



Soybean Hulls

Pet Food Ingredient Scheme

Labs Reporting: 56

Test Material Code # 201941

Analyte Proficiency Testing Report

Issue Date : 03/31/2019

| 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 | | | |
| 000 | Urea (%) | 0619 | 0.0965 | 0.0130 | | | | 1 | | 000.99 | 0 |
| 001 | Loss on Drying (%) | 2155 | 7.290 | 0.3600 | 8.672 | 0.3856 | 0.1523 | 27 | -3.58 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 0845 | 7.790 | 0.3600 | 8.672 | 0.3856 | 0.1523 | 27 | -2.29 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0918 | 8.160 | 0.2200 | 8.672 | 0.3856 | 0.1523 | 27 | -1.33 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 2115 | 8.265 | 0.0100 | 8.672 | 0.3856 | 0.1523 | 27 | -1.06 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 0889 | 8.350 | 0.0000 | 8.672 | 0.3856 | 0.1523 | 27 | -0.84 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 0504 | 8.355 | 0.0700 | 8.672 | 0.3856 | 0.1523 | 27 | -0.82 | 001.00 | 0 |
| 001 | Loss on Drying (%) | 0309 | 8.437 | 0.1380 | 8.672 | 0.3856 | 0.1523 | 27 | -0.61 | 001.00 | 0 |
| 001 | Loss on Drying (%) | 0619 | 8.445 | 0.1700 | 8.672 | 0.3856 | 0.1523 | 27 | -0.59 | 001.03 | 0 |
| 001 | Loss on Drying (%) | 0027 | 8.459 | 0.0140 | 8.672 | 0.3856 | 0.1523 | 27 | -0.55 | 001.00 | 0 |
| 001 | Loss on Drying (%) | 0034 | 8.495 | 0.5500 | 8.672 | 0.3856 | 0.1523 | 27 | -0.46 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 0074 | 8.500 | 0.0000 | 8.672 | 0.3856 | 0.1523 | 27 | -0.45 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0510 | 8.500 | 0.0000 | 8.672 | 0.3856 | 0.1523 | 27 | -0.45 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 0656 | 8.550 | 0.2000 | 8.672 | 0.3856 | 0.1523 | 27 | -0.32 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 2156 | 8.775 | 0.1300 | 8.672 | 0.3856 | 0.1523 | 27 | 0.27 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 2124 | 8.780 | 0.4200 | 8.672 | 0.3856 | 0.1523 | 27 | 0.28 | 001.03 | 0 |
| 001 | Loss on Drying (%) | 2187 | 8.810 | 0.0200 | 8.672 | 0.3856 | 0.1523 | 27 | 0.36 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0876 | 8.857 | 0.0520 | 8.672 | 0.3856 | 0.1523 | 27 | 0.48 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0019 | 8.910 | 0.4400 | 8.672 | 0.3856 | 0.1523 | 27 | 0.62 | 001.99 | 0 |
| 001 | Loss on Drying (%) | 2252 | 8.925 | 0.3900 | 8.672 | 0.3856 | 0.1523 | 27 | 0.66 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0171 | 8.940 | 0.0200 | 8.672 | 0.3856 | 0.1523 | 27 | 0.69 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 2219 | 8.965 | 0.0900 | 8.672 | 0.3856 | 0.1523 | 27 | 0.76 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 2220 | 8.970 | 0.2200 | 8.672 | 0.3856 | 0.1523 | 27 | 0.77 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0065 | 8.973 | 0.1333 | 8.672 | 0.3856 | 0.1523 | 27 | 0.78 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0407 | 9.008 | 0.0038 | 8.672 | 0.3856 | 0.1523 | 27 | 0.87 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0098 | 9.035 | 0.0300 | 8.672 | 0.3856 | 0.1523 | 27 | 0.94 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0529 | 9.455 | 0.0100 | 8.672 | 0.3856 | 0.1523 | 27 | 2.03 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0873 | 10.41 | 0.0600 | 8.672 | 0.3856 | 0.1523 | 27 | 4.51 | 001.07 | 0 |
| 001 | Loss on Drying (%) | 0019 | 8.150 | 1.100 | 8.672 | 0.3856 | 0.1523 | 27 | -1.35 | 001.07 | 1 |
| 002 | Protein, Crude (%) | 0873 | 8.005 | 0.1500 | 10.20 | 0.3346 | 0.1800 | 58 | -6.56 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0529 | 9.485 | 0.2700 | 10.20 | 0.3346 | 0.1800 | 58 | -2.13 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0845 | 9.565 | 0.1500 | 10.20 | 0.3346 | 0.1800 | 58 | -1.90 | 002.00 | 0 |
| 002 | Protein, Crude (%) | 0914 | 9.680 | 0.2600 | 10.20 | 0.3346 | 0.1800 | 58 | -1.55 | 002.01 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 002 | Protein, Crude (%) | 0889 | 9.690 | 0.1400 | 10.20 | 0.3346 | 0.1800 | 58 | -1.52 | 002.11 | 0 |
| 002 | Protein, Crude (%) | 0870 | 9.740 | 0.0950 | 10.20 | 0.3346 | 0.1800 | 58 | -1.37 | 002.01 | 0 |
| 002 | Protein, Crude (%) | 0047 | 9.830 | 0.1400 | 10.20 | 0.3346 | 0.1800 | 58 | -1.10 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2124 | 9.835 | 0.0300 | 10.20 | 0.3346 | 0.1800 | 58 | -1.09 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2058 | 9.875 | 0.1300 | 10.20 | 0.3346 | 0.1800 | 58 | -0.97 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2169 | 9.880 | 0.0600 | 10.20 | 0.3346 | 0.1800 | 58 | -0.95 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2058 | 9.890 | 0.1200 | 10.20 | 0.3346 | 0.1800 | 58 | -0.92 | 002.05 | 0 |
| 002 | Protein, Crude (%) | 0619 | 9.890 | 0.0400 | 10.20 | 0.3346 | 0.1800 | 58 | -0.92 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2220 | 9.895 | 0.1100 | 10.20 | 0.3346 | 0.1800 | 58 | -0.91 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0619 | 9.905 | 0.0300 | 10.20 | 0.3346 | 0.1800 | 58 | -0.88 | 002.01 | 0 |
| 002 | Protein, Crude (%) | 0098 | 9.940 | 0.3200 | 10.20 | 0.3346 | 0.1800 | 58 | -0.77 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0065 | 9.941 | 0.0622 | 10.20 | 0.3346 | 0.1800 | 58 | -0.77 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0870 | 10.02 | 0.0600 | 10.20 | 0.3346 | 0.1800 | 58 | -0.54 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0074 | 10.05 | 0.0700 | 10.20 | 0.3346 | 0.1800 | 58 | -0.46 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0964 | 10.05 | 0.0600 | 10.20 | 0.3346 | 0.1800 | 58 | -0.45 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0504 | 10.08 | 0.0500 | 10.20 | 0.3346 | 0.1800 | 58 | -0.37 | 002.04 | 0 |
| 002 | Protein, Crude (%) | 2115 | 10.08 | 0.0200 | 10.20 | 0.3346 | 0.1800 | 58 | -0.36 | 002.05 | 0 |
| 002 | Protein, Crude (%) | 0208 | 10.10 | 0.0000 | 10.20 | 0.3346 | 0.1800 | 58 | -0.30 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0171 | 10.12 | 0.0800 | 10.20 | 0.3346 | 0.1800 | 58 | -0.24 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0164 | 10.13 | 0.2500 | 10.20 | 0.3346 | 0.1800 | 58 | -0.22 | 002.01 | 0 |
| 002 | Protein, Crude (%) | 2122 | 10.13 | 0.0000 | 10.20 | 0.3346 | 0.1800 | 58 | -0.21 | 002.04 | 0 |
| 002 | Protein, Crude (%) | 0918 | 10.17 | 0.5100 | 10.20 | 0.3346 | 0.1800 | 58 | -0.10 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0051 | 10.21 | 0.5900 | 10.20 | 0.3346 | 0.1800 | 58 | 0.02 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2162 | 10.21 | 0.0900 | 10.20 | 0.3346 | 0.1800 | 58 | 0.02 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2187 | 10.22 | 0.0300 | 10.20 | 0.3346 | 0.1800 | 58 | 0.05 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0164 | 10.22 | 0.1800 | 10.20 | 0.3346 | 0.1800 | 58 | 0.06 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0202 | 10.25 | 0.0940 | 10.20 | 0.3346 | 0.1800 | 58 | 0.14 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0504 | 10.27 | 0.3200 | 10.20 | 0.3346 | 0.1800 | 58 | 0.21 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0957 | 10.27 | 0.4600 | 10.20 | 0.3346 | 0.1800 | 58 | 0.21 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2156 | 10.30 | 0.6200 | 10.20 | 0.3346 | 0.1800 | 58 | 0.30 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0889 | 10.31 | 0.0000 | 10.20 | 0.3346 | 0.1800 | 58 | 0.33 | 002.01 | 0 |
