Ash (%)                   | 2252     | 7.330    | 0.0400 | 7.295         | 0.0866    | 0.0712 | 42      | 0.41             | 005.00      | 0    |
| 005          | Ash (%)                   | 2219     | 7.340    | 0.0200 | 7.295         | 0.0866    | 0.0712 | 42      | 0.52             | 005.00      | 0    |
| 005          | Ash (%)                   | 0619     | 7.340    | 0.0200 | 7.295         | 0.0866    | 0.0712 | 42      | 0.52             | 005.05      | 0    |
| 005          | Ash (%)                   | 0876     | 7.350    | 0.1000 | 7.295         | 0.0866    | 0.0712 | 42      | 0.64             | 005.00      | 0    |
| 005          | Ash (%)                   | 2089     | 7.360    | 0.0200 | 7.295         | 0.0866    | 0.0712 | 42      | 0.75             | 005.00      | 0    |
| 005          | Ash (%)                   | 0065     | 7.370    | 0.0200 | 7.295         | 0.0866    | 0.0712 | 42      | 0.87             | 005.05      | 0    |
| 005          | Ash (%)                   | 2124     | 7.400    | 0.1400 | 7.295         | 0.0866    | 0.0712 | 42      | 1.22             | 005.00      | 0    |
| 005          | Ash (%)                   | 0034     | 7.430    | 0.0550 | 7.295         | 0.0866    | 0.0712 | 42      | 1.56             | 005.05      | 0    |
| 005          | Ash (%)                   | 0171     | 7.430    | 0.0000 | 7.295         | 0.0866    | 0.0712 | 42      | 1.56             | 005.00      | 0    |
| 005          | Ash (%)                   | 0504     | 7.440    | 0.0600 | 7.295         | 0.0866    | 0.0712 | 42      | 1.68             | 005.00      | 0    |
| 005          | Ash (%)                   | 0042     | 7.455    | 0.0900 | 7.295         | 0.0866    | 0.0712 | 42      | 1.85             | 005.00      | 0    |
| 005          | Ash (%)                   | 2207     | 7.820    | 0.1400 | 7.295         | 0.0866    | 0.0712 | 42      | 6.07             | 005.00      | 0    |
| 005          | Ash (%)                   | 0529     | 8.050    | 1.300  | 7.295         | 0.0866    | 0.0712 | 42      | 8.72             | 005.00      | 1    |
| 005          | Ash (%)                   | 2016     | 3.355    | 0.6300 | 7.295         | 0.0866    | 0.0712 | 42      | -45.49           | 005.00      | 2    |
| 006          | Total Sugars (%)          | 0407     | 7.534    | 0.1150 |               |           |        | 1       |                  | 006.00      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0042     | 23.66    | 2.000  | 27.20         | 2.398     | 0.8460 | 12      | -1.48            | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0918     | 24.08    | 1.189  | 27.20         | 2.398     | 0.8460 | 12      | -1.30            | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0619     | 24.80    | 0.4000 | 27.20         | 2.398     | 0.8460 | 12      | -1.00            | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0676     | 26.40    | 1.400  | 27.20         | 2.398     | 0.8460 | 12      | -0.33            | 008.02      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0160     | 27.00    | 0.4000 | 27.20         | 2.398     | 0.8460 | 12      | -0.08            | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0504     | 27.52    | 0.7500 | 27.20         | 2.398     | 0.8460 | 12      | 0.13             | 008.02      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0407     | 27.78    | 1.069  | 27.20         | 2.398     | 0.8460 | 12      | 0.24             | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%) | 0511     | 28.15    | 1.500  | 27.20         | 2.398     | 0.8460 | 12      | 0.40             | 008.99      | 0    |

| Method Group | Analyte Group (Units)        | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|------------------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                              |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 008          | Fiber, Acid Detergent (%)    | 0027     | 28.57    | 0.5570 | 27.20         | 2.398     | 0.8460 | 12      | 0.57             | 008.99      | 0    |
| 008          | Fiber, Acid Detergent (%)    | 0870     | 28.64    | 0.3137 | 27.20         | 2.398     | 0.8460 | 12      | 0.60             | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%)    | 0164     | 29.25    | 0.1000 | 27.20         | 2.398     | 0.8460 | 12      | 0.86             | 008.08      | 0    |
| 008          | Fiber, Acid Detergent (%)    | 0309     | 30.51    | 0.4727 | 27.20         | 2.398     | 0.8460 | 12      | 1.38             | 008.02      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0160     | 29.35    | 0.5000 | 32.21         | 1.988     | 0.5857 | 9       | -1.44            | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0619     | 29.75    | 0.5000 | 32.21         | 1.988     | 0.5857 | 9       | -1.24            | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0309     | 31.40    | 0.1912 | 32.21         | 1.988     | 0.5857 | 9       | -0.41            | 009.07      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0870     | 32.21    | 0.5561 | 32.21         | 1.988     | 0.5857 | 9       | 0.00             | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0164     | 32.25    | 0.1000 | 32.21         | 1.988     | 0.5857 | 9       | 0.02             | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0407     | 33.36    | 1.867  | 32.21         | 1.988     | 0.5857 | 9       | 0.58             | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0504     | 33.68    | 0.2800 | 32.21         | 1.988     | 0.5857 | 9       | 0.74             | 009.04      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0918     | 33.72    | 0.6671 | 32.21         | 1.988     | 0.5857 | 9       | 0.76             | 009.09      | 0    |
| 009          | Fiber, Neutral Detergent (%) | 0676     | 34.20    | 0.6100 | 32.21         | 1.988     | 0.5857 | 9       | 1.00             | 009.07      | 0    |
| 010          | Moisture (%)                 | 2089     | 6.955    | 0.0900 |               |           |        | 1       |                  | 010.99      | 0    |
| 011          | Loss on Drying (%)           | 2033     | 8.190    | 0.0000 | 8.827         | 0.4428    | 0.1618 | 22      | -1.44            | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0554     | 8.190    | 0.1600 | 8.827         | 0.4428    | 0.1618 | 22      | -1.44            | 011.02      | 0    |
| 011          | Loss on Drying (%)           | 2083     | 8.215    | 0.0300 | 8.827         | 0.4428    | 0.1618 | 22      | -1.38            | 011.02      | 0    |
| 011          | Loss on Drying (%)           | 0417     | 8.270    | 0.3800 | 8.827         | 0.4428    | 0.1618 | 22      | -1.26            | 011.02      | 0    |
| 011          | Loss on Drying (%)           | 2307     | 8.310    | 0.0200 | 8.827         | 0.4428    | 0.1618 | 22      | -1.17            | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0098     | 8.465    | 0.5100 | 8.827         | 0.4428    | 0.1618 | 22      | -0.82            | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 2162     | 8.690    | 0.3600 | 8.827         | 0.4428    | 0.1618 | 22      | -0.31            | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 2232     | 8.785    | 0.0900 | 8.827         | 0.4428    | 0.1618 | 22      | -0.10            | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0529     | 8.805    | 0.0100 | 8.827         | 0.4428    | 0.1618 | 22      | -0.05            | 011.02      | 0    |
| 011          | Loss on Drying (%)           | 0870     | 8.833    | 0.1502 | 8.827         | 0.4428    | 0.1618 | 22      | 0.01             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0047     | 8.850    | 0.5000 | 8.827         | 0.4428    | 0.1618 | 22      | 0.05             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0511     | 9.010    | 0.0200 | 8.827         | 0.4428    | 0.1618 | 22      | 0.41             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0553     | 9.015    | 0.0300 | 8.827         | 0.4428    | 0.1618 | 22      | 0.42             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0171     | 9.085    | 0.0100 | 8.827         | 0.4428    | 0.1618 | 22      | 0.58             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 2207     | 9.085    | 0.1900 | 8.827         | 0.4428    | 0.1618 | 22      | 0.58             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0242     | 9.095    | 0.0300 | 8.827         | 0.4428    | 0.1618 | 22      | 0.60             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0407     | 9.112    | 0.1394 | 8.827         | 0.4428    | 0.1618 | 22      | 0.64             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0510     | 9.150    | 0.1000 | 8.827         | 0.4428    | 0.1618 | 22      | 0.73             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0309     | 9.155    | 0.1500 | 8.827         | 0.4428    | 0.1618 | 22      | 0.74             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0164     | 9.190    | 0.3000 | 8.827         | 0.4428    | 0.1618 | 22      | 0.82             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 0202     | 9.210    | 0.2400 | 8.827         | 0.4428    | 0.1618 | 22      | 0.86             | 011.01      | 0    |
| 011          | Loss on Drying (%)           | 2303     | 9.490    | 0.1400 | 8.827         | 0.4428    | 0.1618 | 22      | 1.50             | 011.99      | 0    |
| 011          | Loss on Drying (%)           | 2016     | 8.980    | 1.820  | 8.827         | 0.4428    | 0.1618 | 22      | 0.34             | 011.01      | 1    |
| 012          | Starch (%)                   | 0510     | 0.1000   | 0.0000 | 1.715         | 1.505     | 0.1693 | 11      | -1.07            | 012.04      | 0    |
| 012          | Starch (%)                   | 0676     | 0.4650   | 0.0300 | 1.715         | 1.505     | 0.1693 | 11      | -0.83            | 012.01      | 0    |
| 012          | Starch (%)                   | 2124     | 0.7000   | 0.0000 | 1.715         | 1.505     | 0.1693 | 11      | -0.67            | 012.03      | 0    |
| 012          | Starch (%)                   | 0407     | 0.7162   | 0.4113 | 1.715         | 1.505     | 0.1693 | 11      | -0.66            | 012.03      | 0    |
| 012          | Starch (%)                   | 0164     | 0.8000   | 0.2000 | 1.715         | 1.505     | 0.1693 | 11      | -0.61            | 012.01      | 0    |

| Method Group | Analyte Group (Units)  | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|------------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                        |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 012          | Starch (%)             | 2207     | 1.090    | 0.4000 | 1.715         | 1.505     | 0.1693 | 11      | -0.42            | 012.04      | 0    |
| 012          | Starch (%)             | 0870     | 2.253    | 0.0000 | 1.715         | 1.505     | 0.1693 | 11      | 0.36             | 012.01      | 0    |
| 012          | Starch (%)             | 2242     | 2.645    | 0.3100 | 1.715         | 1.505     | 0.1693 | 11      | 0.62             | 012.01      | 0    |
| 012          | Starch (%)             | 0918     | 2.676    | 0.0110 | 1.715         | 1.505     | 0.1693 | 11      | 0.64             | 012.01      | 0    |
| 012          | Starch (%)             | 0164     | 3.450    | 0.1000 | 1.715         | 1.505     | 0.1693 | 11      | 1.15             | 012.00      | 0    |