| 002 | Protein, Crude (%) | 2219 | 10.34 | 0.6900 | 10.20 | 0.3346 | 0.1800 | 58 | 0.41 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2252 | 10.34 | 0.5660 | 10.20 | 0.3346 | 0.1800 | 58 | 0.43 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2207 | 10.35 | 0.1000 | 10.20 | 0.3346 | 0.1800 | 58 | 0.45 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2016 | 10.37 | 0.1200 | 10.20 | 0.3346 | 0.1800 | 58 | 0.51 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2050 | 10.37 | 0.1000 | 10.20 | 0.3346 | 0.1800 | 58 | 0.51 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0309 | 10.37 | 0.1569 | 10.20 | 0.3346 | 0.1800 | 58 | 0.51 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0876 | 10.38 | 0.2000 | 10.20 | 0.3346 | 0.1800 | 58 | 0.54 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0958 | 10.39 | 0.1800 | 10.20 | 0.3346 | 0.1800 | 58 | 0.57 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2033 | 10.42 | 0.1400 | 10.20 | 0.3346 | 0.1800 | 58 | 0.66 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0242 | 10.44 | 0.0700 | 10.20 | 0.3346 | 0.1800 | 58 | 0.70 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0510 | 10.45 | 0.1000 | 10.20 | 0.3346 | 0.1800 | 58 | 0.75 | 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 (%) | 0027 | 10.45 | 0.0920 | 10.20 | 0.3346 | 0.1800 | 58 | 0.75 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0553 | 10.46 | 0.1400 | 10.20 | 0.3346 | 0.1800 | 58 | 0.78 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0407 | 10.49 | 0.3730 | 10.20 | 0.3346 | 0.1800 | 58 | 0.87 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2184 | 10.50 | 0.0800 | 10.20 | 0.3346 | 0.1800 | 58 | 0.90 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0554 | 10.52 | 0.1100 | 10.20 | 0.3346 | 0.1800 | 58 | 0.94 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0019 | 10.58 | 0.6500 | 10.20 | 0.3346 | 0.1800 | 58 | 1.12 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0511 | 10.63 | 0.0800 | 10.20 | 0.3346 | 0.1800 | 58 | 1.29 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2089 | 10.66 | 0.3400 | 10.20 | 0.3346 | 0.1800 | 58 | 1.38 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0001 | 10.72 | 0.0000 | 10.20 | 0.3346 | 0.1800 | 58 | 1.56 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0034 | 10.78 | 0.0310 | 10.20 | 0.3346 | 0.1800 | 58 | 1.73 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0656 | 10.79 | 0.2800 | 10.20 | 0.3346 | 0.1800 | 58 | 1.77 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 0650 | 12.46 | 0.2500 | 10.20 | 0.3346 | 0.1800 | 58 | 6.74 | 002.06 | 0 |
| 002 | Protein, Crude (%) | 2155 | 10.08 | 0.9780 | 10.20 | 0.3346 | 0.1800 | 58 | -0.37 | 002.06 | 1 |
| 003 | Fat, Crude (%) | 2156 | 0.5300 | 0.6000 | 1.082 | 0.2501 | 0.1297 | 36 | -2.21 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 2219 | 0.6150 | 0.1900 | 1.082 | 0.2501 | 0.1297 | 36 | -1.87 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 2252 | 0.6200 | 0.3600 | 1.082 | 0.2501 | 0.1297 | 36 | -1.85 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 0889 | 0.7400 | 0.0400 | 1.082 | 0.2501 | 0.1297 | 36 | -1.37 | 003.11 | 0 |
| 003 | Fat, Crude (%) | 0529 | 0.8200 | 0.2200 | 1.082 | 0.2501 | 0.1297 | 36 | -1.05 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 2220 | 0.8300 | 0.0600 | 1.082 | 0.2501 | 0.1297 | 36 | -1.01 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 0407 | 0.8504 | 0.0322 | 1.082 | 0.2501 | 0.1297 | 36 | -0.93 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 2033 | 0.9300 | 0.0400 | 1.082 | 0.2501 | 0.1297 | 36 | -0.61 | 003.06 | 0 |
| 003 | Fat, Crude (%) | 0242 | 0.9300 | 0.1000 | 1.082 | 0.2501 | 0.1297 | 36 | -0.61 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 0019 | 0.9500 | 0.1600 | 1.082 | 0.2501 | 0.1297 | 36 | -0.53 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 0876 | 0.9860 | 0.2160 | 1.082 | 0.2501 | 0.1297 | 36 | -0.38 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 2207 | 1.000 | 0.0000 | 1.082 | 0.2501 | 0.1297 | 36 | -0.33 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 0553 | 1.025 | 0.0900 | 1.082 | 0.2501 | 0.1297 | 36 | -0.23 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 2184 | 1.025 | 0.0100 | 1.082 | 0.2501 | 0.1297 | 36 | -0.23 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 0202 | 1.028 | 0.0560 | 1.082 | 0.2501 | 0.1297 | 36 | -0.22 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 0034 | 1.045 | 0.2300 | 1.082 | 0.2501 | 0.1297 | 36 | -0.15 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 0051 | 1.050 | 0.1000 | 1.082 | 0.2501 | 0.1297 | 36 | -0.13 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 2115 | 1.060 | 0.0400 | 1.082 | 0.2501 | 0.1297 | 36 | -0.09 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 2155 | 1.065 | 0.0900 | 1.082 | 0.2501 | 0.1297 | 36 | -0.07 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 0098 | 1.080 | 0.0200 | 1.082 | 0.2501 | 0.1297 | 36 | -0.01 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 0870 | 1.118 | 0.0555 | 1.082 | 0.2501 | 0.1297 | 36 | 0.14 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 2162 | 1.120 | 0.0600 | 1.082 | 0.2501 | 0.1297 | 36 | 0.15 | 003.10 | 0 |
| 003 | Fat, Crude (%) | 0171 | 1.130 | 0.0200 | 1.082 | 0.2501 | 0.1297 | 36 | 0.19 | 003.12 | 0 |
| 003 | Fat, Crude (%) | 2115 | 1.135 | 0.0300 | 1.082 | 0.2501 | 0.1297 | 36 | 0.21 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 0656 | 1.140 | 0.1400 | 1.082 | 0.2501 | 0.1297 | 36 | 0.23 | 003.06 | 0 |
| 003 | Fat, Crude (%) | 0098 | 1.155 | 0.0300 | 1.082 | 0.2501 | 0.1297 | 36 | 0.29 | 003.13 | 0 |
| 003 | Fat, Crude (%) | 0027 | 1.195 | 0.0630 | 1.082 | 0.2501 | 0.1297 | 36 | 0.45 | 003.09 | 0 |
| 003 | Fat, Crude (%) | 0870 | 1.275 | 0.0585 | 1.082 | 0.2501 | 0.1297 | 36 | 0.77 | 003.09 | 0 |
| 003 | Fat, Crude (%) | 0098 | 1.290 | 0.0200 | 1.082 | 0.2501 | 0.1297 | 36 | 0.83 | 003.09 | 0 |

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|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|------------------|-------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | | | |
| 003 | Fat, Crude (%) | 0870 | 1.291 | 0.0427 | 1.082 | 0.2501 | 0.1297 | 36 | 0.84 | 003.13 | 0 |
| 003 | Fat, Crude (%) | 0511 | 1.370 | 0.7000 | 1.082 | 0.2501 | 0.1297 | 36 | 1.15 | 003.06 | 0 |
| 003 | Fat, Crude (%) | 2058 | 1.375 | 0.0700 | 1.082 | 0.2501 | 0.1297 | 36 | 1.17 | 003.12 | 0 |
| 003 | Fat, Crude (%) | 0504 | 1.495 | 0.0900 | 1.082 | 0.2501 | 0.1297 | 36 | 1.65 | 003.01 | 0 |
| 003 | Fat, Crude (%) | 0309 | 1.572 | 0.4335 | 1.082 | 0.2501 | 0.1297 | 36 | 1.96 | 003.00 | 0 |
| 003 | Fat, Crude (%) | 0918 | 1.575 | 0.0900 | 1.082 | 0.2501 | 0.1297 | 36 | 1.97 | 003.06 | 0 |
| 003 | Fat, Crude (%) | 0619 | 1.715 | 0.1100 | 1.082 | 0.2501 | 0.1297 | 36 | 2.53 | 003.14 | 0 |
| 003 | Fat, Crude (%) | 0889 | 1.165 | 1.230 | 1.082 | 0.2501 | 0.1297 | 36 | 0.33 | 003.10 | 1 |
| 003 | Fat, Crude (%) | 2089 | 1.685 | 1.270 | 1.082 | 0.2501 | 0.1297 | 36 | 2.41 | 003.13 | 1 |
| 004 | Fiber, Crude (%) | 2089 | 32.03 | 0.2100 | 36.75 | 1.208 | 0.3179 | 29 | -3.91 | 004.03 | 0 |
| 004 | Fiber, Crude (%) | 0889 | 32.41 | 0.0500 | 36.75 | 1.208 | 0.3179 | 29 | -3.59 | 004.11 | 0 |
| 004 | Fiber, Crude (%) | 0202 | 34.40 | 0.0690 | 36.75 | 1.208 | 0.3179 | 29 | -1.95 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 2115 | 35.30 | 0.2500 | 36.75 | 1.208 | 0.3179 | 29 | -1.20 | 004.06 | 0 |
| 004 | Fiber, Crude (%) | 2115 | 35.48 | 0.1300 | 36.75 | 1.208 | 0.3179 | 29 | -1.05 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 2033 | 35.55 | 0.3000 | 36.75 | 1.208 | 0.3179 | 29 | -0.99 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0242 | 36.18 | 0.4300 | 36.75 | 1.208 | 0.3179 | 29 | -0.47 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0208 | 36.20 | 0.4000 | 36.75 | 1.208 | 0.3179 | 29 | -0.45 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0510 | 36.20 | 0.2000 | 36.75 | 1.208 | 0.3179 | 29 | -0.45 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0027 | 36.30 | 0.1050 | 36.75 | 1.208 | 0.3179 | 29 | -0.37 | 004.06 | 0 |
| 004 | Fiber, Crude (%) | 0407 | 36.38 | 0.1240 | 36.75 | 1.208 | 0.3179 | 29 | -0.30 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0164 | 36.50 | 0.4000 | 36.75 | 1.208 | 0.3179 | 29 | -0.20 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0171 | 36.57 | 0.0100 | 36.75 | 1.208 | 0.3179 | 29 | -0.15 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0619 | 36.70 | 0.2000 | 36.75 | 1.208 | 0.3179 | 29 | -0.04 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0870 | 36.82 | 0.4540 | 36.75 | 1.208 | 0.3179 | 29 | 0.06 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 2124 | 36.89 | 0.0700 | 36.75 | 1.208 | 0.3179 | 29 | 0.11 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0309 | 36.93 | 0.3755 | 36.75 | 1.208 | 0.3179 | 29 | 0.15 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0034 | 36.94 | 0.2100 | 36.75 | 1.208 | 0.3179 | 29 | 0.16 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0876 | 37.15 | 0.0220 | 36.75 | 1.208 | 0.3179 | 29 | 0.33 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0918 | 37.36 | 0.4100 | 36.75 | 1.208 | 0.3179 | 29 | 0.50 | 004.06 | 0 |
| 004 | Fiber, Crude (%) | 0019 | 37.39 | 0.5900 | 36.75 | 1.208 | 0.3179 | 29 | 0.53 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0845 | 37.42 | 0.1700 | 36.75 | 1.208 | 0.3179 | 29 | 0.55 | 004.06 | 0 |
| 004 | Fiber, Crude (%) | 0074 | 37.51 | 0.4700 | 36.75 | 1.208 | 0.3179 | 29 | 0.63 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 2058 | 37.57 | 0.0000 | 36.75 | 1.208 | 0.3179 | 29 | 0.68 | 004.03 | 0 |