| 012          | Starch (%)             | 0619     | 11.80    | 0.4000 | 1.715         | 1.505     | 0.1693 | 11      | 6.70             | 012.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2162     | 0.5200   | 0.0800 | 2.797         | 0.7761    | 0.1887 | 25      | -2.93            | 013.10      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2187     | 1.075    | 0.2700 | 2.797         | 0.7761    | 0.1887 | 25      | -2.22            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2124     | 1.945    | 0.1100 | 2.797         | 0.7761    | 0.1887 | 25      | -1.10            | 013.10      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0242     | 2.130    | 0.2000 | 2.797         | 0.7761    | 0.1887 | 25      | -0.86            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0845     | 2.195    | 0.1700 | 2.797         | 0.7761    | 0.1887 | 25      | -0.78            | 013.10      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0065     | 2.280    | 0.1400 | 2.797         | 0.7761    | 0.1887 | 25      | -0.67            | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2220     | 2.490    | 0.1600 | 2.797         | 0.7761    | 0.1887 | 25      | -0.40            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2219     | 2.495    | 0.4500 | 2.797         | 0.7761    | 0.1887 | 25      | -0.39            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0098     | 2.495    | 0.1900 | 2.797         | 0.7761    | 0.1887 | 25      | -0.39            | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0650     | 2.505    | 0.0100 | 2.797         | 0.7761    | 0.1887 | 25      | -0.38            | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0870     | 2.509    | 0.0287 | 2.797         | 0.7761    | 0.1887 | 25      | -0.37            | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0309     | 2.522    | 0.0313 | 2.797         | 0.7761    | 0.1887 | 25      | -0.35            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2293     | 2.545    | 0.4500 | 2.797         | 0.7761    | 0.1887 | 25      | -0.32            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2156     | 2.580    | 0.1000 | 2.797         | 0.7761    | 0.1887 | 25      | -0.28            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2252     | 2.595    | 0.0100 | 2.797         | 0.7761    | 0.1887 | 25      | -0.26            | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0164     | 3.225    | 0.1300 | 2.797         | 0.7761    | 0.1887 | 25      | 0.55             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2033     | 3.245    | 0.0300 | 2.797         | 0.7761    | 0.1887 | 25      | 0.58             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0676     | 3.410    | 0.1600 | 2.797         | 0.7761    | 0.1887 | 25      | 0.79             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0553     | 3.455    | 0.1500 | 2.797         | 0.7761    | 0.1887 | 25      | 0.85             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0171     | 3.485    | 0.4100 | 2.797         | 0.7761    | 0.1887 | 25      | 0.89             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0202     | 3.500    | 0.0400 | 2.797         | 0.7761    | 0.1887 | 25      | 0.91             | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0001     | 3.533    | 0.0714 | 2.797         | 0.7761    | 0.1887 | 25      | 0.95             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0010     | 3.600    | 0.0000 | 2.797         | 0.7761    | 0.1887 | 25      | 1.03             | 013.02      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0407     | 4.254    | 1.225  | 2.797         | 0.7761    | 0.1887 | 25      | 1.88             | 013.13      | 0    |
| 013          | Fat, Acid Pretreat (%) | 2016     | 7.290    | 0.1000 | 2.797         | 0.7761    | 0.1887 | 25      | 5.79             | 013.00      | 0    |
| 013          | Fat, Acid Pretreat (%) | 0407     | 3.385    | 1.629  | 2.797         | 0.7761    | 0.1887 | 25      | 0.76             | 013.02      | 1    |
| 013          | Fat, Acid Pretreat (%) | 0042     | 19.24    | 0.4300 | 2.797         | 0.7761    | 0.1887 | 25      | 21.18            | 013.13      | 2    |
| 015          | Aluminum (ppm)         | 2033     | 83.04    | 0.7100 | 101.3         | 18.57     | 3.141  | 6       | -0.98            | 015.43      | 0    |
| 015          | Aluminum (ppm)         | 0918     | 86.99    | 8.878  | 101.3         | 18.57     | 3.141  | 6       | -0.77            | 015.43      | 0    |
| 015          | Aluminum (ppm)         | 0407     | 94.29    | 1.806  | 101.3         | 18.57     | 3.141  | 6       | -0.38            | 015.41      | 0    |
| 015          | Aluminum (ppm)         | 0510     | 102.0    | 0.0000 | 101.3         | 18.57     | 3.141  | 6       | 0.04             | 015.43      | 0    |
| 015          | Aluminum (ppm)         | 0553     | 120.0    | 0.0000 | 101.3         | 18.57     | 3.141  | 6       | 1.01             | 015.53      | 0    |
| 015          | Aluminum (ppm)         | 0171     | 121.4    | 7.450  | 101.3         | 18.57     | 3.141  | 6       | 1.08             | 015.41      | 0    |
| 017          | Boron (ppm)            | 2033     | 39.84    | 0.0710 | 42.07         | 1.692     | 0.1578 | 4       |                  | 017.43      | 0    |
| 017          | Boron (ppm)            | 0918     | 41.74    | 0.1600 | 42.07         | 1.692     | 0.1578 | 4       |                  | 017.43      | 0    |
| 017          | Boron (ppm)            | 0510     | 43.00    | 0.0000 | 42.07         | 1.692     | 0.1578 | 4       |                  | 017.43      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 017          | Boron (ppm)           | 0553     | 43.70    | 0.4000 | 42.07         | 1.692     | 0.1578 | 4       |                  | 017.53      | 0    |
| 017          | Boron (ppm)           | 0407     | 43.66    | 2.070  | 42.07         | 1.692     | 0.1578 | 4       |                  | 017.41      | 1    |
| 019          | Calcium (%)           | 0918     | 0.9060   | 0.0060 | 1.043         | 0.0679    | 0.0277 | 36      | -2.02            | 019.43      | 0    |
| 019          | Calcium (%)           | 2033     | 0.9500   | 0.0000 | 1.043         | 0.0679    | 0.0277 | 36      | -1.37            | 019.43      | 0    |
| 019          | Calcium (%)           | 2252     | 0.9650   | 0.0700 | 1.043         | 0.0679    | 0.0277 | 36      | -1.15            | 019.44      | 0    |
| 019          | Calcium (%)           | 0042     | 0.9655   | 0.1290 | 1.043         | 0.0679    | 0.0277 | 36      | -1.14            | 019.43      | 0    |
| 019          | Calcium (%)           | 0003     | 0.9750   | 0.0700 | 1.043         | 0.0679    | 0.0277 | 36      | -1.00            | 019.41      | 0    |
| 019          | Calcium (%)           | 0171     | 0.9850   | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.85            | 019.41      | 0    |
| 019          | Calcium (%)           | 0510     | 0.9850   | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.85            | 019.43      | 0    |
| 019          | Calcium (%)           | 2220     | 0.9850   | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.85            | 019.44      | 0    |
| 019          | Calcium (%)           | 0242     | 0.9900   | 0.0200 | 1.043         | 0.0679    | 0.0277 | 36      | -0.78            | 019.99      | 0    |
| 019          | Calcium (%)           | 2187     | 0.9928   | 0.0040 | 1.043         | 0.0679    | 0.0277 | 36      | -0.74            | 019.43      | 0    |
| 019          | Calcium (%)           | 2219     | 0.9950   | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.71            | 019.44      | 0    |
| 019          | Calcium (%)           | 0208     | 0.9980   | 0.0180 | 1.043         | 0.0679    | 0.0277 | 36      | -0.66            | 019.41      | 0    |
| 019          | Calcium (%)           | 2156     | 1.000    | 0.0000 | 1.043         | 0.0679    | 0.0277 | 36      | -0.63            | 019.44      | 0    |
| 019          | Calcium (%)           | 2089     | 1.005    | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.56            | 019.43      | 0    |
| 019          | Calcium (%)           | 0051     | 1.016    | 0.0174 | 1.043         | 0.0679    | 0.0277 | 36      | -0.40            | 019.41      | 0    |
| 019          | Calcium (%)           | 0676     | 1.020    | 0.0200 | 1.043         | 0.0679    | 0.0277 | 36      | -0.34            | 019.99      | 0    |
| 019          | Calcium (%)           | 2293     | 1.025    | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | -0.26            | 019.44      | 0    |
| 019          | Calcium (%)           | 0529     | 1.030    | 0.0600 | 1.043         | 0.0679    | 0.0277 | 36      | -0.19            | 019.31      | 0    |
| 019          | Calcium (%)           | 0407     | 1.047    | 0.0144 | 1.043         | 0.0679    | 0.0277 | 36      | 0.06             | 019.41      | 0    |
| 019          | Calcium (%)           | 0074     | 1.060    | 0.0200 | 1.043         | 0.0679    | 0.0277 | 36      | 0.25             | 019.41      | 0    |
| 019          | Calcium (%)           | 2114     | 1.066    | 0.0005 | 1.043         | 0.0679    | 0.0277 | 36      | 0.34             | 019.44      | 0    |
| 019          | Calcium (%)           | 0164     | 1.070    | 0.0000 | 1.043         | 0.0679    | 0.0277 | 36      | 0.40             | 019.41      | 0    |
| 019          | Calcium (%)           | 0010     | 1.075    | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | 0.47             | 019.43      | 0    |
| 019          | Calcium (%)           | 0553     | 1.075    | 0.0300 | 1.043         | 0.0679    | 0.0277 | 36      | 0.47             | 019.53      | 0    |
| 019          | Calcium (%)           | 2232     | 1.076    | 0.0720 | 1.043         | 0.0679    | 0.0277 | 36      | 0.49             | 019.44      | 0    |
| 019          | Calcium (%)           | 2207     | 1.080    | 0.0000 | 1.043         | 0.0679    | 0.0277 | 36      | 0.55             | 019.42      | 0    |
| 019          | Calcium (%)           | 0870     | 1.089    | 0.0390 | 1.043         | 0.0679    | 0.0277 | 36      | 0.67             | 019.42      | 0    |
| 019          | Calcium (%)           | 0098     | 1.090    | 0.0200 | 1.043         | 0.0679    | 0.0277 | 36      | 0.69             | 019.41      | 0    |
| 019          | Calcium (%)           | 0098     | 1.105    | 0.0300 | 1.043         | 0.0679    | 0.0277 | 36      | 0.92             | 019.43      | 0    |
| 019          | Calcium (%)           | 2124     | 1.105    | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | 0.92             | 019.43      | 0    |
| 019          | Calcium (%)           | 0619     | 1.110    | 0.0200 | 1.043         | 0.0679    | 0.0277 | 36      | 0.99             | 019.99      | 0    |
| 019          | Calcium (%)           | 0202     | 1.123    | 0.0410 | 1.043         | 0.0679    | 0.0277 | 36      | 1.17             | 019.43      | 0    |
| 019          | Calcium (%)           | 0027     | 1.127    | 0.0060 | 1.043         | 0.0679    | 0.0277 | 36      | 1.24             | 019.43      | 0    |
| 019          | Calcium (%)           | 0001     | 1.134    | 0.0610 | 1.043         | 0.0679    | 0.0277 | 36      | 1.34             | 019.31      | 0    |
| 019          | Calcium (%)           | 2115     | 1.205    | 0.0100 | 1.043         | 0.0679    | 0.0277 | 36      | 2.39             | 019.31      | 0    |
| 019          | Calcium (%)           | 0047     | 1.240    | 0.1400 | 1.043         | 0.0679    | 0.0277 | 36      | 2.91             | 019.52      | 0    |
| 019          | Calcium (%)           | 0065     | 0.7500   | 0.4800 | 1.043         | 0.0679    | 0.0277 | 36      | -4.32            | 019.44      | 1    |
| 021          | Cobalt (ppm)          | 0918     | 1.941    | 0.2217 | 6.149         | 2.129     | 0.2601 | 7       | -1.98            | 021.53      | 0    |
| 021          | Cobalt (ppm)          | 2033     | 5.099    | 0.1742 | 6.149         | 2.129     | 0.2601 | 7       | -0.49            | 021.43      | 0    |
| 021          | Cobalt (ppm)          | 0510     | 6.060    | 0.1200 | 6.149         | 2.129     | 0.2601 | 7       | -0.04            | 021.43      | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 021          | Cobalt (ppm)          | 0553     | 6.180    | 0.1000 | 6.149         | 2.129     | 0.2601 | 7       | 0.01             | 021.53      | 0    |
| 021          | Cobalt (ppm)          | 0407     | 6.456    | 0.7345 | 6.149         | 2.129     | 0.2601 | 7       | 0.14             | 021.41      | 0    |
| 021          | Cobalt (ppm)          | 0164     | 6.950    | 0.1000 | 6.149         | 2.129     | 0.2601 | 7       | 0.38             | 021.31      | 0    |
| 021          | Cobalt (ppm)          | 0171     | 12.06    | 0.3700 | 6.149         | 2.129     | 0.2601 | 7       | 2.78             | 021.41      | 0    |
| 022          | Copper (ppm)          | 2089     | 6.695    | 1.930  | 11.39         | 0.8921    | 0.6372 | 22      | -5.26            | 022.43      | 0    |
| 022          | Copper (ppm)          | 2033     | 10.36    | 0.0157 | 11.39         | 0.8921    | 0.6372 | 22      | -1.16            | 022.43      | 0    |
| 022          | Copper (ppm)          | 0918     | 10.45    | 0.1400 | 11.39         | 0.8921    | 0.6372 | 22      | -1.05            | 022.43      | 0    |
| 022          | Copper (ppm)          | 0407     | 10.67    | 0.6062 | 11.39         | 0.8921    | 0.6372 | 22      | -0.81            | 022.41      | 0    |
| 022          | Copper (ppm)          | 2114     | 10.78    | 0.0265 | 11.39         | 0.8921    | 0.6372 | 22      | -0.68            | 022.44      | 0    |
| 022          | Copper (ppm)          | 0098     | 10.84    | 0.3800 | 11.39         | 0.8921    | 0.6372 | 22      | -0.62            | 022.43      | 0    |
| 022          | Copper (ppm)          | 0208     | 10.99    | 0.2100 | 11.39         | 0.8921    | 0.6372 | 22      | -0.46            | 022.41      | 0    |
| 022          | Copper (ppm)          | 2207     | 11.00    | 0.0000 | 11.39         | 0.8921    | 0.6372 | 22      | -0.44            | 022.42      | 0    |
| 022          | Copper (ppm)          | 0510     | 11.00    | 0.0000 | 11.39         | 0.8921    | 0.6372 | 22      | -0.44            | 022.43      | 0    |
| 022          | Copper (ppm)          | 0553     | 11.00    | 0.2000 | 11.39         | 0.8921    | 0.6372 | 22      | -0.44            | 022.53      | 0    |
| 022          | Copper (ppm)          | 0242     | 11.00    | 0.0000 | 11.39         | 0.8921    | 0.6372 | 22      | -0.44            | 022.99      | 0    |
| 022          | Copper (ppm)          | 0202     | 11.47    | 0.6800 | 11.39         | 0.8921    | 0.6372 | 22      | 0.09             | 022.43      | 0    |
| 022          | Copper (ppm)          | 0164     | 11.50    | 1.000  | 11.39         | 0.8921    | 0.6372 | 22      | 0.12             | 022.41      | 0    |
| 022          | Copper (ppm)          | 0171     | 11.51    | 0.2000 | 11.39         | 0.8921    | 0.6372 | 22      | 0.13             | 022.41      | 0    |
| 022          | Copper (ppm)          | 0870     | 11.72    | 0.0900 | 11.39         | 0.8921    | 0.6372 | 22      | 0.36             | 022.42      | 0    |
| 022          | Copper (ppm)          | 0098     | 11.74    | 0.5000 | 11.39         | 0.8921    | 0.6372 | 22      | 0.39             | 022.41      | 0    |
| 022          | Copper (ppm)          | 0529     | 11.90    | 2.200  | 11.39         | 0.8921    | 0.6372 | 22      | 0.57             | 022.31      | 0    |
| 022          | Copper (ppm)          | 2115     | 12.19    | 0.4800 | 11.39         | 0.8921    | 0.6372 | 22      | 0.90             | 022.31      | 0    |
| 022          | Copper (ppm)          | 2124     | 12.26    | 0.2500 | 11.39         | 0.8921    | 0.6372 | 22      | 0.97             | 022.43      | 0    |
| 022          | Copper (ppm)          | 0619     | 13.05    | 0.5000 | 11.39         | 0.8921    | 0.6372 | 22      | 1.86             | 022.99      | 0    |
| 022          | Copper (ppm)          | 0051     | 13.06    | 2.610  | 11.39         | 0.8921    | 0.6372 | 22      | 1.87             | 022.41      | 0    |
| 022          | Copper (ppm)          | 0003     | 18.00    | 2.000  | 11.39         | 0.8921    | 0.6372 | 22      | 7.41             | 022.41      | 0    |
| 022          | Copper (ppm)          | 0042     | 14.10    | 7.400  | 11.39         | 0.8921    | 0.6372 | 22      | 3.04             | 022.43      | 1    |
| 024          | Iodine (ppm)          | 2033     | 0.1150   | 0.0200 |               |           |        | 1       |                  | 024.53      | 0    |
| 025          | Iron (ppm)            | 2207     | 284.5    | 7.000  | 330.6         | 16.50     | 10.58  | 22      | -2.79            | 025.42      | 0    |
| 025          | Iron (ppm)            | 2033     | 285.0    | 10.00  | 330.6         | 16.50     | 10.58  | 22      | -2.76            | 025.43      | 0    |
| 025          | Iron (ppm)            | 2114     | 294.7    | 6.189  | 330.6         | 16.50     | 10.58  | 22      | -2.18            | 025.99      | 0    |
| 025          | Iron (ppm)            | 0918     | 314.2    | 4.120  | 330.6         | 16.50     | 10.58  | 22      | -0.99            | 025.43      | 0    |
| 025          | Iron (ppm)            | 0051     | 321.3    | 5.390  | 330.6         | 16.50     | 10.58  | 22      | -0.56            | 025.41      | 0    |
| 025          | Iron (ppm)            | 0042     | 321.5    | 41.00  | 330.6         | 16.50     | 10.58  | 22      | -0.55            | 025.43      | 0    |
| 025          | Iron (ppm)            | 0407     | 323.1    | 2.638  | 330.6         | 16.50     | 10.58  | 22      | -0.45            | 025.41      | 0    |
| 025          | Iron (ppm)            | 0553     | 323.5    | 5.000  | 330.6         | 16.50     | 10.58  | 22      | -0.43            | 025.53      | 0    |
| 025          | Iron (ppm)            | 0098     | 327.1    | 5.000  | 330.6         | 16.50     | 10.58  | 22      | -0.21            | 025.41      | 0    |
| 025          | Iron (ppm)            | 0870     | 330.7    | 15.00  | 330.6         | 16.50     | 10.58  | 22      | 0.01             | 025.42      | 0    |
| 025          | Iron (ppm)            | 0164     | 332.5    | 5.000  | 330.6         | 16.50     | 10.58  | 22      | 0.12             | 025.41      | 0    |
| 025          | Iron (ppm)            | 2115     | 332.5    | 5.730  | 330.6         | 16.50     | 10.58  | 22      | 0.12             | 025.31      | 0    |
| 025          | Iron (ppm)            | 0098     | 333.4    | 12.30  | 330.6         | 16.50     | 10.58  | 22      | 0.17             | 025.43      | 0    |
| 025          | Iron (ppm)            | 0510     | 335.0    | 2.000  | 330.6         | 16.50     | 10.58  | 22      | 0.27             | 025.43      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 025          | Iron (ppm)            | 0171     | 337.5    | 3.200  | 330.6         | 16.50     | 10.58  | 22      | 0.42             | 025.41      | 0    |
| 025          | Iron (ppm)            | 0242     | 338.0    | 2.000  | 330.6         | 16.50     | 10.58  | 22      | 0.45             | 025.99      | 0    |
| 025          | Iron (ppm)            | 0208     | 340.4    | 13.80  | 330.6         | 16.50     | 10.58  | 22      | 0.60             | 025.41      | 0    |
| 025          | Iron (ppm)            | 0529     | 342.6    | 14.60  | 330.6         | 16.50     | 10.58  | 22      | 0.73             | 025.31      | 0    |
| 025          | Iron (ppm)            | 0619     | 345.5    | 3.000  | 330.6         | 16.50     | 10.58  | 22      | 0.91             | 025.99      | 0    |
| 025          | Iron (ppm)            | 2124     | 345.6    | 2.160  | 330.6         | 16.50     | 10.58  | 22      | 0.91             | 025.43      | 0    |
| 025          | Iron (ppm)            | 0202     | 375.9    | 36.39  | 330.6         | 16.50     | 10.58  | 22      | 2.75             | 025.43      | 0    |
| 025          | Iron (ppm)            | 2089     | 420.8    | 31.26  | 330.6         | 16.50     | 10.58  | 22      | 5.47             | 025.43      | 0    |
| 025          | Iron (ppm)            | 0003     | 327.5    | 107.0  | 330.6         | 16.50     | 10.58  | 22      | -0.19            | 025.41      | 1    |
| 027          | Magnesium (%)         | 2033     | 0.1400   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | -2.65            | 027.43      | 0    |
| 027          | Magnesium (%)         | 0407     | 0.1405   | 0.0019 | 0.1559        | 0.0060    | 0.0038 | 30      | -2.58            | 027.41      | 0    |
| 027          | Magnesium (%)         | 0529     | 0.1475   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | -1.40            | 027.31      | 0    |
| 027          | Magnesium (%)         | 2220     | 0.1495   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | -1.07            | 027.44      | 0    |
| 027          | Magnesium (%)         | 0003     | 0.1500   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.99            | 027.41      | 0    |
| 027          | Magnesium (%)         | 0510     | 0.1500   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.99            | 027.43      | 0    |
| 027          | Magnesium (%)         | 0051     | 0.1501   | 0.0038 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.97            | 027.41      | 0    |
| 027          | Magnesium (%)         | 0870     | 0.1524   | 0.0044 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.59            | 027.42      | 0    |
| 027          | Magnesium (%)         | 2156     | 0.1525   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.57            | 027.44      | 0    |
| 027          | Magnesium (%)         | 2115     | 0.1532   | 0.0007 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.46            | 027.31      | 0    |
| 027          | Magnesium (%)         | 2219     | 0.1535   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.40            | 027.44      | 0    |
| 027          | Magnesium (%)         | 2252     | 0.1540   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.32            | 027.44      | 0    |
| 027          | Magnesium (%)         | 0202     | 0.1550   | 0.0060 | 0.1559        | 0.0060    | 0.0038 | 30      | -0.15            | 027.43      | 0    |
| 027          | Magnesium (%)         | 0171     | 0.1560   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.01             | 027.41      | 0    |
| 027          | Magnesium (%)         | 0208     | 0.1560   | 0.0040 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.01             | 027.41      | 0    |
| 027          | Magnesium (%)         | 0918     | 0.1560   | 0.0020 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.01             | 027.43      | 0    |
| 027          | Magnesium (%)         | 2232     | 0.1575   | 0.0090 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.26             | 027.41      | 0    |
| 027          | Magnesium (%)         | 2293     | 0.1580   | 0.0040 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.34             | 027.44      | 0    |
| 027          | Magnesium (%)         | 0042     | 0.1585   | 0.0290 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.43             | 027.43      | 0    |
| 027          | Magnesium (%)         | 2187     | 0.1587   | 0.0174 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.46             | 027.43      | 0    |
| 027          | Magnesium (%)         | 2114     | 0.1589   | 0.0014 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.49             | 027.44      | 0    |
| 027          | Magnesium (%)         | 0098     | 0.1600   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.68             | 027.41      | 0    |
| 027          | Magnesium (%)         | 2207     | 0.1600   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.68             | 027.42      | 0    |
| 027          | Magnesium (%)         | 2089     | 0.1600   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.68             | 027.43      | 0    |
| 027          | Magnesium (%)         | 0242     | 0.1600   | 0.0000 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.68             | 027.99      | 0    |
| 027          | Magnesium (%)         | 0164     | 0.1605   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.76             | 027.41      | 0    |
| 027          | Magnesium (%)         | 0553     | 0.1615   | 0.0030 | 0.1559        | 0.0060    | 0.0038 | 30      | 0.93             | 027.53      | 0    |
| 027          | Magnesium (%)         | 0098     | 0.1650   | 0.0100 | 0.1559        | 0.0060    | 0.0038 | 30      | 1.51             | 027.43      | 0    |
| 027          | Magnesium (%)         | 2124     | 0.1650   | 0.0100 | 0.1559        | 0.0060    | 0.0038 | 30      | 1.51             | 027.43      | 0    |
| 027          | Magnesium (%)         | 0619     | 0.1655   | 0.0010 | 0.1559        | 0.0060    | 0.0038 | 30      | 1.59             | 027.99      | 0    |
| 027          | Magnesium (%)         | 0065     | 0.1200   | 0.0800 | 0.1559        | 0.0060    | 0.0038 | 30      | -5.99            | 027.44      | 1    |
| 028          | Manganese (ppm)       | 0510     | 27.00    | 0.0000 | 30.75         | 2.198     | 0.6863 | 22      | -1.71            | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0870     | 27.99    | 0.9700 | 30.75         | 2.198     | 0.6863 | 22      | -1.26            | 028.42      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 028          | Manganese (ppm)       | 2033     | 28.68    | 0.0233 | 30.75         | 2.198     | 0.6863 | 22      | -0.94            | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0171     | 28.82    | 0.1800 | 30.75         | 2.198     | 0.6863 | 22      | -0.88            | 028.41      | 0    |
| 028          | Manganese (ppm)       | 0164     | 29.00    | 0.0000 | 30.75         | 2.198     | 0.6863 | 22      | -0.80            | 028.41      | 0    |
| 028          | Manganese (ppm)       | 0553     | 29.15    | 0.3000 | 30.75         | 2.198     | 0.6863 | 22      | -0.73            | 028.53      | 0    |
| 028          | Manganese (ppm)       | 2207     | 29.50    | 1.000  | 30.75         | 2.198     | 0.6863 | 22      | -0.57            | 028.42      | 0    |