| 004 | Fiber, Crude (%) | 2207 | 37.90 | 0.0000 | 36.75 | 1.208 | 0.3179 | 29 | 0.95 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0504 | 37.99 | 0.1400 | 36.75 | 1.208 | 0.3179 | 29 | 1.03 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0529 | 39.91 | 1.860 | 36.75 | 1.208 | 0.3179 | 29 | 2.62 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 2165 | 40.28 | 0.8100 | 36.75 | 1.208 | 0.3179 | 29 | 2.92 | 004.00 | 0 |
| 004 | Fiber, Crude (%) | 0656 | 40.38 | 0.7600 | 36.75 | 1.208 | 0.3179 | 29 | 3.01 | 004.07 | 0 |
| 004 | Fiber, Crude (%) | 0511 | 37.65 | 2.900 | 36.75 | 1.208 | 0.3179 | 29 | 0.75 | 004.00 | 1 |
| 005 | Ash (%) | 0889 | 4.150 | 0.1800 | 4.475 | 0.1182 | 0.0590 | 48 | -2.74 | 005.11 | 0 |
| 005 | Ash (%) | 0510 | 4.180 | 0.0600 | 4.475 | 0.1182 | 0.0590 | 48 | -2.49 | 005.00 | 0 |
| 005 | Ash (%) | 0034 | 4.185 | 0.3321 | 4.475 | 0.1182 | 0.0590 | 48 | -2.45 | 005.00 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 005 | Ash (%) | 2184 | 4.205 | 0.1100 | 4.475 | 0.1182 | 0.0590 | 48 | -2.28 | 005.00 | 0 |
| 005 | Ash (%) | 2162 | 4.240 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | -1.98 | 005.00 | 0 |
| 005 | Ash (%) | 2169 | 4.300 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | -1.48 | 005.99 | 0 |
| 005 | Ash (%) | 0957 | 4.320 | 0.1400 | 4.475 | 0.1182 | 0.0590 | 48 | -1.31 | 005.00 | 0 |
| 005 | Ash (%) | 0918 | 4.345 | 0.0100 | 4.475 | 0.1182 | 0.0590 | 48 | -1.10 | 005.00 | 0 |
| 005 | Ash (%) | 0202 | 4.365 | 0.0360 | 4.475 | 0.1182 | 0.0590 | 48 | -0.93 | 005.99 | 0 |
| 005 | Ash (%) | 0964 | 4.376 | 0.0450 | 4.475 | 0.1182 | 0.0590 | 48 | -0.84 | 005.00 | 0 |
| 005 | Ash (%) | 0650 | 4.400 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | -0.63 | 005.00 | 0 |
| 005 | Ash (%) | 0208 | 4.405 | 0.1700 | 4.475 | 0.1182 | 0.0590 | 48 | -0.59 | 005.00 | 0 |
| 005 | Ash (%) | 2252 | 4.410 | 0.0000 | 4.475 | 0.1182 | 0.0590 | 48 | -0.55 | 005.00 | 0 |
| 005 | Ash (%) | 0511 | 4.435 | 0.0100 | 4.475 | 0.1182 | 0.0590 | 48 | -0.33 | 005.00 | 0 |
| 005 | Ash (%) | 0656 | 4.450 | 0.1400 | 4.475 | 0.1182 | 0.0590 | 48 | -0.21 | 005.00 | 0 |
| 005 | Ash (%) | 0047 | 4.450 | 0.1000 | 4.475 | 0.1182 | 0.0590 | 48 | -0.21 | 005.00 | 0 |
| 005 | Ash (%) | 0051 | 4.450 | 0.1000 | 4.475 | 0.1182 | 0.0590 | 48 | -0.21 | 005.00 | 0 |
| 005 | Ash (%) | 0958 | 4.450 | 0.0000 | 4.475 | 0.1182 | 0.0590 | 48 | -0.21 | 005.00 | 0 |
| 005 | Ash (%) | 2033 | 4.450 | 0.1000 | 4.475 | 0.1182 | 0.0590 | 48 | -0.21 | 005.00 | 0 |
| 005 | Ash (%) | 0870 | 4.452 | 0.0340 | 4.475 | 0.1182 | 0.0590 | 48 | -0.19 | 005.00 | 0 |
| 005 | Ash (%) | 2156 | 4.455 | 0.0300 | 4.475 | 0.1182 | 0.0590 | 48 | -0.17 | 005.00 | 0 |
| 005 | Ash (%) | 0027 | 4.468 | 0.0060 | 4.475 | 0.1182 | 0.0590 | 48 | -0.06 | 005.00 | 0 |
| 005 | Ash (%) | 2016 | 4.470 | 0.0200 | 4.475 | 0.1182 | 0.0590 | 48 | -0.04 | 005.00 | 0 |
| 005 | Ash (%) | 2207 | 4.470 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | -0.04 | 005.00 | 0 |
| 005 | Ash (%) | 0889 | 4.480 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | 0.05 | 005.05 | 0 |
| 005 | Ash (%) | 0098 | 4.495 | 0.0500 | 4.475 | 0.1182 | 0.0590 | 48 | 0.17 | 005.00 | 0 |
| 005 | Ash (%) | 2220 | 4.495 | 0.0300 | 4.475 | 0.1182 | 0.0590 | 48 | 0.17 | 005.00 | 0 |
| 005 | Ash (%) | 0019 | 4.500 | 0.0000 | 4.475 | 0.1182 | 0.0590 | 48 | 0.22 | 005.00 | 0 |
| 005 | Ash (%) | 2187 | 4.500 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | 0.22 | 005.03 | 0 |
| 005 | Ash (%) | 0001 | 4.502 | 0.0041 | 4.475 | 0.1182 | 0.0590 | 48 | 0.24 | 005.00 | 0 |
| 005 | Ash (%) | 0309 | 4.505 | 0.0300 | 4.475 | 0.1182 | 0.0590 | 48 | 0.26 | 005.00 | 0 |
| 005 | Ash (%) | 0845 | 4.515 | 0.0900 | 4.475 | 0.1182 | 0.0590 | 48 | 0.34 | 005.00 | 0 |
| 005 | Ash (%) | 0164 | 4.515 | 0.0300 | 4.475 | 0.1182 | 0.0590 | 48 | 0.34 | 005.00 | 0 |
| 005 | Ash (%) | 0065 | 4.527 | 0.0067 | 4.475 | 0.1182 | 0.0590 | 48 | 0.44 | 005.05 | 0 |
| 005 | Ash (%) | 2058 | 4.535 | 0.0100 | 4.475 | 0.1182 | 0.0590 | 48 | 0.51 | 005.05 | 0 |
| 005 | Ash (%) | 2219 | 4.540 | 0.0000 | 4.475 | 0.1182 | 0.0590 | 48 | 0.55 | 005.00 | 0 |
| 005 | Ash (%) | 0407 | 4.548 | 0.0041 | 4.475 | 0.1182 | 0.0590 | 48 | 0.63 | 005.00 | 0 |
| 005 | Ash (%) | 2115 | 4.550 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | 0.64 | 005.00 | 0 |
| 005 | Ash (%) | 0529 | 4.555 | 0.0300 | 4.475 | 0.1182 | 0.0590 | 48 | 0.68 | 005.00 | 0 |
| 005 | Ash (%) | 0171 | 4.580 | 0.0400 | 4.475 | 0.1182 | 0.0590 | 48 | 0.89 | 005.00 | 0 |
| 005 | Ash (%) | 2050 | 4.595 | 0.0900 | 4.475 | 0.1182 | 0.0590 | 48 | 1.02 | 005.05 | 0 |
| 005 | Ash (%) | 0504 | 4.605 | 0.0700 | 4.475 | 0.1182 | 0.0590 | 48 | 1.10 | 005.00 | 0 |
| 005 | Ash (%) | 2089 | 4.605 | 0.0700 | 4.475 | 0.1182 | 0.0590 | 48 | 1.10 | 005.00 | 0 |
| 005 | Ash (%) | 0876 | 4.620 | 0.0030 | 4.475 | 0.1182 | 0.0590 | 48 | 1.23 | 005.00 | 0 |
| 005 | Ash (%) | 0914 | 4.650 | 0.0200 | 4.475 | 0.1182 | 0.0590 | 48 | 1.48 | 005.00 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|------------------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 005 | Ash (%) | 2124 | 4.650 | 0.0600 | 4.475 | 0.1182 | 0.0590 | 48 | 1.48 | 005.00 | 0 |
| 005 | Ash (%) | 0619 | 4.815 | 0.0100 | 4.475 | 0.1182 | 0.0590 | 48 | 2.88 | 005.05 | 0 |
| 005 | Ash (%) | 0242 | 4.890 | 0.2800 | 4.475 | 0.1182 | 0.0590 | 48 | 3.51 | 005.00 | 0 |
| 005 | Ash (%) | 0873 | 2.665 | 0.4300 | 4.475 | 0.1182 | 0.0590 | 48 | -15.30 | 005.00 | 2 |
| 006 | Total Sugars (%) | 0407 | 2.177 | 0.0740 | | | | 1 | | 006.00 | 0 |
| 007 | Urease (%) | 0529 | 0.2850 | 0.0100 | | | | 1 | | 007.00 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0870 | 42.90 | 0.4900 | 45.45 | 1.407 | 0.8292 | 11 | -1.81 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 2115 | 44.21 | 0.3300 | 45.45 | 1.407 | 0.8292 | 11 | -0.88 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0504 | 44.41 | 0.4200 | 45.45 | 1.407 | 0.8292 | 11 | -0.74 | 008.02 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0619 | 45.00 | 0.4000 | 45.45 | 1.407 | 0.8292 | 11 | -0.32 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0918 | 45.34 | 2.310 | 45.45 | 1.407 | 0.8292 | 11 | -0.08 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0309 | 45.40 | 1.040 | 45.45 | 1.407 | 0.8292 | 11 | -0.04 | 008.02 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0407 | 45.43 | 0.2606 | 45.45 | 1.407 | 0.8292 | 11 | -0.01 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0001 | 45.69 | 0.0000 | 45.45 | 1.407 | 0.8292 | 11 | 0.17 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0164 | 46.55 | 0.1000 | 45.45 | 1.407 | 0.8292 | 11 | 0.78 | 008.08 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0511 | 47.10 | 3.600 | 45.45 | 1.407 | 0.8292 | 11 | 1.17 | 008.99 | 0 |
| 008 | Fiber, Acid Detergent (%) | 0964 | 47.47 | 0.1710 | 45.45 | 1.407 | 0.8292 | 11 | 1.44 | 008.02 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0001 | 58.87 | 0.2500 | 60.26 | 1.394 | 0.6045 | 11 | -1.00 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0889 | 59.02 | 0.1000 | 60.26 | 1.394 | 0.6045 | 11 | -0.89 | 009.99 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0619 | 59.15 | 0.5000 | 60.26 | 1.394 | 0.6045 | 11 | -0.80 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0870 | 59.21 | 0.0300 | 60.26 | 1.394 | 0.6045 | 11 | -0.76 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 2115 | 59.38 | 0.0800 | 60.26 | 1.394 | 0.6045 | 11 | -0.63 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0504 | 59.95 | 0.0400 | 60.26 | 1.394 | 0.6045 | 11 | -0.22 | 009.04 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0918 | 60.90 | 1.307 | 60.26 | 1.394 | 0.6045 | 11 | 0.46 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0964 | 61.22 | 1.547 | 60.26 | 1.394 | 0.6045 | 11 | 0.69 | 009.07 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0164 | 61.25 | 0.3000 | 60.26 | 1.394 | 0.6045 | 11 | 0.71 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0407 | 61.58 | 0.3456 | 60.26 | 1.394 | 0.6045 | 11 | 0.94 | 009.09 | 0 |
| 009 | Fiber, Neutral Detergent (%) | 0309 | 65.79 | 2.150 | 60.26 | 1.394 | 0.6045 | 11 | 3.97 | 009.07 | 0 |
| 010 | Moisture (%) | 0889 | 8.730 | 0.0200 | 9.098 | 0.4882 | 0.1690 | 5 | | 010.11 | 0 |
| 010 | Moisture (%) | 0964 | 8.777 | 0.0950 | 9.098 | 0.4882 | 0.1690 | 5 | | 010.99 | 0 |
| 010 | Moisture (%) | 2089 | 8.830 | 0.0200 | 9.098 | 0.4882 | 0.1690 | 5 | | 010.99 | 0 |
| 010 | Moisture (%) | 0914 | 9.275 | 0.4100 | 9.098 | 0.4882 | 0.1690 | 5 | | 010.99 | 0 |
| 010 | Moisture (%) | 2169 | 9.880 | 0.3000 | 9.098 | 0.4882 | 0.1690 | 5 | | 010.99 | 0 |
| 011 | Loss on Drying (%) | 0554 | 8.155 | 0.0300 | 9.280 | 0.2287 | 0.1353 | 23 | -4.92 | 011.02 | 0 |