| 028          | Manganese (ppm)       | 0918     | 29.57    | 0.0800 | 30.75         | 2.198     | 0.6863 | 22      | -0.54            | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0407     | 29.81    | 0.5024 | 30.75         | 2.198     | 0.6863 | 22      | -0.43            | 028.41      | 0    |
| 028          | Manganese (ppm)       | 0208     | 29.84    | 0.1000 | 30.75         | 2.198     | 0.6863 | 22      | -0.42            | 028.41      | 0    |
| 028          | Manganese (ppm)       | 0051     | 30.05    | 0.1300 | 30.75         | 2.198     | 0.6863 | 22      | -0.32            | 028.41      | 0    |
| 028          | Manganese (ppm)       | 0242     | 30.50    | 1.000  | 30.75         | 2.198     | 0.6863 | 22      | -0.11            | 028.99      | 0    |
| 028          | Manganese (ppm)       | 0003     | 31.00    | 6.000  | 30.75         | 2.198     | 0.6863 | 22      | 0.11             | 028.41      | 0    |
| 028          | Manganese (ppm)       | 2089     | 31.68    | 0.4900 | 30.75         | 2.198     | 0.6863 | 22      | 0.42             | 028.43      | 0    |
| 028          | Manganese (ppm)       | 2114     | 32.13    | 0.7333 | 30.75         | 2.198     | 0.6863 | 22      | 0.63             | 028.44      | 0    |
| 028          | Manganese (ppm)       | 2115     | 32.67    | 0.8300 | 30.75         | 2.198     | 0.6863 | 22      | 0.87             | 028.31      | 0    |
| 028          | Manganese (ppm)       | 0098     | 32.69    | 0.5300 | 30.75         | 2.198     | 0.6863 | 22      | 0.88             | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0529     | 32.75    | 0.5000 | 30.75         | 2.198     | 0.6863 | 22      | 0.91             | 028.31      | 0    |
| 028          | Manganese (ppm)       | 0098     | 32.84    | 0.7500 | 30.75         | 2.198     | 0.6863 | 22      | 0.95             | 028.41      | 0    |
| 028          | Manganese (ppm)       | 2124     | 33.06    | 0.2100 | 30.75         | 2.198     | 0.6863 | 22      | 1.05             | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0619     | 33.35    | 0.3000 | 30.75         | 2.198     | 0.6863 | 22      | 1.18             | 028.99      | 0    |
| 028          | Manganese (ppm)       | 0202     | 34.15    | 0.4700 | 30.75         | 2.198     | 0.6863 | 22      | 1.54             | 028.43      | 0    |
| 028          | Manganese (ppm)       | 0042     | 31.65    | 9.900  | 30.75         | 2.198     | 0.6863 | 22      | 0.41             | 028.43      | 1    |
| 031          | Phosphorus (%)        | 2187     | 0.1849   | 0.0034 | 0.2004        | 0.0074    | 0.0074 | 37      | -2.10            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 2114     | 0.1889   | 0.0058 | 0.2004        | 0.0074    | 0.0074 | 37      | -1.56            | 031.44      | 0    |
| 031          | Phosphorus (%)        | 2232     | 0.1890   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | -1.54            | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0676     | 0.1900   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -1.41            | 031.99      | 0    |
| 031          | Phosphorus (%)        | 0042     | 0.1930   | 0.0500 | 0.2004        | 0.0074    | 0.0074 | 37      | -1.00            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0208     | 0.1940   | 0.0020 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.87            | 031.01      | 0    |
| 031          | Phosphorus (%)        | 2089     | 0.1950   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.73            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 2156     | 0.1950   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.73            | 031.44      | 0    |
| 031          | Phosphorus (%)        | 2219     | 0.1950   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.73            | 031.44      | 0    |
| 031          | Phosphorus (%)        | 2220     | 0.1950   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.73            | 031.44      | 0    |
| 031          | Phosphorus (%)        | 0001     | 0.1955   | 0.0010 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.66            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0001     | 0.1965   | 0.0010 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.53            | 031.03      | 0    |
| 031          | Phosphorus (%)        | 0202     | 0.1980   | 0.0140 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.32            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0051     | 0.1984   | 0.0085 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.28            | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0027     | 0.1985   | 0.0070 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.26            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0918     | 0.1985   | 0.0030 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.26            | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0407     | 0.1997   | 0.0005 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.10            | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0529     | 0.2000   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.05            | 031.01      | 0    |
| 031          | Phosphorus (%)        | 2115     | 0.2000   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.05            | 031.01      | 0    |
| 031          | Phosphorus (%)        | 0171     | 0.2000   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.05            | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0010     | 0.2000   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.05            | 031.43      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 031          | Phosphorus (%)        | 2293     | 0.2000   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | -0.05            | 031.44      | 0    |
| 031          | Phosphorus (%)        | 0164     | 0.2015   | 0.0030 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.15             | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0870     | 0.2032   | 0.0054 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.38             | 031.42      | 0    |
| 031          | Phosphorus (%)        | 0047     | 0.2050   | 0.0300 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.63             | 031.42      | 0    |
| 031          | Phosphorus (%)        | 2124     | 0.2050   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.63             | 031.43      | 0    |
| 031          | Phosphorus (%)        | 2252     | 0.2050   | 0.0300 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.63             | 031.44      | 0    |
| 031          | Phosphorus (%)        | 0242     | 0.2050   | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.63             | 031.99      | 0    |
| 031          | Phosphorus (%)        | 0553     | 0.2055   | 0.0070 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.69             | 031.53      | 0    |
| 031          | Phosphorus (%)        | 0208     | 0.2065   | 0.0070 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.83             | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0098     | 0.2071   | 0.0022 | 0.2004        | 0.0074    | 0.0074 | 37      | 0.91             | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0098     | 0.2078   | 0.0005 | 0.2004        | 0.0074    | 0.0074 | 37      | 1.00             | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0074     | 0.2100   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | 1.30             | 031.41      | 0    |
| 031          | Phosphorus (%)        | 2207     | 0.2100   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | 1.30             | 031.42      | 0    |
| 031          | Phosphorus (%)        | 0510     | 0.2100   | 0.0000 | 0.2004        | 0.0074    | 0.0074 | 37      | 1.30             | 031.43      | 0    |
| 031          | Phosphorus (%)        | 0619     | 0.2185   | 0.0030 | 0.2004        | 0.0074    | 0.0074 | 37      | 2.46             | 031.99      | 0    |
| 031          | Phosphorus (%)        | 0003     | 0.2500   | 0.0200 | 0.2004        | 0.0074    | 0.0074 | 37      | 6.73             | 031.41      | 0    |
| 031          | Phosphorus (%)        | 0065     | 0.1450   | 0.0900 | 0.2004        | 0.0074    | 0.0074 | 37      | -7.51            | 031.44      | 1    |
| 031          | Phosphorus (%)        | 2033     | 1.815    | 0.0100 | 0.2004        | 0.0074    | 0.0074 | 37      | 218.92           | 031.43      | 2    |
| 032          | Potassium (%)         | 0003     | 1.585    | 0.1700 | 1.902         | 0.0876    | 0.0745 | 31      | -3.62            | 032.41      | 0    |
| 032          | Potassium (%)         | 2252     | 1.775    | 0.1100 | 1.902         | 0.0876    | 0.0745 | 31      | -1.45            | 032.44      | 0    |
| 032          | Potassium (%)         | 2220     | 1.780    | 0.0200 | 1.902         | 0.0876    | 0.0745 | 31      | -1.40            | 032.44      | 0    |
| 032          | Potassium (%)         | 2156     | 1.790    | 0.0400 | 1.902         | 0.0876    | 0.0745 | 31      | -1.28            | 032.44      | 0    |
| 032          | Potassium (%)         | 2219     | 1.805    | 0.0700 | 1.902         | 0.0876    | 0.0745 | 31      | -1.11            | 032.44      | 0    |
| 032          | Potassium (%)         | 0870     | 1.824    | 0.0610 | 1.902         | 0.0876    | 0.0745 | 31      | -0.90            | 032.42      | 0    |
| 032          | Potassium (%)         | 0042     | 1.825    | 0.3300 | 1.902         | 0.0876    | 0.0745 | 31      | -0.88            | 032.43      | 0    |
| 032          | Potassium (%)         | 0529     | 1.835    | 0.0900 | 1.902         | 0.0876    | 0.0745 | 31      | -0.77            | 032.31      | 0    |
| 032          | Potassium (%)         | 0918     | 1.853    | 0.0050 | 1.902         | 0.0876    | 0.0745 | 31      | -0.57            | 032.43      | 0    |
| 032          | Potassium (%)         | 0619     | 1.870    | 0.0400 | 1.902         | 0.0876    | 0.0745 | 31      | -0.37            | 032.99      | 0    |
| 032          | Potassium (%)         | 2115     | 1.876    | 0.1034 | 1.902         | 0.0876    | 0.0745 | 31      | -0.30            | 032.31      | 0    |
| 032          | Potassium (%)         | 2114     | 1.885    | 0.0418 | 1.902         | 0.0876    | 0.0745 | 31      | -0.19            | 032.44      | 0    |
| 032          | Potassium (%)         | 2232     | 1.887    | 0.2120 | 1.902         | 0.0876    | 0.0745 | 31      | -0.17            | 032.41      | 0    |
| 032          | Potassium (%)         | 2033     | 1.900    | 0.0000 | 1.902         | 0.0876    | 0.0745 | 31      | -0.03            | 032.43      | 0    |
| 032          | Potassium (%)         | 2089     | 1.900    | 0.1200 | 1.902         | 0.0876    | 0.0745 | 31      | -0.03            | 032.43      | 0    |
| 032          | Potassium (%)         | 2293     | 1.900    | 0.1000 | 1.902         | 0.0876    | 0.0745 | 31      | -0.03            | 032.44      | 0    |
| 032          | Potassium (%)         | 0242     | 1.905    | 0.0700 | 1.902         | 0.0876    | 0.0745 | 31      | 0.03             | 032.99      | 0    |
| 032          | Potassium (%)         | 2187     | 1.909    | 0.0285 | 1.902         | 0.0876    | 0.0745 | 31      | 0.08             | 032.43      | 0    |
| 032          | Potassium (%)         | 0098     | 1.915    | 0.0500 | 1.902         | 0.0876    | 0.0745 | 31      | 0.14             | 032.43      | 0    |
| 032          | Potassium (%)         | 0407     | 1.916    | 0.0305 | 1.902         | 0.0876    | 0.0745 | 31      | 0.16             | 032.41      | 0    |
| 032          | Potassium (%)         | 0164     | 1.940    | 0.0200 | 1.902         | 0.0876    | 0.0745 | 31      | 0.43             | 032.41      | 0    |
| 032          | Potassium (%)         | 0510     | 1.960    | 0.0200 | 1.902         | 0.0876    | 0.0745 | 31      | 0.66             | 032.43      | 0    |
| 032          | Potassium (%)         | 2207     | 1.965    | 0.0300 | 1.902         | 0.0876    | 0.0745 | 31      | 0.72             | 032.42      | 0    |
| 032          | Potassium (%)         | 0553     | 1.965    | 0.0100 | 1.902         | 0.0876    | 0.0745 | 31      | 0.72             | 032.53      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 032          | Potassium (%)         | 0171     | 1.970    | 0.0000 | 1.902         | 0.0876    | 0.0745 | 31      | 0.77             | 032.41      | 0    |
| 032          | Potassium (%)         | 0051     | 1.990    | 0.0249 | 1.902         | 0.0876    | 0.0745 | 31      | 1.01             | 032.41      | 0    |
| 032          | Potassium (%)         | 0202     | 1.993    | 0.0550 | 1.902         | 0.0876    | 0.0745 | 31      | 1.03             | 032.43      | 0    |
| 032          | Potassium (%)         | 0047     | 2.000    | 0.2000 | 1.902         | 0.0876    | 0.0745 | 31      | 1.11             | 032.42      | 0    |
| 032          | Potassium (%)         | 2124     | 2.000    | 0.0000 | 1.902         | 0.0876    | 0.0745 | 31      | 1.11             | 032.43      | 0    |
| 032          | Potassium (%)         | 0098     | 2.045    | 0.0300 | 1.902         | 0.0876    | 0.0745 | 31      | 1.63             | 032.41      | 0    |
| 032          | Potassium (%)         | 0208     | 2.158    | 0.2260 | 1.902         | 0.0876    | 0.0745 | 31      | 2.92             | 032.41      | 0    |
| 032          | Potassium (%)         | 0065     | 1.405    | 0.9300 | 1.902         | 0.0876    | 0.0745 | 31      | -5.68            | 032.44      | 1    |
| 033          | Salt as chloride (%)  | 0619     | 0.4950   | 0.0220 | 0.5986        | 0.0167    | 0.0122 | 7       | -6.19            | 033.01      | 0    |
| 033          | Salt as chloride (%)  | 0650     | 0.5900   | 0.0000 | 0.5986        | 0.0167    | 0.0122 | 7       | -0.52            | 033.01      | 0    |
| 033          | Salt as chloride (%)  | 0309     | 0.5919   | 0.0231 | 0.5986        | 0.0167    | 0.0122 | 7       | -0.40            | 033.00      | 0    |
| 033          | Salt as chloride (%)  | 0510     | 0.6020   | 0.0160 | 0.5986        | 0.0167    | 0.0122 | 7       | 0.20             | 033.01      | 0    |
| 033          | Salt as chloride (%)  | 0098     | 0.6050   | 0.0100 | 0.5986        | 0.0167    | 0.0122 | 7       | 0.38             | 033.01      | 0    |
| 033          | Salt as chloride (%)  | 0164     | 0.6100   | 0.0000 | 0.5986        | 0.0167    | 0.0122 | 7       | 0.68             | 033.01      | 0    |
| 033          | Salt as chloride (%)  | 0407     | 0.6180   | 0.0140 | 0.5986        | 0.0167    | 0.0122 | 7       | 1.16             | 033.01      | 0    |
| 034          | Selenium (ppm)        | 0553     | 0.0486   | 0.0011 |               |           |        | 3       |                  | 034.53      | 0    |
| 034          | Selenium (ppm)        | 2033     | 0.0647   | 0.0020 |               |           |        | 3       |                  | 034.53      | 0    |
| 034          | Selenium (ppm)        | 0918     | 0.0788   | 0.0097 |               |           |        | 3       |                  | 034.53      | 0    |
| 034          | Selenium (ppm)        | 0407     | 1.175    | 0.2500 |               |           |        | 3       |                  | 034.41      | 1    |
| 034          | Selenium (ppm)        | 0171     | < 0.05   |        |               |           |        | 3       |                  | 034.04      | 5    |
| 034          | Selenium (ppm)        | 0164     | < 0.25   |        |               |           |        | 3       |                  | 034.51      | 5    |
| 034          | Selenium (ppm)        | 2124     | < 1      |        |               |           |        | 3       |                  | 034.43      | 5    |
| 035          | Sodium (%)            | 0065     | 0.1000   | 0.0600 | 0.1323        | 0.0084    | 0.0094 | 23      | -3.87            | 035.41      | 0    |
| 035          | Sodium (%)            | 2187     | 0.1224   | 0.0059 | 0.1323        | 0.0084    | 0.0094 | 23      | -1.19            | 035.43      | 0    |
| 035          | Sodium (%)            | 0042     | 0.1245   | 0.0310 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.94            | 035.43      | 0    |
| 035          | Sodium (%)            | 0510     | 0.1245   | 0.0030 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.94            | 035.43      | 0    |
| 035          | Sodium (%)            | 0098     | 0.1250   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.88            | 035.43      | 0    |
| 035          | Sodium (%)            | 0918     | 0.1250   | 0.0000 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.88            | 035.43      | 0    |
| 035          | Sodium (%)            | 0870     | 0.1252   | 0.0034 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.85            | 035.42      | 0    |
| 035          | Sodium (%)            | 0553     | 0.1280   | 0.0040 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.52            | 035.53      | 0    |
| 035          | Sodium (%)            | 2220     | 0.1300   | 0.0200 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.28            | 035.41      | 0    |
| 035          | Sodium (%)            | 2089     | 0.1300   | 0.0000 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.28            | 035.43      | 0    |
| 035          | Sodium (%)            | 0242     | 0.1300   | 0.0000 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.28            | 035.99      | 0    |
| 035          | Sodium (%)            | 0164     | 0.1315   | 0.0070 | 0.1323        | 0.0084    | 0.0094 | 23      | -0.10            | 035.41      | 0    |
| 035          | Sodium (%)            | 0098     | 0.1350   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.32             | 035.41      | 0    |
| 035          | Sodium (%)            | 0171     | 0.1350   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.32             | 035.41      | 0    |
| 035          | Sodium (%)            | 2156     | 0.1350   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.32             | 035.41      | 0    |
| 035          | Sodium (%)            | 0202     | 0.1355   | 0.0050 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.38             | 035.43      | 0    |
| 035          | Sodium (%)            | 2232     | 0.1365   | 0.0110 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.50             | 035.41      | 0    |
| 035          | Sodium (%)            | 2124     | 0.1375   | 0.0010 | 0.1323        | 0.0084    | 0.0094 | 23      | 0.62             | 035.43      | 0    |
| 035          | Sodium (%)            | 0407     | 0.1409   | 0.0009 | 0.1323        | 0.0084    | 0.0094 | 23      | 1.02             | 035.41      | 0    |
| 035          | Sodium (%)            | 0208     | 0.1410   | 0.0020 | 0.1323        | 0.0084    | 0.0094 | 23      | 1.04             | 035.41      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 035          | Sodium (%)            | 0619     | 0.1415   | 0.0010 | 0.1323        | 0.0084    | 0.0094 | 23      | 1.10             | 035.41      | 0    |
| 035          | Sodium (%)            | 2219     | 0.1450   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | 1.52             | 035.41      | 0    |
| 035          | Sodium (%)            | 2293     | 0.1450   | 0.0100 | 0.1323        | 0.0084    | 0.0094 | 23      | 1.52             | 035.41      | 0    |
| 035          | Sodium (%)            | 2252     | 0.1950   | 0.1300 | 0.1323        | 0.0084    | 0.0094 | 23      | 7.50             | 035.41      | 1    |
| 035          | Sodium (%)            | 2033     | 1.200    | 0.0000 | 0.1323        | 0.0084    | 0.0094 | 23      | 127.75           | 035.43      | 2    |
| 036          | Sulfur (%)            | 0870     | 0.1335   | 0.0019 | 0.1545        | 0.0111    | 0.0046 | 11      | -1.90            | 036.42      | 0    |
| 036          | Sulfur (%)            | 0407     | 0.1436   | 0.0077 | 0.1545        | 0.0111    | 0.0046 | 11      | -0.99            | 036.43      | 0    |
| 036          | Sulfur (%)            | 0242     | 0.1450   | 0.0100 | 0.1545        | 0.0111    | 0.0046 | 11      | -0.86            | 036.99      | 0    |
| 036          | Sulfur (%)            | 0171     | 0.1500   | 0.0000 | 0.1545        | 0.0111    | 0.0046 | 11      | -0.41            | 036.42      | 0    |
| 036          | Sulfur (%)            | 0918     | 0.1530   | 0.0020 | 0.1545        | 0.0111    | 0.0046 | 11      | -0.14            | 036.43      | 0    |
| 036          | Sulfur (%)            | 0164     | 0.1550   | 0.0100 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.04             | 036.42      | 0    |
| 036          | Sulfur (%)            | 2089     | 0.1600   | 0.0000 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.50             | 036.43      | 0    |
| 036          | Sulfur (%)            | 0202     | 0.1605   | 0.0130 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.54             | 036.43      | 0    |
| 036          | Sulfur (%)            | 0553     | 0.1610   | 0.0040 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.59             | 036.53      | 0    |
| 036          | Sulfur (%)            | 0098     | 0.1626   | 0.0024 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.73             | 036.43      | 0    |
| 036          | Sulfur (%)            | 0510     | 0.1800   | 0.0000 | 0.1545        | 0.0111    | 0.0046 | 11      | 2.30             | 036.43      | 0    |
| 036          | Sulfur (%)            | 0042     | 0.1615   | 0.0310 | 0.1545        | 0.0111    | 0.0046 | 11      | 0.63             | 036.43      | 1    |
| 036          | Sulfur (%)            | 2033     | 1.400    | 0.0000 | 0.1545        | 0.0111    | 0.0046 | 11      | 112.51           | 036.43      | 2    |
| 037          | Zinc (ppm)            | 0164     | 30.00    | 0.0000 | 34.08         | 2.999     | 1.257  | 21      | -1.36            | 037.41      | 0    |
| 037          | Zinc (ppm)            | 0918     | 30.41    | 0.2500 | 34.08         | 2.999     | 1.257  | 21      | -1.23            | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0242     | 30.50    | 1.000  | 34.08         | 2.999     | 1.257  | 21      | -1.19            | 037.99      | 0    |
| 037          | Zinc (ppm)            | 2114     | 31.43    | 0.0665 | 34.08         | 2.999     | 1.257  | 21      | -0.89            | 037.44      | 0    |
| 037          | Zinc (ppm)            | 2207     | 31.50    | 1.000  | 34.08         | 2.999     | 1.257  | 21      | -0.86            | 037.42      | 0    |
| 037          | Zinc (ppm)            | 0051     | 31.54    | 4.430  | 34.08         | 2.999     | 1.257  | 21      | -0.85            | 037.41      | 0    |
| 037          | Zinc (ppm)            | 2033     | 32.34    | 0.0864 | 34.08         | 2.999     | 1.257  | 21      | -0.58            | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0208     | 32.39    | 1.360  | 34.08         | 2.999     | 1.257  | 21      | -0.56            | 037.41      | 0    |
| 037          | Zinc (ppm)            | 2089     | 33.39    | 1.270  | 34.08         | 2.999     | 1.257  | 21      | -0.23            | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0510     | 34.00    | 0.0000 | 34.08         | 2.999     | 1.257  | 21      | -0.03            | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0407     | 34.56    | 2.360  | 34.08         | 2.999     | 1.257  | 21      | 0.16             | 037.41      | 0    |
| 037          | Zinc (ppm)            | 0098     | 34.59    | 0.7500 | 34.08         | 2.999     | 1.257  | 21      | 0.17             | 037.41      | 0    |
| 037          | Zinc (ppm)            | 2115     | 34.75    | 0.3800 | 34.08         | 2.999     | 1.257  | 21      | 0.22             | 037.31      | 0    |
| 037          | Zinc (ppm)            | 2124     | 34.97    | 0.3400 | 34.08         | 2.999     | 1.257  | 21      | 0.30             | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0202     | 35.27    | 1.900  | 34.08         | 2.999     | 1.257  | 21      | 0.40             | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0553     | 36.40    | 1.800  | 34.08         | 2.999     | 1.257  | 21      | 0.77             | 037.53      | 0    |
| 037          | Zinc (ppm)            | 0529     | 36.75    | 0.3000 | 34.08         | 2.999     | 1.257  | 21      | 0.89             | 037.31      | 0    |
| 037          | Zinc (ppm)            | 0171     | 37.02    | 1.830  | 34.08         | 2.999     | 1.257  | 21      | 0.98             | 037.41      | 0    |
| 037          | Zinc (ppm)            | 0098     | 37.36    | 2.830  | 34.08         | 2.999     | 1.257  | 21      | 1.09             | 037.43      | 0    |
| 037          | Zinc (ppm)            | 0870     | 37.97    | 0.4400 | 34.08         | 2.999     | 1.257  | 21      | 1.30             | 037.42      | 0    |
| 037          | Zinc (ppm)            | 0619     | 43.70    | 4.000  | 34.08         | 2.999     | 1.257  | 21      | 3.21             | 037.99      | 0    |
| 037          | Zinc (ppm)            | 0042     | 33.40    | 13.20  | 34.08         | 2.999     | 1.257  | 21      | -0.23            | 037.43      | 1    |
| 037          | Zinc (ppm)            | 0003     | 75.50    | 3.000  | 34.08         | 2.999     | 1.257  | 21      | 13.81            | 037.41      | 2    |