| 011 | Loss on Drying (%) | 2016 | 8.695 | 0.2300 | 9.280 | 0.2287 | 0.1353 | 23 | -2.56 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0309 | 8.940 | 0.0400 | 9.280 | 0.2287 | 0.1353 | 23 | -1.49 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 2207 | 9.000 | 0.0000 | 9.280 | 0.2287 | 0.1353 | 23 | -1.23 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 2033 | 9.010 | 0.0200 | 9.280 | 0.2287 | 0.1353 | 23 | -1.18 | 011.02 | 0 |
| 011 | Loss on Drying (%) | 0208 | 9.100 | 0.2800 | 9.280 | 0.2287 | 0.1353 | 23 | -0.79 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0511 | 9.195 | 0.2900 | 9.280 | 0.2287 | 0.1353 | 23 | -0.37 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0957 | 9.255 | 0.5700 | 9.280 | 0.2287 | 0.1353 | 23 | -0.11 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0958 | 9.260 | 0.0200 | 9.280 | 0.2287 | 0.1353 | 23 | -0.09 | 011.01 | 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 | | | |
| 011 | Loss on Drying (%) | 0510 | 9.300 | 0.0000 | 9.280 | 0.2287 | 0.1353 | 23 | 0.09 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0051 | 9.320 | 0.1800 | 9.280 | 0.2287 | 0.1353 | 23 | 0.17 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0242 | 9.330 | 0.0200 | 9.280 | 0.2287 | 0.1353 | 23 | 0.22 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 2162 | 9.345 | 0.5500 | 9.280 | 0.2287 | 0.1353 | 23 | 0.28 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0047 | 9.350 | 0.1000 | 9.280 | 0.2287 | 0.1353 | 23 | 0.30 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0202 | 9.400 | 0.2620 | 9.280 | 0.2287 | 0.1353 | 23 | 0.52 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0171 | 9.405 | 0.0100 | 9.280 | 0.2287 | 0.1353 | 23 | 0.55 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0098 | 9.425 | 0.1700 | 9.280 | 0.2287 | 0.1353 | 23 | 0.63 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0407 | 9.427 | 0.0000 | 9.280 | 0.2287 | 0.1353 | 23 | 0.64 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 2058 | 9.440 | 0.0200 | 9.280 | 0.2287 | 0.1353 | 23 | 0.70 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0164 | 9.440 | 0.0600 | 9.280 | 0.2287 | 0.1353 | 23 | 0.70 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0870 | 9.475 | 0.0700 | 9.280 | 0.2287 | 0.1353 | 23 | 0.85 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 0650 | 9.570 | 0.0800 | 9.280 | 0.2287 | 0.1353 | 23 | 1.27 | 011.01 | 0 |
| 011 | Loss on Drying (%) | 2184 | 9.585 | 0.1100 | 9.280 | 0.2287 | 0.1353 | 23 | 1.33 | 011.01 | 0 |
| 012 | Starch (%) | 0407 | 0.1900 | 0.1200 | 0.9124 | 1.016 | 0.1114 | 9 | -0.71 | 012.03 | 0 |
| 012 | Starch (%) | 0164 | 0.2000 | 0.0000 | 0.9124 | 1.016 | 0.1114 | 9 | -0.70 | 012.01 | 0 |
| 012 | Starch (%) | 2124 | 0.3000 | 0.0000 | 0.9124 | 1.016 | 0.1114 | 9 | -0.60 | 012.03 | 0 |
| 012 | Starch (%) | 0870 | 0.3911 | 0.0188 | 0.9124 | 1.016 | 0.1114 | 9 | -0.51 | 012.01 | 0 |
| 012 | Starch (%) | 0889 | 0.6300 | 0.0200 | 0.9124 | 1.016 | 0.1114 | 9 | -0.28 | 012.03 | 0 |
| 012 | Starch (%) | 0918 | 0.8090 | 0.0640 | 0.9124 | 1.016 | 0.1114 | 9 | -0.10 | 012.01 | 0 |
| 012 | Starch (%) | 2089 | 0.8200 | 0.0000 | 0.9124 | 1.016 | 0.1114 | 9 | -0.09 | 012.01 | 0 |
| 012 | Starch (%) | 0889 | 3.480 | 0.4600 | 0.9124 | 1.016 | 0.1114 | 9 | 2.53 | 012.11 | 0 |
| 012 | Starch (%) | 0619 | 5.480 | 0.3200 | 0.9124 | 1.016 | 0.1114 | 9 | 4.50 | 012.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0554 | 0.8900 | 0.0600 | 2.127 | 0.4823 | 0.1230 | 22 | -2.57 | 013.10 | 0 |
| 013 | Fat, Acid Pretreat (%) | 2187 | 1.550 | 0.0600 | 2.127 | 0.4823 | 0.1230 | 22 | -1.20 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0098 | 1.655 | 0.1900 | 2.127 | 0.4823 | 0.1230 | 22 | -0.98 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 2124 | 1.660 | 0.0400 | 2.127 | 0.4823 | 0.1230 | 22 | -0.97 | 013.10 | 0 |
| 013 | Fat, Acid Pretreat (%) | 2162 | 1.720 | 0.1200 | 2.127 | 0.4823 | 0.1230 | 22 | -0.84 | 013.10 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0242 | 1.780 | 0.0800 | 2.127 | 0.4823 | 0.1230 | 22 | -0.72 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0027 | 1.864 | 0.1228 | 2.127 | 0.4823 | 0.1230 | 22 | -0.55 | 013.13 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0407 | 1.895 | 0.0005 | 2.127 | 0.4823 | 0.1230 | 22 | -0.48 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0650 | 1.915 | 0.2900 | 2.127 | 0.4823 | 0.1230 | 22 | -0.44 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0873 | 2.025 | 0.1300 | 2.127 | 0.4823 | 0.1230 | 22 | -0.21 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0309 | 2.068 | 0.1195 | 2.127 | 0.4823 | 0.1230 | 22 | -0.12 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0208 | 2.115 | 0.1500 | 2.127 | 0.4823 | 0.1230 | 22 | -0.03 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0914 | 2.175 | 0.4500 | 2.127 | 0.4823 | 0.1230 | 22 | 0.10 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0958 | 2.180 | 0.1000 | 2.127 | 0.4823 | 0.1230 | 22 | 0.11 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0870 | 2.328 | 0.0976 | 2.127 | 0.4823 | 0.1230 | 22 | 0.41 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0407 | 2.398 | 0.0147 | 2.127 | 0.4823 | 0.1230 | 22 | 0.56 | 013.13 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0164 | 2.540 | 0.0600 | 2.127 | 0.4823 | 0.1230 | 22 | 0.86 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 2016 | 2.545 | 0.2100 | 2.127 | 0.4823 | 0.1230 | 22 | 0.87 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0957 | 2.625 | 0.0100 | 2.127 | 0.4823 | 0.1230 | 22 | 1.03 | 013.02 | 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 | | | |
| 013 | Fat, Acid Pretreat (%) | 0171 | 2.695 | 0.1100 | 2.127 | 0.4823 | 0.1230 | 22 | 1.18 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0001 | 2.817 | 0.0639 | 2.127 | 0.4823 | 0.1230 | 22 | 1.43 | 013.02 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0202 | 3.105 | 0.2280 | 2.127 | 0.4823 | 0.1230 | 22 | 2.03 | 013.00 | 0 |
| 013 | Fat, Acid Pretreat (%) | 0074 | 1.965 | 0.6700 | 2.127 | 0.4823 | 0.1230 | 22 | -0.34 | 013.02 | 1 |
| 015 | Aluminum (mg / kg (ppm)) | 0918 | 75.74 | 21.86 | 94.09 | 22.64 | 8.403 | 6 | -0.81 | 015.43 | 0 |
| 015 | Aluminum (mg / kg (ppm)) | 0510 | 78.00 | 2.000 | 94.09 | 22.64 | 8.403 | 6 | -0.71 | 015.43 | 0 |
| 015 | Aluminum (mg / kg (ppm)) | 0407 | 82.00 | 1.562 | 94.09 | 22.64 | 8.403 | 6 | -0.53 | 015.41 | 0 |
| 015 | Aluminum (mg / kg (ppm)) | 0553 | 97.30 | 21.40 | 94.09 | 22.64 | 8.403 | 6 | 0.14 | 015.53 | 0 |
| 015 | Aluminum (mg / kg (ppm)) | 0964 | 103.5 | 0.0980 | 94.09 | 22.64 | 8.403 | 6 | 0.41 | 015.41 | 0 |
| 015 | Aluminum (mg / kg (ppm)) | 0171 | 156.7 | 3.500 | 94.09 | 22.64 | 8.403 | 6 | 2.76 | 015.41 | 0 |
| 017 | Boron (mg / kg (ppm)) | 0918 | 18.91 | 0.4400 | 20.14 | 1.476 | 0.2766 | 4 | | 017.43 | 0 |
| 017 | Boron (mg / kg (ppm)) | 0407 | 19.40 | 0.3664 | 20.14 | 1.476 | 0.2766 | 4 | | 017.41 | 0 |
| 017 | Boron (mg / kg (ppm)) | 0510 | 20.00 | 0.0000 | 20.14 | 1.476 | 0.2766 | 4 | | 017.43 | 0 |
| 017 | Boron (mg / kg (ppm)) | 0553 | 22.25 | 0.3000 | 20.14 | 1.476 | 0.2766 | 4 | | 017.53 | 0 |
| 019 | Calcium (%) | 2220 | 0.5150 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | -1.44 | 019.44 | 0 |
| 019 | Calcium (%) | 2187 | 0.5198 | 0.0014 | 0.5751 | 0.0419 | 0.0141 | 38 | -1.32 | 019.43 | 0 |
| 019 | Calcium (%) | 0873 | 0.5200 | 0.0200 | 0.5751 | 0.0419 | 0.0141 | 38 | -1.32 | 019.44 | 0 |
| 019 | Calcium (%) | 2156 | 0.5300 | 0.0200 | 0.5751 | 0.0419 | 0.0141 | 38 | -1.08 | 019.44 | 0 |
| 019 | Calcium (%) | 0914 | 0.5345 | 0.0048 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.97 | 019.43 | 0 |
| 019 | Calcium (%) | 0171 | 0.5350 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.96 | 019.41 | 0 |
| 019 | Calcium (%) | 2252 | 0.5360 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.93 | 019.44 | 0 |
| 019 | Calcium (%) | 2058 | 0.5415 | 0.0010 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.80 | 019.43 | 0 |
| 019 | Calcium (%) | 0065 | 0.5425 | 0.0050 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.78 | 019.44 | 0 |
| 019 | Calcium (%) | 0510 | 0.5450 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.72 | 019.43 | 0 |
| 019 | Calcium (%) | 2219 | 0.5450 | 0.0300 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.72 | 019.44 | 0 |
| 019 | Calcium (%) | 0202 | 0.5465 | 0.0030 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.68 | 019.43 | 0 |
| 019 | Calcium (%) | 0051 | 0.5500 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.60 | 019.41 | 0 |
| 019 | Calcium (%) | 0098 | 0.5550 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.48 | 019.41 | 0 |
| 019 | Calcium (%) | 2114 | 0.5550 | 0.0020 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.48 | 019.44 | 0 |
| 019 | Calcium (%) | 0889 | 0.5650 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.24 | 019.99 | 0 |
| 019 | Calcium (%) | 0208 | 0.5690 | 0.0360 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.15 | 019.41 | 0 |
| 019 | Calcium (%) | 0019 | 0.5700 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.12 | 019.41 | 0 |
| 019 | Calcium (%) | 0164 | 0.5740 | 0.0160 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.03 | 019.41 | 0 |
| 019 | Calcium (%) | 0870 | 0.5744 | 0.0534 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.02 | 019.42 | 0 |
| 019 | Calcium (%) | 0964 | 0.5755 | 0.0138 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.01 | 019.43 | 0 |
| 019 | Calcium (%) | 2033 | 0.5800 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.12 | 019.43 | 0 |
| 019 | Calcium (%) | 0407 | 0.5819 | 0.0206 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.16 | 019.41 | 0 |
| 019 | Calcium (%) | 0074 | 0.5850 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.24 | 019.41 | 0 |
| 019 | Calcium (%) | 2207 | 0.5850 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.24 | 019.42 | 0 |
| 019 | Calcium (%) | 0553 | 0.5900 | 0.0240 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.36 | 019.53 | 0 |
| 019 | Calcium (%) | 0511 | 0.5950 | 0.0700 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.48 | 019.41 | 0 |
| 019 | Calcium (%) | 2124 | 0.5950 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.48 | 019.43 | 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 | | | |
| 019 | Calcium (%) | 2089 | 0.6000 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.59 | 019.43 | 0 |
| 019 | Calcium (%) | 0918 | 0.6035 | 0.0270 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.68 | 019.43 | 0 |
| 019 | Calcium (%) | 0098 | 0.6150 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.95 | 019.43 | 0 |
| 019 | Calcium (%) | 0047 | 0.6150 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 0.95 | 019.52 | 0 |
| 019 | Calcium (%) | 0001 | 0.6281 | 0.0411 | 0.5751 | 0.0419 | 0.0141 | 38 | 1.26 | 019.31 | 0 |
| 019 | Calcium (%) | 0242 | 0.6300 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | 1.31 | 019.99 | 0 |
| 019 | Calcium (%) | 0027 | 0.6500 | 0.0280 | 0.5751 | 0.0419 | 0.0141 | 38 | 1.79 | 019.43 | 0 |
| 019 | Calcium (%) | 0656 | 0.6550 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 1.91 | 019.31 | 0 |
| 019 | Calcium (%) | 0529 | 0.6850 | 0.0100 | 0.5751 | 0.0419 | 0.0141 | 38 | 2.62 | 019.31 | 0 |
| 019 | Calcium (%) | 2115 | 0.7100 | 0.0000 | 0.5751 | 0.0419 | 0.0141 | 38 | 3.22 | 019.31 | 0 |
| 019 | Calcium (%) | 0619 | 0.5400 | 0.0760 | 0.5751 | 0.0419 | 0.0141 | 38 | -0.84 | 019.99 | 1 |
| 021 | Cobalt (mg / kg (ppm)) | 2207 | 0.3500 | 0.1000 | 0.6810 | 0.1906 | 0.0964 | 11 | -1.74 | 021.52 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0619 | 0.5020 | 0.0460 | 0.6810 | 0.1906 | 0.0964 | 11 | -0.94 | 021.41 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0918 | 0.5311 | 0.1906 | 0.6810 | 0.1906 | 0.0964 | 11 | -0.79 | 021.53 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0047 | 0.5425 | 0.0850 | 0.6810 | 0.1906 | 0.0964 | 11 | -0.73 | 021.52 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0553 | 0.6420 | 0.1000 | 0.6810 | 0.1906 | 0.0964 | 11 | -0.20 | 021.53 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0914 | 0.7195 | 0.3050 | 0.6810 | 0.1906 | 0.0964 | 11 | 0.20 | 021.53 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 2033 | 0.7800 | 0.0200 | 0.6810 | 0.1906 | 0.0964 | 11 | 0.52 | 021.43 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0407 | 0.7814 | 0.0264 | 0.6810 | 0.1906 | 0.0964 | 11 | 0.53 | 021.41 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0510 | 0.8350 | 0.1100 | 0.6810 | 0.1906 | 0.0964 | 11 | 0.81 | 021.43 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0964 | 0.8670 | 0.0491 | 0.6810 | 0.1906 | 0.0964 | 11 | 0.98 | 021.43 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0171 | 0.8950 | 0.0280 | 0.6810 | 0.1906 | 0.0964 | 11 | 1.12 | 021.41 | 0 |
| 021 | Cobalt (mg / kg (ppm)) | 0164 | < 0.75 | | 0.6810 | 0.1906 | 0.0964 | 11 | | 021.31 | 5 |
| 022 | Copper (mg / kg (ppm)) | 0656 | 1.180 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | -6.47 | 022.31 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2114 | 3.635 | 0.0710 | 8.869 | 1.188 | 0.3525 | 30 | -4.41 | 022.44 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0914 | 6.369 | 0.7570 | 8.869 | 1.188 | 0.3525 | 30 | -2.10 | 022.53 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2058 | 6.960 | 0.0200 | 8.869 | 1.188 | 0.3525 | 30 | -1.61 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0619 | 7.480 | 0.1800 | 8.869 | 1.188 | 0.3525 | 30 | -1.17 | 022.99 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0208 | 7.824 | 0.1310 | 8.869 | 1.188 | 0.3525 | 30 | -0.88 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0918 | 8.210 | 0.1800 | 8.869 | 1.188 | 0.3525 | 30 | -0.55 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0407 | 8.257 | 0.4282 | 8.869 | 1.188 | 0.3525 | 30 | -0.52 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0051 | 8.275 | 0.3500 | 8.869 | 1.188 | 0.3525 | 30 | -0.50 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0553 | 8.575 | 0.2700 | 8.869 | 1.188 | 0.3525 | 30 | -0.25 | 022.53 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0098 | 8.660 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | -0.18 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0164 | 8.900 | 0.2000 | 8.869 | 1.188 | 0.3525 | 30 | 0.03 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0870 | 8.937 | 0.3950 | 8.869 | 1.188 | 0.3525 | 30 | 0.06 | 022.42 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0964 | 8.973 | 0.6639 | 8.869 | 1.188 | 0.3525 | 30 | 0.09 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2124 | 8.980 | 0.0600 | 8.869 | 1.188 | 0.3525 | 30 | 0.09 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0511 | 9.000 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | 0.11 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2207 | 9.000 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | 0.11 | 022.42 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0510 | 9.000 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | 0.11 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0242 | 9.000 | 0.0000 | 8.869 | 1.188 | 0.3525 | 30 | 0.11 | 022.99 | 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 | | | |
| 022 | Copper (mg / kg (ppm)) | 0202 | 9.016 | 0.5190 | 8.869 | 1.188 | 0.3525 | 30 | 0.12 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2115 | 9.170 | 0.0800 | 8.869 | 1.188 | 0.3525 | 30 | 0.25 | 022.31 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0171 | 9.330 | 0.3600 | 8.869 | 1.188 | 0.3525 | 30 | 0.39 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0074 | 9.500 | 1.000 | 8.869 | 1.188 | 0.3525 | 30 | 0.53 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0027 | 9.694 | 0.8110 | 8.869 | 1.188 | 0.3525 | 30 | 0.69 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2089 | 9.850 | 0.9600 | 8.869 | 1.188 | 0.3525 | 30 | 0.83 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0098 | 9.990 | 0.5000 | 8.869 | 1.188 | 0.3525 | 30 | 0.94 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 2033 | 10.20 | 0.8000 | 8.869 | 1.188 | 0.3525 | 30 | 1.12 | 022.43 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0047 | 10.59 | 0.1400 | 8.869 | 1.188 | 0.3525 | 30 | 1.45 | 022.52 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0019 | 11.03 | 0.3200 | 8.869 | 1.188 | 0.3525 | 30 | 1.82 | 022.41 | 0 |