| 038          | Molybdenum (ppm)      | 0918     | 0.9238   | 0.0488 | 1.193         | 0.2097    | 0.0623 | 8       | -1.29            | 038.53      | 0    |

| Method Group | Analyte Group (Units)           | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|---------------------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                                 |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 038          | Molybdenum (ppm)                | 2033     | 1.041    | 0.0053 | 1.193         | 0.2097    | 0.0623 | 8       | -0.73            | 038.43      | 0    |
| 038          | Molybdenum (ppm)                | 0407     | 1.063    | 0.0893 | 1.193         | 0.2097    | 0.0623 | 8       | -0.62            | 038.41      | 0    |
| 038          | Molybdenum (ppm)                | 0553     | 1.185    | 0.0500 | 1.193         | 0.2097    | 0.0623 | 8       | -0.04            | 038.53      | 0    |
| 038          | Molybdenum (ppm)                | 0202     | 1.206    | 0.0280 | 1.193         | 0.2097    | 0.0623 | 8       | 0.06             | 038.43      | 0    |
| 038          | Molybdenum (ppm)                | 0510     | 1.300    | 0.0000 | 1.193         | 0.2097    | 0.0623 | 8       | 0.51             | 038.43      | 0    |
| 038          | Molybdenum (ppm)                | 0164     | 1.320    | 0.1200 | 1.193         | 0.2097    | 0.0623 | 8       | 0.60             | 038.51      | 0    |
| 038          | Molybdenum (ppm)                | 0171     | 2.320    | 0.1570 | 1.193         | 0.2097    | 0.0623 | 8       | 5.37             | 038.41      | 0    |
| 040          | Barium (ppm)                    | 0918     | 45.43    | 0.8969 |               |           |        | 1       |                  | 040.53      | 0    |
| 042          | Chloride (%)                    | 2124     | 0.3700   | 0.0000 |               |           |        | 1       |                  | 042.00      | 0    |
| 106          | Vitamin A (KU / kg)             | 0676     | 0.3350   | 0.0300 |               |           |        | 1       |                  | 106.02      | 0    |
| 109          | Vitamin E (IU / kg)             | 0676     | 31.12    | 0.9500 |               |           |        | 1       |                  | 109.02      | 0    |
| 111          | Vitamin C, Phosphorylated (ppm) | 0676     | 9.170    | 0.9800 |               |           |        | 1       |                  | 111.98      | 0    |
| 120          | Alanine (%)                     | 0918     | 0.4324   | 0.0018 | 0.4714        | 0.0235    | 0.0173 | 9       | -1.66            | 120.00      | 0    |
| 120          | Alanine (%)                     | 0171     | 0.4500   | 0.0600 | 0.4714        | 0.0235    | 0.0173 | 9       | -0.91            | 120.00      | 0    |
| 120          | Alanine (%)                     | 0870     | 0.4593   | 0.0247 | 0.4714        | 0.0235    | 0.0173 | 9       | -0.52            | 120.00      | 0    |
| 120          | Alanine (%)                     | 0619     | 0.4720   | 0.0180 | 0.4714        | 0.0235    | 0.0173 | 9       | 0.02             | 120.00      | 0    |
| 120          | Alanine (%)                     | 0504     | 0.4750   | 0.0100 | 0.4714        | 0.0235    | 0.0173 | 9       | 0.15             | 120.00      | 0    |
| 120          | Alanine (%)                     | 0676     | 0.4750   | 0.0300 | 0.4714        | 0.0235    | 0.0173 | 9       | 0.15             | 120.05      | 0    |
| 120          | Alanine (%)                     | 0227     | 0.4800   | 0.0000 | 0.4714        | 0.0235    | 0.0173 | 9       | 0.36             | 120.00      | 0    |
| 120          | Alanine (%)                     | 2115     | 0.4905   | 0.0010 | 0.4714        | 0.0235    | 0.0173 | 9       | 0.81             | 120.99      | 0    |
| 120          | Alanine (%)                     | 0160     | 0.5050   | 0.0100 | 0.4714        | 0.0235    | 0.0173 | 9       | 1.43             | 120.99      | 0    |
| 121          | Arginine (%)                    | 0171     | 0.3200   | 0.0200 | 0.3670        | 0.0340    | 0.0146 | 9       | -1.38            | 121.00      | 0    |
| 121          | Arginine (%)                    | 0870     | 0.3439   | 0.0117 | 0.3670        | 0.0340    | 0.0146 | 9       | -0.68            | 121.00      | 0    |
| 121          | Arginine (%)                    | 0918     | 0.3470   | 0.0125 | 0.3670        | 0.0340    | 0.0146 | 9       | -0.59            | 121.00      | 0    |
| 121          | Arginine (%)                    | 0504     | 0.3550   | 0.0100 | 0.3670        | 0.0340    | 0.0146 | 9       | -0.35            | 121.00      | 0    |
| 121          | Arginine (%)                    | 0227     | 0.3650   | 0.0100 | 0.3670        | 0.0340    | 0.0146 | 9       | -0.06            | 121.00      | 0    |
| 121          | Arginine (%)                    | 0619     | 0.3750   | 0.0320 | 0.3670        | 0.0340    | 0.0146 | 9       | 0.23             | 121.00      | 0    |
| 121          | Arginine (%)                    | 0676     | 0.3800   | 0.0200 | 0.3670        | 0.0340    | 0.0146 | 9       | 0.38             | 121.05      | 0    |
| 121          | Arginine (%)                    | 2115     | 0.3995   | 0.0050 | 0.3670        | 0.0340    | 0.0146 | 9       | 0.96             | 121.99      | 0    |
| 121          | Arginine (%)                    | 0160     | 0.4350   | 0.0100 | 0.3670        | 0.0340    | 0.0146 | 9       | 2.00             | 121.99      | 0    |
| 122          | Aspartic (%)                    | 0918     | 0.7540   | 0.0018 | 0.8393        | 0.0491    | 0.0168 | 9       | -1.74            | 122.00      | 0    |
| 122          | Aspartic (%)                    | 0870     | 0.8110   | 0.0427 | 0.8393        | 0.0491    | 0.0168 | 9       | -0.58            | 122.00      | 0    |
| 122          | Aspartic (%)                    | 2115     | 0.8195   | 0.0010 | 0.8393        | 0.0491    | 0.0168 | 9       | -0.40            | 122.99      | 0    |
| 122          | Aspartic (%)                    | 0227     | 0.8200   | 0.0000 | 0.8393        | 0.0491    | 0.0168 | 9       | -0.39            | 122.00      | 0    |
| 122          | Aspartic (%)                    | 0504     | 0.8250   | 0.0100 | 0.8393        | 0.0491    | 0.0168 | 9       | -0.29            | 122.00      | 0    |
| 122          | Aspartic (%)                    | 0171     | 0.8600   | 0.0200 | 0.8393        | 0.0491    | 0.0168 | 9       | 0.42             | 122.00      | 0    |
| 122          | Aspartic (%)                    | 0619     | 0.8650   | 0.0360 | 0.8393        | 0.0491    | 0.0168 | 9       | 0.52             | 122.00      | 0    |
| 122          | Aspartic (%)                    | 0676     | 0.8750   | 0.0100 | 0.8393        | 0.0491    | 0.0168 | 9       | 0.73             | 122.05      | 0    |
| 122          | Aspartic (%)                    | 0160     | 0.9150   | 0.0300 | 0.8393        | 0.0491    | 0.0168 | 9       | 1.54             | 122.99      | 0    |
| 124          | Cysteine/Cystine (%)            | 0870     | 0.0207   | 0.0018 | 0.0675        | 0.0246    | 0.0017 | 7       | -1.90            | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)            | 0227     | 0.0500   | 0.0000 | 0.0675        | 0.0246    | 0.0017 | 7       | -0.71            | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)            | 0676     | 0.0600   | 0.0000 | 0.0675        | 0.0246    | 0.0017 | 7       | -0.31            | 124.05      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 124          | Cysteine/Cystine (%)  | 0171     | 0.0750   | 0.0100 | 0.0675        | 0.0246    | 0.0017 | 7       | 0.30             | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)  | 0918     | 0.0800   | 0.0000 | 0.0675        | 0.0246    | 0.0017 | 7       | 0.51             | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)  | 0619     | 0.0870   | 0.0000 | 0.0675        | 0.0246    | 0.0017 | 7       | 0.79             | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)  | 0504     | 0.0900   | 0.0000 | 0.0675        | 0.0246    | 0.0017 | 7       | 0.91             | 124.00      | 0    |
| 124          | Cysteine/Cystine (%)  | 0160     | 0.1050   | 0.0700 | 0.0675        | 0.0246    | 0.0017 | 7       | 1.52             | 124.00      | 1    |
| 124          | Cysteine/Cystine (%)  | 2115     | < 0.1    |        | 0.0675        | 0.0246    | 0.0017 | 7       |                  | 124.99      | 5    |
| 125          | Glutamic (%)          | 0676     | 0.9650   | 0.0300 | 1.071         | 0.0811    | 0.0225 | 9       | -1.31            | 125.05      | 0    |
| 125          | Glutamic (%)          | 0918     | 0.9786   | 0.0036 | 1.071         | 0.0811    | 0.0225 | 9       | -1.14            | 125.00      | 0    |
| 125          | Glutamic (%)          | 0504     | 1.050    | 0.0000 | 1.071         | 0.0811    | 0.0225 | 9       | -0.26            | 125.00      | 0    |
| 125          | Glutamic (%)          | 0171     | 1.055    | 0.0700 | 1.071         | 0.0811    | 0.0225 | 9       | -0.20            | 125.00      | 0    |
| 125          | Glutamic (%)          | 2115     | 1.076    | 0.0080 | 1.071         | 0.0811    | 0.0225 | 9       | 0.06             | 125.99      | 0    |
| 125          | Glutamic (%)          | 0870     | 1.087    | 0.0613 | 1.071         | 0.0811    | 0.0225 | 9       | 0.20             | 125.00      | 0    |
| 125          | Glutamic (%)          | 0227     | 1.095    | 0.0100 | 1.071         | 0.0811    | 0.0225 | 9       | 0.30             | 125.00      | 0    |
| 125          | Glutamic (%)          | 0160     | 1.140    | 0.0000 | 1.071         | 0.0811    | 0.0225 | 9       | 0.85             | 125.99      | 0    |
| 125          | Glutamic (%)          | 0619     | 1.250    | 0.0200 | 1.071         | 0.0811    | 0.0225 | 9       | 2.21             | 125.00      | 0    |
| 126          | Glycine (%)           | 0918     | 0.3539   | 0.0050 | 0.3948        | 0.0283    | 0.0072 | 8       | -1.45            | 126.00      | 0    |
| 126          | Glycine (%)           | 0870     | 0.3703   | 0.0179 | 0.3948        | 0.0283    | 0.0072 | 8       | -0.87            | 126.00      | 0    |
| 126          | Glycine (%)           | 0171     | 0.3900   | 0.0000 | 0.3948        | 0.0283    | 0.0072 | 8       | -0.17            | 126.00      | 0    |
| 126          | Glycine (%)           | 0504     | 0.3900   | 0.0000 | 0.3948        | 0.0283    | 0.0072 | 8       | -0.17            | 126.00      | 0    |
| 126          | Glycine (%)           | 0227     | 0.3950   | 0.0100 | 0.3948        | 0.0283    | 0.0072 | 8       | 0.01             | 126.00      | 0    |
| 126          | Glycine (%)           | 2115     | 0.4095   | 0.0010 | 0.3948        | 0.0283    | 0.0072 | 8       | 0.52             | 126.99      | 0    |
| 126          | Glycine (%)           | 0619     | 0.4250   | 0.0140 | 0.3948        | 0.0283    | 0.0072 | 8       | 1.07             | 126.00      | 0    |
| 126          | Glycine (%)           | 0676     | 0.4250   | 0.0100 | 0.3948        | 0.0283    | 0.0072 | 8       | 1.07             | 126.05      | 0    |
| 126          | Glycine (%)           | 0160     | 0.4450   | 0.0900 | 0.3948        | 0.0283    | 0.0072 | 8       | 1.77             | 126.99      | 1    |
| 127          | Histidine (%)         | 0918     | 0.1551   | 0.0009 | 0.1762        | 0.0271    | 0.0017 | 8       | -0.78            | 127.00      | 0    |
| 127          | Histidine (%)         | 0870     | 0.1594   | 0.0110 | 0.1762        | 0.0271    | 0.0017 | 8       | -0.62            | 127.00      | 0    |
| 127          | Histidine (%)         | 0171     | 0.1600   | 0.0000 | 0.1762        | 0.0271    | 0.0017 | 8       | -0.60            | 127.00      | 0    |
| 127          | Histidine (%)         | 0676     | 0.1600   | 0.0000 | 0.1762        | 0.0271    | 0.0017 | 8       | -0.60            | 127.05      | 0    |
| 127          | Histidine (%)         | 0504     | 0.1700   | 0.0000 | 0.1762        | 0.0271    | 0.0017 | 8       | -0.23            | 127.00      | 0    |
| 127          | Histidine (%)         | 0227     | 0.1800   | 0.0000 | 0.1762        | 0.0271    | 0.0017 | 8       | 0.14             | 127.00      | 0    |
| 127          | Histidine (%)         | 2115     | 0.2085   | 0.0010 | 0.1762        | 0.0271    | 0.0017 | 8       | 1.19             | 127.99      | 0    |
| 127          | Histidine (%)         | 0619     | 0.2645   | 0.0010 | 0.1762        | 0.0271    | 0.0017 | 8       | 3.25             | 127.00      | 0    |
| 127          | Histidine (%)         | 0160     | 0.1900   | 0.0200 | 0.1762        | 0.0271    | 0.0017 | 8       | 0.51             | 127.99      | 1    |