| 022 | Copper (mg / kg (ppm)) | 0529 | 11.06 | 1.380 | 8.869 | 1.188 | 0.3525 | 30 | 1.84 | 022.31 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2114 | 304.1 | 7.948 | 410.4 | 23.39 | 12.42 | 30 | -4.55 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0619 | 344.0 | 22.00 | 410.4 | 23.39 | 12.42 | 30 | -2.84 | 025.99 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0407 | 376.0 | 3.739 | 410.4 | 23.39 | 12.42 | 30 | -1.47 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0870 | 379.9 | 31.20 | 410.4 | 23.39 | 12.42 | 30 | -1.31 | 025.42 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0914 | 387.6 | 17.10 | 410.4 | 23.39 | 12.42 | 30 | -0.98 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0553 | 390.5 | 7.000 | 410.4 | 23.39 | 12.42 | 30 | -0.85 | 025.53 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0510 | 391.5 | 3.000 | 410.4 | 23.39 | 12.42 | 30 | -0.81 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0171 | 392.0 | 0.5000 | 410.4 | 23.39 | 12.42 | 30 | -0.79 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2058 | 401.7 | 12.41 | 410.4 | 23.39 | 12.42 | 30 | -0.37 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0098 | 404.0 | 39.00 | 410.4 | 23.39 | 12.42 | 30 | -0.27 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0164 | 404.5 | 1.000 | 410.4 | 23.39 | 12.42 | 30 | -0.25 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2207 | 404.5 | 9.000 | 410.4 | 23.39 | 12.42 | 30 | -0.25 | 025.42 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0208 | 406.9 | 18.80 | 410.4 | 23.39 | 12.42 | 30 | -0.15 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2115 | 407.5 | 0.5700 | 410.4 | 23.39 | 12.42 | 30 | -0.12 | 025.31 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0511 | 412.0 | 34.00 | 410.4 | 23.39 | 12.42 | 30 | 0.07 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0051 | 414.0 | 10.00 | 410.4 | 23.39 | 12.42 | 30 | 0.15 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0242 | 414.5 | 1.000 | 410.4 | 23.39 | 12.42 | 30 | 0.17 | 025.99 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0918 | 414.9 | 2.500 | 410.4 | 23.39 | 12.42 | 30 | 0.19 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0027 | 418.5 | 2.050 | 410.4 | 23.39 | 12.42 | 30 | 0.34 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2033 | 420.0 | 0.0000 | 410.4 | 23.39 | 12.42 | 30 | 0.41 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0001 | 420.8 | 6.900 | 410.4 | 23.39 | 12.42 | 30 | 0.44 | 025.31 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0964 | 421.3 | 11.45 | 410.4 | 23.39 | 12.42 | 30 | 0.46 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0019 | 421.9 | 14.10 | 410.4 | 23.39 | 12.42 | 30 | 0.49 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2124 | 426.5 | 17.00 | 410.4 | 23.39 | 12.42 | 30 | 0.69 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0529 | 427.0 | 38.70 | 410.4 | 23.39 | 12.42 | 30 | 0.71 | 025.31 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0074 | 430.0 | 4.000 | 410.4 | 23.39 | 12.42 | 30 | 0.84 | 025.41 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0098 | 438.0 | 10.00 | 410.4 | 23.39 | 12.42 | 30 | 1.18 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0656 | 449.0 | 6.790 | 410.4 | 23.39 | 12.42 | 30 | 1.65 | 025.31 | 0 |
| 025 | Iron (mg / kg (ppm)) | 2089 | 458.2 | 14.20 | 410.4 | 23.39 | 12.42 | 30 | 2.04 | 025.43 | 0 |
| 025 | Iron (mg / kg (ppm)) | 0047 | 507.4 | 26.60 | 410.4 | 23.39 | 12.42 | 30 | 4.15 | 025.52 | 0 |
| 027 | Magnesium (%) | 0873 | 0.2045 | 0.0030 | 0.2508 | 0.0166 | 0.0072 | 38 | -2.78 | 027.44 | 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 | | | |
| 027 | Magnesium (%) | 0889 | 0.2150 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | -2.15 | 027.99 | 0 |
| 027 | Magnesium (%) | 0407 | 0.2286 | 0.0011 | 0.2508 | 0.0166 | 0.0072 | 38 | -1.34 | 027.41 | 0 |
| 027 | Magnesium (%) | 0529 | 0.2300 | 0.0200 | 0.2508 | 0.0166 | 0.0072 | 38 | -1.25 | 027.31 | 0 |
| 027 | Magnesium (%) | 2220 | 0.2300 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | -1.25 | 027.44 | 0 |
| 027 | Magnesium (%) | 0171 | 0.2315 | 0.0010 | 0.2508 | 0.0166 | 0.0072 | 38 | -1.16 | 027.41 | 0 |
| 027 | Magnesium (%) | 2187 | 0.2388 | 0.0089 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.72 | 027.43 | 0 |
| 027 | Magnesium (%) | 2156 | 0.2395 | 0.0030 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.68 | 027.44 | 0 |
| 027 | Magnesium (%) | 0202 | 0.2400 | 0.0020 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.65 | 027.43 | 0 |
| 027 | Magnesium (%) | 0510 | 0.2400 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.65 | 027.43 | 0 |
| 027 | Magnesium (%) | 2252 | 0.2400 | 0.0020 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.65 | 027.44 | 0 |
| 027 | Magnesium (%) | 0051 | 0.2415 | 0.0044 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.56 | 027.41 | 0 |
| 027 | Magnesium (%) | 0918 | 0.2415 | 0.0010 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.56 | 027.43 | 0 |
| 027 | Magnesium (%) | 2058 | 0.2420 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.53 | 027.43 | 0 |
| 027 | Magnesium (%) | 2219 | 0.2445 | 0.0170 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.38 | 027.44 | 0 |
| 027 | Magnesium (%) | 0870 | 0.2463 | 0.0139 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.27 | 027.42 | 0 |
| 027 | Magnesium (%) | 0619 | 0.2495 | 0.0330 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.08 | 027.41 | 0 |
| 027 | Magnesium (%) | 0098 | 0.2500 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.05 | 027.41 | 0 |
| 027 | Magnesium (%) | 0065 | 0.2513 | 0.0025 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.03 | 027.44 | 0 |
| 027 | Magnesium (%) | 2114 | 0.2515 | 0.0050 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.04 | 027.44 | 0 |
| 027 | Magnesium (%) | 0164 | 0.2535 | 0.0010 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.16 | 027.41 | 0 |
| 027 | Magnesium (%) | 2115 | 0.2550 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.25 | 027.31 | 0 |
| 027 | Magnesium (%) | 2124 | 0.2550 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.25 | 027.43 | 0 |
| 027 | Magnesium (%) | 0553 | 0.2550 | 0.0020 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.25 | 027.53 | 0 |
| 027 | Magnesium (%) | 0208 | 0.2565 | 0.0290 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.34 | 027.41 | 0 |
| 027 | Magnesium (%) | 0074 | 0.2580 | 0.0020 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.43 | 027.41 | 0 |
| 027 | Magnesium (%) | 0964 | 0.2597 | 0.0114 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.54 | 027.43 | 0 |
| 027 | Magnesium (%) | 2207 | 0.2600 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.55 | 027.42 | 0 |
| 027 | Magnesium (%) | 0098 | 0.2600 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.55 | 027.43 | 0 |
| 027 | Magnesium (%) | 2089 | 0.2600 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.55 | 027.43 | 0 |
| 027 | Magnesium (%) | 0242 | 0.2600 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.55 | 027.99 | 0 |
| 027 | Magnesium (%) | 2033 | 0.2650 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | 0.85 | 027.43 | 0 |
| 027 | Magnesium (%) | 0019 | 0.2700 | 0.0000 | 0.2508 | 0.0166 | 0.0072 | 38 | 1.15 | 027.41 | 0 |
| 027 | Magnesium (%) | 0001 | 0.2724 | 0.0121 | 0.2508 | 0.0166 | 0.0072 | 38 | 1.30 | 027.31 | 0 |
| 027 | Magnesium (%) | 0047 | 0.2750 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | 1.45 | 027.52 | 0 |
| 027 | Magnesium (%) | 0027 | 0.2760 | 0.0060 | 0.2508 | 0.0166 | 0.0072 | 38 | 1.51 | 027.43 | 0 |
| 027 | Magnesium (%) | 0656 | 0.2850 | 0.0100 | 0.2508 | 0.0166 | 0.0072 | 38 | 2.06 | 027.31 | 0 |
| 027 | Magnesium (%) | 0914 | 0.2952 | 0.0105 | 0.2508 | 0.0166 | 0.0072 | 38 | 2.67 | 027.43 | 0 |
| 027 | Magnesium (%) | 0511 | 0.2450 | 0.0500 | 0.2508 | 0.0166 | 0.0072 | 38 | -0.35 | 027.41 | 1 |
| 028 | Manganese (mg / kg (ppm)) | 0619 | 16.00 | 1.600 | 24.80 | 2.271 | 1.235 | 30 | -3.88 | 028.99 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2114 | 18.58 | 0.0360 | 24.80 | 2.271 | 1.235 | 30 | -2.74 | 028.44 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0510 | 21.00 | 0.0000 | 24.80 | 2.271 | 1.235 | 30 | -1.67 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2058 | 21.74 | 0.0300 | 24.80 | 2.271 | 1.235 | 30 | -1.35 | 028.43 | 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 | | | |
| 028 | Manganese (mg / kg (ppm)) | 0001 | 22.45 | 0.5500 | 24.80 | 2.271 | 1.235 | 30 | -1.04 | 028.31 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0511 | 23.00 | 2.000 | 24.80 | 2.271 | 1.235 | 30 | -0.79 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0098 | 23.30 | 1.660 | 24.80 | 2.271 | 1.235 | 30 | -0.66 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0051 | 23.39 | 0.2600 | 24.80 | 2.271 | 1.235 | 30 | -0.62 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0553 | 23.50 | 0.6000 | 24.80 | 2.271 | 1.235 | 30 | -0.57 | 028.53 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0407 | 23.98 | 1.419 | 24.80 | 2.271 | 1.235 | 30 | -0.36 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0171 | 24.03 | 0.0600 | 24.80 | 2.271 | 1.235 | 30 | -0.34 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0208 | 24.13 | 0.5200 | 24.80 | 2.271 | 1.235 | 30 | -0.30 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2089 | 24.25 | 0.0500 | 24.80 | 2.271 | 1.235 | 30 | -0.24 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0529 | 24.70 | 2.800 | 24.80 | 2.271 | 1.235 | 30 | -0.04 | 028.31 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0242 | 25.00 | 2.000 | 24.80 | 2.271 | 1.235 | 30 | 0.09 | 028.99 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0964 | 25.01 | 2.308 | 24.80 | 2.271 | 1.235 | 30 | 0.09 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0870 | 25.06 | 1.550 | 24.80 | 2.271 | 1.235 | 30 | 0.11 | 028.42 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0164 | 25.50 | 1.000 | 24.80 | 2.271 | 1.235 | 30 | 0.31 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2124 | 25.50 | 3.000 | 24.80 | 2.271 | 1.235 | 30 | 0.31 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2115 | 25.61 | 0.0900 | 24.80 | 2.271 | 1.235 | 30 | 0.35 | 028.31 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2033 | 25.90 | 0.2000 | 24.80 | 2.271 | 1.235 | 30 | 0.48 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 2207 | 26.00 | 2.000 | 24.80 | 2.271 | 1.235 | 30 | 0.53 | 028.42 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0202 | 26.05 | 0.5430 | 24.80 | 2.271 | 1.235 | 30 | 0.55 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0074 | 26.50 | 1.000 | 24.80 | 2.271 | 1.235 | 30 | 0.75 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0019 | 27.02 | 2.500 | 24.80 | 2.271 | 1.235 | 30 | 0.98 | 028.41 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0656 | 27.21 | 3.000 | 24.80 | 2.271 | 1.235 | 30 | 1.06 | 028.31 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0918 | 27.32 | 0.6000 | 24.80 | 2.271 | 1.235 | 30 | 1.11 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0047 | 27.37 | 2.050 | 24.80 | 2.271 | 1.235 | 30 | 1.13 | 028.52 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0098 | 28.15 | 1.000 | 24.80 | 2.271 | 1.235 | 30 | 1.47 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0027 | 28.66 | 2.626 | 24.80 | 2.271 | 1.235 | 30 | 1.70 | 028.43 | 0 |
| 028 | Manganese (mg / kg (ppm)) | 0914 | 26.65 | 5.900 | 24.80 | 2.271 | 1.235 | 30 | 0.81 | 028.43 | 1 |
| 031 | Phosphorus (%) | 0656 | 0.0400 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | -10.66 | 031.01 | 0 |
| 031 | Phosphorus (%) | 2220 | 0.1000 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | -1.47 | 031.01 | 0 |
| 031 | Phosphorus (%) | 0019 | 0.1000 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | -1.47 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0619 | 0.1015 | 0.0090 | 0.1096 | 0.0065 | 0.0034 | 41 | -1.25 | 031.99 | 0 |
| 031 | Phosphorus (%) | 2114 | 0.1020 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | -1.17 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0208 | 0.1040 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.86 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0407 | 0.1044 | 0.0011 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.81 | 031.41 | 0 |
| 031 | Phosphorus (%) | 2187 | 0.1044 | 0.0009 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.81 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0202 | 0.1050 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.71 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0511 | 0.1050 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.71 | 031.01 | 0 |
| 031 | Phosphorus (%) | 0529 | 0.1050 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.71 | 031.01 | 0 |
| 031 | Phosphorus (%) | 2156 | 0.1050 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.71 | 031.01 | 0 |
| 031 | Phosphorus (%) | 0208 | 0.1055 | 0.0010 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.63 | 031.01 | 0 |
| 031 | Phosphorus (%) | 0870 | 0.1060 | 0.0068 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.56 | 031.42 | 0 |
| 031 | Phosphorus (%) | 0001 | 0.1075 | 0.0110 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.33 | 031.03 | 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 (%) | 0164 | 0.1080 | 0.0020 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.25 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0051 | 0.1088 | 0.0020 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.13 | 031.41 | 0 |
| 031 | Phosphorus (%) | 2033 | 0.1090 | 0.0020 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.10 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2058 | 0.1090 | 0.0040 | 0.1096 | 0.0065 | 0.0034 | 41 | -0.10 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2115 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.01 | 0 |
| 031 | Phosphorus (%) | 2219 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.01 | 0 |
| 031 | Phosphorus (%) | 2058 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.02 | 0 |
| 031 | Phosphorus (%) | 0171 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0510 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2124 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0065 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.44 | 0 |
| 031 | Phosphorus (%) | 0242 | 0.1100 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.06 | 031.99 | 0 |
| 031 | Phosphorus (%) | 0964 | 0.1107 | 0.0027 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.16 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0914 | 0.1117 | 0.0076 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.32 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2252 | 0.1126 | 0.0028 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.45 | 031.01 | 0 |
| 031 | Phosphorus (%) | 0027 | 0.1140 | 0.0020 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.67 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2207 | 0.1150 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.82 | 031.42 | 0 |
| 031 | Phosphorus (%) | 0889 | 0.1150 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.82 | 031.99 | 0 |
| 031 | Phosphorus (%) | 0553 | 0.1155 | 0.0030 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.90 | 031.53 | 0 |
| 031 | Phosphorus (%) | 0074 | 0.1160 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 0.97 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0918 | 0.1175 | 0.0010 | 0.1096 | 0.0065 | 0.0034 | 41 | 1.20 | 031.43 | 0 |
| 031 | Phosphorus (%) | 2089 | 0.1200 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 1.59 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0098 | 0.1201 | 0.0063 | 0.1096 | 0.0065 | 0.0034 | 41 | 1.59 | 031.43 | 0 |
| 031 | Phosphorus (%) | 0098 | 0.1209 | 0.0059 | 0.1096 | 0.0065 | 0.0034 | 41 | 1.72 | 031.41 | 0 |
| 031 | Phosphorus (%) | 0047 | 0.1500 | 0.0000 | 0.1096 | 0.0065 | 0.0034 | 41 | 6.18 | 031.42 | 0 |
| 031 | Phosphorus (%) | 0873 | 0.2150 | 0.0100 | 0.1096 | 0.0065 | 0.0034 | 41 | 16.13 | 031.44 | 0 |
| 032 | Potassium (%) | 2114 | 0.8935 | 0.0050 | 1.262 | 0.0833 | 0.0395 | 39 | -4.42 | 032.44 | 0 |
| 032 | Potassium (%) | 0873 | 1.040 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | -2.66 | 032.44 | 0 |
| 032 | Potassium (%) | 2115 | 1.085 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | -2.12 | 032.31 | 0 |
| 032 | Potassium (%) | 0914 | 1.115 | 0.0422 | 1.262 | 0.0833 | 0.0395 | 39 | -1.76 | 032.43 | 0 |
| 032 | Potassium (%) | 2187 | 1.116 | 0.0001 | 1.262 | 0.0833 | 0.0395 | 39 | -1.75 | 032.43 | 0 |
| 032 | Potassium (%) | 0619 | 1.165 | 0.1300 | 1.262 | 0.0833 | 0.0395 | 39 | -1.16 | 032.99 | 0 |
| 032 | Potassium (%) | 0019 | 1.175 | 0.0700 | 1.262 | 0.0833 | 0.0395 | 39 | -1.04 | 032.41 | 0 |
| 032 | Potassium (%) | 2220 | 1.175 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | -1.04 | 032.44 | 0 |
| 032 | Potassium (%) | 0208 | 1.190 | 0.0780 | 1.262 | 0.0833 | 0.0395 | 39 | -0.86 | 032.41 | 0 |
| 032 | Potassium (%) | 0529 | 1.215 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | -0.56 | 032.31 | 0 |
| 032 | Potassium (%) | 0171 | 1.220 | 0.0000 | 1.262 | 0.0833 | 0.0395 | 39 | -0.50 | 032.41 | 0 |
| 032 | Potassium (%) | 2252 | 1.222 | 0.0140 | 1.262 | 0.0833 | 0.0395 | 39 | -0.48 | 032.44 | 0 |
| 032 | Potassium (%) | 2156 | 1.225 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | -0.44 | 032.44 | 0 |
| 032 | Potassium (%) | 0918 | 1.226 | 0.0150 | 1.262 | 0.0833 | 0.0395 | 39 | -0.43 | 032.43 | 0 |
| 032 | Potassium (%) | 0964 | 1.231 | 0.1120 | 1.262 | 0.0833 | 0.0395 | 39 | -0.37 | 032.43 | 0 |
| 032 | Potassium (%) | 2058 | 1.258 | 0.0010 | 1.262 | 0.0833 | 0.0395 | 39 | -0.05 | 032.43 | 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 | | | |