| 128          | Isoleucine (%)        | 0619     | 0.2865   | 0.0130 | 0.3371        | 0.0346    | 0.0116 | 9       | -1.46            | 128.00      | 0    |
| 128          | Isoleucine (%)        | 0918     | 0.2960   | 0.0003 | 0.3371        | 0.0346    | 0.0116 | 9       | -1.19            | 128.00      | 0    |
| 128          | Isoleucine (%)        | 0171     | 0.3250   | 0.0100 | 0.3371        | 0.0346    | 0.0116 | 9       | -0.35            | 128.00      | 0    |
| 128          | Isoleucine (%)        | 0676     | 0.3350   | 0.0300 | 0.3371        | 0.0346    | 0.0116 | 9       | -0.06            | 128.05      | 0    |
| 128          | Isoleucine (%)        | 0227     | 0.3350   | 0.0100 | 0.3371        | 0.0346    | 0.0116 | 9       | -0.06            | 128.00      | 0    |
| 128          | Isoleucine (%)        | 0504     | 0.3550   | 0.0100 | 0.3371        | 0.0346    | 0.0116 | 9       | 0.52             | 128.00      | 0    |
| 128          | Isoleucine (%)        | 0160     | 0.3650   | 0.0100 | 0.3371        | 0.0346    | 0.0116 | 9       | 0.81             | 128.99      | 0    |
| 128          | Isoleucine (%)        | 2115     | 0.3665   | 0.0010 | 0.3371        | 0.0346    | 0.0116 | 9       | 0.85             | 128.99      | 0    |
| 128          | Isoleucine (%)        | 0870     | 0.3699   | 0.0204 | 0.3371        | 0.0346    | 0.0116 | 9       | 0.95             | 128.00      | 0    |



| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 129          | Leucine (%)           | 0918     | 0.5335   | 0.0022 | 0.5928        | 0.0261    | 0.0144 | 9       | -2.27            | 129.00      | 0    |
| 129          | Leucine (%)           | 0171     | 0.5700   | 0.0200 | 0.5928        | 0.0261    | 0.0144 | 9       | -0.87            | 129.00      | 0    |
| 129          | Leucine (%)           | 0676     | 0.5800   | 0.0400 | 0.5928        | 0.0261    | 0.0144 | 9       | -0.49            | 129.05      | 0    |
| 129          | Leucine (%)           | 0227     | 0.5850   | 0.0100 | 0.5928        | 0.0261    | 0.0144 | 9       | -0.30            | 129.00      | 0    |
| 129          | Leucine (%)           | 0619     | 0.5940   | 0.0320 | 0.5928        | 0.0261    | 0.0144 | 9       | 0.05             | 129.00      | 0    |
| 129          | Leucine (%)           | 0504     | 0.6000   | 0.0000 | 0.5928        | 0.0261    | 0.0144 | 9       | 0.28             | 129.00      | 0    |
| 129          | Leucine (%)           | 2115     | 0.6125   | 0.0010 | 0.5928        | 0.0261    | 0.0144 | 9       | 0.76             | 129.99      | 0    |
| 129          | Leucine (%)           | 0870     | 0.6148   | 0.0147 | 0.5928        | 0.0261    | 0.0144 | 9       | 0.84             | 129.00      | 0    |
| 129          | Leucine (%)           | 0160     | 0.6250   | 0.0100 | 0.5928        | 0.0261    | 0.0144 | 9       | 1.23             | 129.99      | 0    |
| 130          | L-Lysine (%)          | 0870     | 0.4228   | 0.0112 | 0.4593        | 0.0433    | 0.0163 | 9       | -0.84            | 130.00      | 0    |
| 130          | L-Lysine (%)          | 0619     | 0.4255   | 0.0190 | 0.4593        | 0.0433    | 0.0163 | 9       | -0.78            | 130.00      | 0    |
| 130          | L-Lysine (%)          | 0918     | 0.4260   | 0.0048 | 0.4593        | 0.0433    | 0.0163 | 9       | -0.77            | 130.00      | 0    |
| 130          | L-Lysine (%)          | 0171     | 0.4300   | 0.0000 | 0.4593        | 0.0433    | 0.0163 | 9       | -0.68            | 130.00      | 0    |
| 130          | L-Lysine (%)          | 0676     | 0.4550   | 0.0300 | 0.4593        | 0.0433    | 0.0163 | 9       | -0.10            | 130.05      | 0    |
| 130          | L-Lysine (%)          | 0504     | 0.4600   | 0.0000 | 0.4593        | 0.0433    | 0.0163 | 9       | 0.02             | 130.00      | 0    |
| 130          | L-Lysine (%)          | 0160     | 0.4800   | 0.0400 | 0.4593        | 0.0433    | 0.0163 | 9       | 0.48             | 130.99      | 0    |
| 130          | L-Lysine (%)          | 2115     | 0.5100   | 0.0020 | 0.4593        | 0.0433    | 0.0163 | 9       | 1.17             | 130.99      | 0    |
| 130          | L-Lysine (%)          | 0227     | 0.5300   | 0.0400 | 0.4593        | 0.0433    | 0.0163 | 9       | 1.63             | 130.00      | 0    |
| 131          | Methionine (%)        | 0870     | 0.1266   | 0.0061 | 0.1372        | 0.0060    | 0.0056 | 8       | -1.79            | 131.00      | 0    |
| 131          | Methionine (%)        | 2115     | 0.1335   | 0.0010 | 0.1372        | 0.0060    | 0.0056 | 8       | -0.62            | 131.99      | 0    |
| 131          | Methionine (%)        | 0160     | 0.1350   | 0.0100 | 0.1372        | 0.0060    | 0.0056 | 8       | -0.37            | 131.00      | 0    |
| 131          | Methionine (%)        | 0676     | 0.1350   | 0.0100 | 0.1372        | 0.0060    | 0.0056 | 8       | -0.37            | 131.05      | 0    |
| 131          | Methionine (%)        | 0227     | 0.1400   | 0.0000 | 0.1372        | 0.0060    | 0.0056 | 8       | 0.47             | 131.00      | 0    |
| 131          | Methionine (%)        | 0918     | 0.1400   | 0.0000 | 0.1372        | 0.0060    | 0.0056 | 8       | 0.47             | 131.00      | 0    |
| 131          | Methionine (%)        | 0619     | 0.1410   | 0.0080 | 0.1372        | 0.0060    | 0.0056 | 8       | 0.63             | 131.00      | 0    |
| 131          | Methionine (%)        | 0504     | 0.1450   | 0.0100 | 0.1372        | 0.0060    | 0.0056 | 8       | 1.30             | 131.00      | 0    |
| 131          | Methionine (%)        | 0171     | 0.1200   | 0.0400 | 0.1372        | 0.0060    | 0.0056 | 8       | -2.88            | 131.00      | 1    |
| 132          | Phenylalanine (%)     | 0619     | 0.3390   | 0.0140 | 0.3752        | 0.0290    | 0.0064 | 9       | -1.25            | 132.00      | 0    |
| 132          | Phenylalanine (%)     | 0171     | 0.3450   | 0.0100 | 0.3752        | 0.0290    | 0.0064 | 9       | -1.04            | 132.00      | 0    |
| 132          | Phenylalanine (%)     | 0870     | 0.3539   | 0.0177 | 0.3752        | 0.0290    | 0.0064 | 9       | -0.74            | 132.00      | 0    |
| 132          | Phenylalanine (%)     | 0227     | 0.3700   | 0.0000 | 0.3752        | 0.0290    | 0.0064 | 9       | -0.18            | 132.00      | 0    |
| 132          | Phenylalanine (%)     | 0676     | 0.3850   | 0.0100 | 0.3752        | 0.0290    | 0.0064 | 9       | 0.34             | 132.05      | 0    |
| 132          | Phenylalanine (%)     | 2115     | 0.3850   | 0.0020 | 0.3752        | 0.0290    | 0.0064 | 9       | 0.34             | 132.99      | 0    |
| 132          | Phenylalanine (%)     | 0504     | 0.3900   | 0.0000 | 0.3752        | 0.0290    | 0.0064 | 9       | 0.51             | 132.00      | 0    |
| 132          | Phenylalanine (%)     | 0160     | 0.3900   | 0.0000 | 0.3752        | 0.0290    | 0.0064 | 9       | 0.51             | 132.99      | 0    |
| 132          | Phenylalanine (%)     | 0918     | 0.4296   | 0.0036 | 0.3752        | 0.0290    | 0.0064 | 9       | 1.88             | 132.00      | 0    |
| 133          | Proline (%)           | 0870     | 0.2837   | 0.0126 | 0.3208        | 0.0277    | 0.0143 | 9       | -1.34            | 133.00      | 0    |
| 133          | Proline (%)           | 0918     | 0.2929   | 0.0269 | 0.3208        | 0.0277    | 0.0143 | 9       | -1.01            | 133.00      | 0    |
| 133          | Proline (%)           | 0504     | 0.3100   | 0.0000 | 0.3208        | 0.0277    | 0.0143 | 9       | -0.39            | 133.00      | 0    |
| 133          | Proline (%)           | 0676     | 0.3150   | 0.0300 | 0.3208        | 0.0277    | 0.0143 | 9       | -0.21            | 133.05      | 0    |
| 133          | Proline (%)           | 0619     | 0.3210   | 0.0080 | 0.3208        | 0.0277    | 0.0143 | 9       | 0.01             | 133.00      | 0    |
| 133          | Proline (%)           | 0171     | 0.3250   | 0.0300 | 0.3208        | 0.0277    | 0.0143 | 9       | 0.15             | 133.00      | 0    |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                       |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 133          | Proline (%)           | 0227     | 0.3300   | 0.0000 | 0.3208        | 0.0277    | 0.0143 | 9       | 0.33             | 133.00      | 0    |
| 133          | Proline (%)           | 2115     | 0.3495   | 0.0010 | 0.3208        | 0.0277    | 0.0143 | 9       | 1.04             | 133.99      | 0    |
| 133          | Proline (%)           | 0160     | 0.3600   | 0.0200 | 0.3208        | 0.0277    | 0.0143 | 9       | 1.42             | 133.99      | 0    |
| 134          | Serine (%)            | 0504     | 0.3050   | 0.0100 | 0.3665        | 0.0267    | 0.0069 | 8       | -2.30            | 134.00      | 0    |
| 134          | Serine (%)            | 0918     | 0.3372   | 0.0009 | 0.3665        | 0.0267    | 0.0069 | 8       | -1.10            | 134.00      | 0    |
| 134          | Serine (%)            | 0227     | 0.3600   | 0.0000 | 0.3665        | 0.0267    | 0.0069 | 8       | -0.24            | 134.00      | 0    |
| 134          | Serine (%)            | 0870     | 0.3740   | 0.0196 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.28             | 134.00      | 0    |
| 134          | Serine (%)            | 0676     | 0.3750   | 0.0100 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.32             | 134.05      | 0    |
| 134          | Serine (%)            | 2115     | 0.3825   | 0.0030 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.60             | 134.99      | 0    |
| 134          | Serine (%)            | 0171     | 0.3850   | 0.0100 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.69             | 134.00      | 0    |
| 134          | Serine (%)            | 0619     | 0.3920   | 0.0020 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.95             | 134.00      | 0    |
| 134          | Serine (%)            | 0160     | 0.3850   | 0.0500 | 0.3665        | 0.0267    | 0.0069 | 8       | 0.69             | 134.99      | 1    |
| 135          | Threonine (%)         | 0160     | 0.2800   | 0.0200 | 0.3403        | 0.0184    | 0.0081 | 9       | -3.27            | 135.99      | 0    |
| 135          | Threonine (%)         | 0918     | 0.3268   | 0.0037 | 0.3403        | 0.0184    | 0.0081 | 9       | -0.73            | 135.00      | 0    |
| 135          | Threonine (%)         | 0171     | 0.3300   | 0.0200 | 0.3403        | 0.0184    | 0.0081 | 9       | -0.56            | 135.00      | 0    |
| 135          | Threonine (%)         | 0870     | 0.3334   | 0.0124 | 0.3403        | 0.0184    | 0.0081 | 9       | -0.37            | 135.00      | 0    |
| 135          | Threonine (%)         | 0504     | 0.3400   | 0.0000 | 0.3403        | 0.0184    | 0.0081 | 9       | -0.01            | 135.00      | 0    |
| 135          | Threonine (%)         | 0227     | 0.3450   | 0.0100 | 0.3403        | 0.0184    | 0.0081 | 9       | 0.26             | 135.00      | 0    |
| 135          | Threonine (%)         | 0619     | 0.3540   | 0.0040 | 0.3403        | 0.0184    | 0.0081 | 9       | 0.75             | 135.00      | 0    |
| 135          | Threonine (%)         | 0676     | 0.3600   | 0.0000 | 0.3403        | 0.0184    | 0.0081 | 9       | 1.07             | 135.05      | 0    |
| 135          | Threonine (%)         | 2115     | 0.3605   | 0.0030 | 0.3403        | 0.0184    | 0.0081 | 9       | 1.10             | 135.99      | 0    |
| 136          | Tryptophan (%)        | 0504     | 0.0650   | 0.0100 | 0.1201        | 0.0470    | 0.0082 | 7       | -1.17            | 136.99      | 0    |
| 136          | Tryptophan (%)        | 0160     | 0.0850   | 0.0300 | 0.1201        | 0.0470    | 0.0082 | 7       | -0.75            | 136.99      | 0    |
| 136          | Tryptophan (%)        | 0870     | 0.0900   | 0.0032 | 0.1201        | 0.0470    | 0.0082 | 7       | -0.64            | 136.00      | 0    |
| 136          | Tryptophan (%)        | 0619     | 0.1240   | 0.0000 | 0.1201        | 0.0470    | 0.0082 | 7       | 0.08             | 136.00      | 0    |
| 136          | Tryptophan (%)        | 0227     | 0.1400   | 0.0000 | 0.1201        | 0.0470    | 0.0082 | 7       | 0.42             | 136.00      | 0    |
| 136          | Tryptophan (%)        | 2114     | 0.1617   | 0.0039 | 0.1201        | 0.0470    | 0.0082 | 7       | 0.88             | 136.01      | 0    |
| 136          | Tryptophan (%)        | 0918     | 0.1750   | 0.0100 | 0.1201        | 0.0470    | 0.0082 | 7       | 1.17             | 136.00      | 0    |
| 137          | Tyrosine (%)          | 0171     | 0.1850   | 0.0100 | 0.2334        | 0.0394    | 0.0066 | 8       | -1.23            | 137.00      | 0    |
| 137          | Tyrosine (%)          | 0504     | 0.2100   | 0.0000 | 0.2334        | 0.0394    | 0.0066 | 8       | -0.59            | 137.00      | 0    |
| 137          | Tyrosine (%)          | 0870     | 0.2129   | 0.0083 | 0.2334        | 0.0394    | 0.0066 | 8       | -0.52            | 137.00      | 0    |
| 137          | Tyrosine (%)          | 0227     | 0.2150   | 0.0100 | 0.2334        | 0.0394    | 0.0066 | 8       | -0.47            | 137.00      | 0    |
| 137          | Tyrosine (%)          | 2115     | 0.2255   | 0.0010 | 0.2334        | 0.0394    | 0.0066 | 8       | -0.20            | 137.99      | 0    |
| 137          | Tyrosine (%)          | 0676     | 0.2700   | 0.0000 | 0.2334        | 0.0394    | 0.0066 | 8       | 0.93             | 137.05      | 0    |
| 137          | Tyrosine (%)          | 0160     | 0.2700   | 0.0200 | 0.2334        | 0.0394    | 0.0066 | 8       | 0.93             | 137.99      | 0    |
| 137          | Tyrosine (%)          | 0918     | 0.2788   | 0.0033 | 0.2334        | 0.0394    | 0.0066 | 8       | 1.15             | 137.00      | 0    |
| 138          | Valine (%)            | 0619     | 0.3860   | 0.0080 | 0.4423        | 0.0350    | 0.0102 | 8       | -1.61            | 138.00      | 0    |
| 138          | Valine (%)            | 0918     | 0.4037   | 0.0090 | 0.4423        | 0.0350    | 0.0102 | 8       | -1.10            | 138.00      | 0    |
| 138          | Valine (%)            | 2115     | 0.4405   | 0.0030 | 0.4423        | 0.0350    | 0.0102 | 8       | -0.05            | 138.99      | 0    |
| 138          | Valine (%)            | 0870     | 0.4447   | 0.0215 | 0.4423        | 0.0350    | 0.0102 | 8       | 0.07             | 138.00      | 0    |
| 138          | Valine (%)            | 0160     | 0.4550   | 0.0100 | 0.4423        | 0.0350    | 0.0102 | 8       | 0.36             | 138.99      | 0    |
| 138          | Valine (%)            | 0227     | 0.4600   | 0.0000 | 0.4423        | 0.0350    | 0.0102 | 8       | 0.50             | 138.00      | 0    |

| Method Group | Analyte Group (Units)  | Lab Code | Lab Data |        | Method Values |           |        |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|------------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
|              |                        |          | Value    | Range  | Rob Mean      | Robust SD | R-bar  | # Tests |                  |             |      |
| 138          | Valine (%)             | 0504     | 0.4650   | 0.0100 | 0.4423        | 0.0350    | 0.0102 | 8       | 0.65             | 138.00      | 0    |
| 138          | Valine (%)             | 0676     | 0.4800   | 0.0200 | 0.4423        | 0.0350    | 0.0102 | 8       | 1.08             | 138.05      | 0    |
| 138          | Valine (%)             | 0171     | 0.4100   | 0.0600 | 0.4423        | 0.0350    | 0.0102 | 8       | -0.92            | 138.00      | 1    |
| 139          | Taurine (%)            | 0504     | 0.2050   | 0.1300 |               |           |        | 1       |                  | 139.00      | 0    |
| 160          | Fructose (%)           | 0227     | 0.9900   | 0.0000 |               |           |        | 1       |                  | 160.99      | 0    |
| 162          | Glucose (%)            | 0227     | 1.640    | 0.0200 |               |           |        | 1       |                  | 162.99      | 0    |
| 163          | Lactose (%)            | 0227     | < 0.15   |        |               |           |        | 0       |                  | 163.99      | 5    |
| 164          | Maltose (%)            | 0227     | < 0.15   |        |               |           |        | 0       |                  | 164.99      | 5    |
| 165          | Sucrose (%)            | 0227     | 1.115    | 0.0300 |               |           |        | 1       |                  | 165.99      | 0    |
| 400          | Water Activity (Units) | 0407     | 0.3196   | 0.0019 |               |           |        | 3       |                  | 400.01      | 0    |
| 400          | Water Activity (Units) | 2303     | 0.3340   | 0.0026 |               |           |        | 3       |                  | 400.01      | 0    |
| 400          | Water Activity (Units) | 2083     | 0.3645   | 0.0030 |               |           |        | 3       |                  | 400.99      | 0    |
| 516          | Arsenic, Total (ppm)   | 0171     | 0.1280   | 0.0680 | 0.1820        | 0.0501    | 0.0399 | 6       | -1.08            | 516.00      | 0    |
| 516          | Arsenic, Total (ppm)   | 0553     | 0.1530   | 0.0080 | 0.1820        | 0.0501    | 0.0399 | 6       | -0.58            | 516.53      | 0    |
| 516          | Arsenic, Total (ppm)   | 2033     | 0.1755   | 0.0047 | 0.1820        | 0.0501    | 0.0399 | 6       | -0.13            | 516.53      | 0    |
| 516          | Arsenic, Total (ppm)   | 0227     | 0.1785   | 0.0050 | 0.1820        | 0.0501    | 0.0399 | 6       | -0.07            | 516.53      | 0    |
| 516          | Arsenic, Total (ppm)   | 0918     | 0.1997   | 0.0029 | 0.1820        | 0.0501    | 0.0399 | 6       | 0.35             | 516.53      | 0    |
| 516          | Arsenic, Total (ppm)   | 0407     | 1.015    | 0.1510 | 0.1820        | 0.0501    | 0.0399 | 6       | 16.61            | 516.43      | 0    |
| 516          | Arsenic, Total (ppm)   | 2124     | < 0.89   |        | 0.1820        | 0.0501    | 0.0399 | 6       |                  | 516.43      | 5    |
| 518          | Cadmium (ppm)          | 0407     | 0.1036   | 0.0627 | 0.5075        | 0.0725    | 0.0316 | 7       | -5.57            | 518.41      | 0    |
| 518          | Cadmium (ppm)          | 0918     | 0.4799   | 0.0012 | 0.5075        | 0.0725    | 0.0316 | 7       | -0.38            | 518.53      | 0    |
| 518          | Cadmium (ppm)          | 2033     | 0.4816   | 0.0086 | 0.5075        | 0.0725    | 0.0316 | 7       | -0.36            | 518.53      | 0    |
| 518          | Cadmium (ppm)          | 0553     | 0.5045   | 0.0190 | 0.5075        | 0.0725    | 0.0316 | 7       | -0.04            | 518.53      | 0    |
| 518          | Cadmium (ppm)          | 0227     | 0.5425   | 0.0150 | 0.5075        | 0.0725    | 0.0316 | 7       | 0.48             | 518.53      | 0    |
| 518          | Cadmium (ppm)          | 2124     | 0.5450   | 0.0100 | 0.5075        | 0.0725    | 0.0316 | 7       | 0.52             | 518.43      | 0    |
| 518          | Cadmium (ppm)          | 0171     | 0.6005   | 0.1050 | 0.5075        | 0.0725    | 0.0316 | 7       | 1.28             | 518.41      | 0    |
| 520          | Chromium (ppm)         | 0918     | 5.270    | 1.690  | 9.049         | 2.940     | 0.5441 | 6       | -1.29            | 520.53      | 0    |
| 520          | Chromium (ppm)         | 0407     | 6.995    | 0.4555 | 9.049         | 2.940     | 0.5441 | 6       | -0.70            | 520.41      | 0    |
| 520          | Chromium (ppm)         | 2033     | 8.590    | 0.2500 | 9.049         | 2.940     | 0.5441 | 6       | -0.16            | 520.43      | 0    |
| 520          | Chromium (ppm)         | 0553     | 10.40    | 0.2000 | 9.049         | 2.940     | 0.5441 | 6       | 0.46             | 520.53      | 0    |
| 520          | Chromium (ppm)         | 0510     | 10.86    | 0.0600 | 9.049         | 2.940     | 0.5441 | 6       | 0.62             | 520.43      | 0    |
| 520          | Chromium (ppm)         | 0171     | 12.18    | 0.6090 | 9.049         | 2.940     | 0.5441 | 6       | 1.06             | 520.41      | 0    |
| 526          | Lead (ppm)             | 2033     | 0.3536   | 0.0123 | 0.4169        | 0.0713    | 0.0302 | 6       | -0.89            | 526.53      | 0    |
| 526          | Lead (ppm)             | 0407     | 0.3539   | 0.0909 | 0.4169        | 0.0713    | 0.0302 | 6       | -0.88            | 526.41      | 0    |
| 526          | Lead (ppm)             | 0918     | 0.4172   | 0.0022 | 0.4169        | 0.0713    | 0.0302 | 6       | 0.00             | 526.53      | 0    |
| 526          | Lead (ppm)             | 0553     | 0.4180   | 0.0360 | 0.4169        | 0.0713    | 0.0302 | 6       | 0.02             | 526.53      | 0    |
| 526          | Lead (ppm)             | 0227     | 0.4350   | 0.0140 | 0.4169        | 0.0713    | 0.0302 | 6       | 0.25             | 526.53      | 0    |
| 526          | Lead (ppm)             | 0171     | 0.5430   | 0.0260 | 0.4169        | 0.0713    | 0.0302 | 6       | 1.77             | 526.41      | 0    |
| 529          | Mercury (ppb)          | 2033     | 8.113    | 0.4360 |               |           |        | 1       |                  | 529.99      | 0    |
| 539          | Nickel (ppm)           | 0918     | 2.293    | 0.2992 |               |           |        | 3       |                  | 539.53      | 0    |
| 539          | Nickel (ppm)           | 0407     | 3.355    | 0.9214 |               |           |        | 3       |                  | 539.41      | 0    |
| 539          | Nickel (ppm)           | 0553     | 3.980    | 0.0400 |               |           |        | 3       |                  | 539.53      | 0    |

| Method Group | Analyte Group (Units)                                      | Lab Code | Lab Data |        | Method Values |           |       |         | AAFCO PT Z Score | Your Method | Flag |
|--------------|--|----------|----------|--------|---------------|-----------|-------|---------|------------------|-------------|------|
|              |  |          | Value    | Range  | Rob Mean      | Robust SD | R-bar | # Tests |                  |             |      |
| 539          | Nickel (ppm)   | 0171     | 36,879   | 73,742 |               |           |       | 3       | 539.41           | 2           |      |
| 710          | Lauric Acid (12:0) (%) (w/w)                               | 2124     | 0.0100   | 0.0000 |               |           |       | 1       | 710.99           | 0           |      |
| 714          | Myristic Acid (14:0) (%) (w/w)                             | 2124     | < 0.01   |        |               |           |       | 0       | 714.99           | 5           |      |
| 716          | Palmitic Acid (16:0) (%) (w/w)                             | 2124     | 0.2850   | 0.0100 |               |           |       | 1       | 716.99           | 0           |      |
| 718          | Palmitoleic Acid (9c-16:1) (%) (w/w)                       | 2124     | < 0.01   |        |               |           |       | 0       | 718.99           | 5           |      |
| 722          | Stearic Acid (18:0) (%) (w/w)                              | 2124     | 0.0300   | 0.0000 |               |           |       | 1       | 722.99           | 0           |      |
| 724          | Oleic Acid (9c-18:1) (%) (w/w)                             | 2124     | 0.1300   | 0.0000 |               |           |       | 1       | 724.99           | 0           |      |
| 726          | Linoleic Acid (9c,12c-18:2) (%) (w/w)                      | 2124     | 0.8450   | 0.0100 |               |           |       | 1       | 726.99           | 0           |      |
| 728          | alpha-Linolenic Acid (9c,12c,15c-18:3) (%) (w/w)           | 2124     | 0.2250   | 0.0100 |               |           |       | 1       | 728.99           | 0           |      |
| 740          | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c) (%) (w/w)    | 2124     | < 0.01   |        |               |           |       | 0       | 740.99           | 5           |      |
| 750          | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c) (%) (w/w) | 2124     | < 0.01   |        |               |           |       | 0       | 750.99           | 5           |      |
| 754          | Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%) (w/w)  | 2124     | 0.2350   | 0.0100 |               |           |       | 1       | 754.99           | 0           |      |
| 756          | Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%) (w/w)  | 2124     | 0.8500   | 0.0000 |               |           |       | 1       | 756.99           | 0           |      |
| 772          | Total Fatty Acids (%) (w/w)                                | 2124     | 1.545    | 0.0100 |               |           |       | 1       | 772.99           | 0           |      |

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 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). Flag 3 indicates not used in statistics.