| 032 | Potassium (%) | 2219 | 1.260 | 0.1000 | 1.262 | 0.0833 | 0.0395 | 39 | -0.02 | 032.44 | 0 |
| 032 | Potassium (%) | 0870 | 1.274 | 0.0950 | 1.262 | 0.0833 | 0.0395 | 39 | 0.14 | 032.42 | 0 |
| 032 | Potassium (%) | 0553 | 1.275 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | 0.16 | 032.53 | 0 |
| 032 | Potassium (%) | 0407 | 1.276 | 0.0381 | 1.262 | 0.0833 | 0.0395 | 39 | 0.17 | 032.41 | 0 |
| 032 | Potassium (%) | 0074 | 1.280 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | 0.22 | 032.41 | 0 |
| 032 | Potassium (%) | 0164 | 1.280 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | 0.22 | 032.41 | 0 |
| 032 | Potassium (%) | 0001 | 1.288 | 0.0440 | 1.262 | 0.0833 | 0.0395 | 39 | 0.32 | 032.99 | 0 |
| 032 | Potassium (%) | 0098 | 1.300 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | 0.46 | 032.43 | 0 |
| 032 | Potassium (%) | 0065 | 1.303 | 0.0050 | 1.262 | 0.0833 | 0.0395 | 39 | 0.49 | 032.44 | 0 |
| 032 | Potassium (%) | 0098 | 1.305 | 0.0300 | 1.262 | 0.0833 | 0.0395 | 39 | 0.52 | 032.41 | 0 |
| 032 | Potassium (%) | 0051 | 1.307 | 0.0305 | 1.262 | 0.0833 | 0.0395 | 39 | 0.54 | 032.41 | 0 |
| 032 | Potassium (%) | 0656 | 1.310 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | 0.58 | 032.31 | 0 |
| 032 | Potassium (%) | 0510 | 1.315 | 0.0100 | 1.262 | 0.0833 | 0.0395 | 39 | 0.64 | 032.43 | 0 |
| 032 | Potassium (%) | 0889 | 1.320 | 0.0000 | 1.262 | 0.0833 | 0.0395 | 39 | 0.70 | 032.99 | 0 |
| 032 | Potassium (%) | 0511 | 1.325 | 0.1300 | 1.262 | 0.0833 | 0.0395 | 39 | 0.76 | 032.41 | 0 |
| 032 | Potassium (%) | 2089 | 1.325 | 0.0100 | 1.262 | 0.0833 | 0.0395 | 39 | 0.76 | 032.43 | 0 |
| 032 | Potassium (%) | 2124 | 1.325 | 0.0100 | 1.262 | 0.0833 | 0.0395 | 39 | 0.76 | 032.43 | 0 |
| 032 | Potassium (%) | 2207 | 1.340 | 0.0200 | 1.262 | 0.0833 | 0.0395 | 39 | 0.94 | 032.42 | 0 |
| 032 | Potassium (%) | 0202 | 1.343 | 0.0330 | 1.262 | 0.0833 | 0.0395 | 39 | 0.97 | 032.43 | 0 |
| 032 | Potassium (%) | 2033 | 1.350 | 0.1000 | 1.262 | 0.0833 | 0.0395 | 39 | 1.06 | 032.43 | 0 |
| 032 | Potassium (%) | 0027 | 1.366 | 0.0580 | 1.262 | 0.0833 | 0.0395 | 39 | 1.25 | 032.43 | 0 |
| 032 | Potassium (%) | 0242 | 1.370 | 0.0000 | 1.262 | 0.0833 | 0.0395 | 39 | 1.30 | 032.99 | 0 |
| 032 | Potassium (%) | 0047 | 1.395 | 0.1100 | 1.262 | 0.0833 | 0.0395 | 39 | 1.60 | 032.42 | 0 |
| 033 | Salt as chloride (%) | 0242 | 0.0350 | 0.0100 | 0.0544 | 0.0178 | 0.0085 | 6 | -1.09 | 033.01 | 0 |
| 033 | Salt as chloride (%) | 0171 | 0.0450 | 0.0000 | 0.0544 | 0.0178 | 0.0085 | 6 | -0.53 | 033.05 | 0 |
| 033 | Salt as chloride (%) | 0098 | 0.0500 | 0.0200 | 0.0544 | 0.0178 | 0.0085 | 6 | -0.25 | 033.01 | 0 |
| 033 | Salt as chloride (%) | 0407 | 0.0555 | 0.0010 | 0.0544 | 0.0178 | 0.0085 | 6 | 0.06 | 033.01 | 0 |
| 033 | Salt as chloride (%) | 0650 | 0.0600 | 0.0200 | 0.0544 | 0.0178 | 0.0085 | 6 | 0.31 | 033.01 | 0 |
| 033 | Salt as chloride (%) | 0510 | 0.0820 | 0.0000 | 0.0544 | 0.0178 | 0.0085 | 6 | 1.55 | 033.01 | 0 |
| 033 | Salt as chloride (%) | 0309 | < 0.1 | | 0.0544 | 0.0178 | 0.0085 | 6 | | 033.00 | 5 |
| 033 | Salt as chloride (%) | 0164 | < 0.1 | | 0.0544 | 0.0178 | 0.0085 | 6 | | 033.01 | 5 |
| 034 | Selenium (mg / kg (ppm)) | 0553 | 0.1170 | 0.0160 | | | | 3 | | 034.53 | 0 |
| 034 | Selenium (mg / kg (ppm)) | 0918 | 0.1316 | 0.0141 | | | | 3 | | 034.53 | 0 |
| 034 | Selenium (mg / kg (ppm)) | 0407 | 1.129 | 0.0075 | | | | 3 | | 034.41 | 0 |
| 034 | Selenium (mg / kg (ppm)) | 0171 | < 0.05 | | | | | 3 | | 034.04 | 5 |
| 034 | Selenium (mg / kg (ppm)) | 0164 | < 0.1 | | | | | 3 | | 034.53 | 5 |
| 034 | Selenium (mg / kg (ppm)) | 2124 | < 1 | | | | | 3 | | 034.43 | 5 |
| 035 | Sodium (%) | 0873 | 0.0150 | 0.0100 | 0.0313 | 0.0051 | 0.0026 | 34 | -3.22 | 035.41 | 0 |
| 035 | Sodium (%) | 0914 | 0.0255 | 0.0001 | 0.0313 | 0.0051 | 0.0026 | 34 | -1.15 | 035.43 | 0 |
| 035 | Sodium (%) | 0510 | 0.0260 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -1.04 | 035.43 | 0 |
| 035 | Sodium (%) | 2033 | 0.0260 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -1.04 | 035.43 | 0 |
| 035 | Sodium (%) | 2058 | 0.0260 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -1.04 | 035.43 | 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 | | | |
| 035 | Sodium (%) | 0553 | 0.0260 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -1.04 | 035.53 | 0 |
| 035 | Sodium (%) | 0870 | 0.0265 | 0.0050 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.94 | 035.42 | 0 |
| 035 | Sodium (%) | 2114 | 0.0270 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.84 | 035.41 | 0 |
| 035 | Sodium (%) | 0964 | 0.0284 | 0.0008 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.57 | 035.43 | 0 |
| 035 | Sodium (%) | 0098 | 0.0288 | 0.0025 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.50 | 035.41 | 0 |
| 035 | Sodium (%) | 0208 | 0.0290 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.45 | 035.41 | 0 |
| 035 | Sodium (%) | 0098 | 0.0293 | 0.0029 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.40 | 035.43 | 0 |
| 035 | Sodium (%) | 0407 | 0.0298 | 0.0001 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.30 | 035.41 | 0 |
| 035 | Sodium (%) | 0656 | 0.0300 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.25 | 035.31 | 0 |
| 035 | Sodium (%) | 2115 | 0.0300 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.25 | 035.31 | 0 |
| 035 | Sodium (%) | 2207 | 0.0300 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.25 | 035.42 | 0 |
| 035 | Sodium (%) | 2089 | 0.0300 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.25 | 035.43 | 0 |
| 035 | Sodium (%) | 0242 | 0.0300 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.25 | 035.99 | 0 |
| 035 | Sodium (%) | 2187 | 0.0302 | 0.0041 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.22 | 035.43 | 0 |
| 035 | Sodium (%) | 2220 | 0.0305 | 0.0010 | 0.0313 | 0.0051 | 0.0026 | 34 | -0.15 | 035.41 | 0 |
| 035 | Sodium (%) | 2124 | 0.0315 | 0.0010 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.05 | 035.43 | 0 |
| 035 | Sodium (%) | 0918 | 0.0320 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.15 | 035.43 | 0 |
| 035 | Sodium (%) | 2156 | 0.0330 | 0.0080 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.34 | 035.41 | 0 |
| 035 | Sodium (%) | 0164 | 0.0335 | 0.0010 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.44 | 035.41 | 0 |
| 035 | Sodium (%) | 0202 | 0.0340 | 0.0020 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.54 | 035.43 | 0 |
| 035 | Sodium (%) | 0019 | 0.0350 | 0.0100 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.74 | 035.41 | 0 |
| 035 | Sodium (%) | 2219 | 0.0350 | 0.0100 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.74 | 035.41 | 0 |
| 035 | Sodium (%) | 0051 | 0.0359 | 0.0023 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.91 | 035.41 | 0 |
| 035 | Sodium (%) | 0065 | 0.0363 | 0.0025 | 0.0313 | 0.0051 | 0.0026 | 34 | 0.99 | 035.41 | 0 |
| 035 | Sodium (%) | 0529 | 0.0395 | 0.0050 | 0.0313 | 0.0051 | 0.0026 | 34 | 1.63 | 035.31 | 0 |
| 035 | Sodium (%) | 0511 | 0.0400 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | 1.73 | 035.41 | 0 |
| 035 | Sodium (%) | 2252 | 0.0460 | 0.0060 | 0.0313 | 0.0051 | 0.0026 | 34 | 2.92 | 035.41 | 0 |
| 035 | Sodium (%) | 0171 | 0.0465 | 0.0010 | 0.0313 | 0.0051 | 0.0026 | 34 | 3.02 | 035.41 | 0 |
| 035 | Sodium (%) | 0619 | 0.0470 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | 3.11 | 035.41 | 0 |
| 035 | Sodium (%) | 0889 | 0.0000 | 0.0000 | 0.0313 | 0.0051 | 0.0026 | 34 | | 035.99 | 4 |
| 036 | Sulfur (%) | 0870 | 0.0980 | 0.0040 | 0.1174 | 0.0097 | 0.0047 | 16 | -2.00 | 036.42 | 0 |
| 036 | Sulfur (%) | 0171 | 0.1045 | 0.0010 | 0.1174 | 0.0097 | 0.0047 | 16 | -1.33 | 036.42 | 0 |
| 036 | Sulfur (%) | 0098 | 0.1070 | 0.0033 | 0.1174 | 0.0097 | 0.0047 | 16 | -1.08 | 036.43 | 0 |
| 036 | Sulfur (%) | 0407 | 0.1090 | 0.0002 | 0.1174 | 0.0097 | 0.0047 | 16 | -0.87 | 036.42 | 0 |
| 036 | Sulfur (%) | 2207 | 0.1150 | 0.0100 | 0.1174 | 0.0097 | 0.0047 | 16 | -0.25 | 036.42 | 0 |
| 036 | Sulfur (%) | 0242 | 0.1150 | 0.0100 | 0.1174 | 0.0097 | 0.0047 | 16 | -0.25 | 036.99 | 0 |
| 036 | Sulfur (%) | 0918 | 0.1150 | 0.0020 | 0.1174 | 0.0097 | 0.0047 | 16 | -0.25 | 036.43 | 0 |
| 036 | Sulfur (%) | 0553 | 0.1175 | 0.0010 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.01 | 036.53 | 0 |
| 036 | Sulfur (%) | 0202 | 0.1200 | 0.0040 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.27 | 036.43 | 0 |
| 036 | Sulfur (%) | 0510 | 0.1200 | 0.0000 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.27 | 036.43 | 0 |
| 036 | Sulfur (%) | 2033 | 0.1200 | 0.0000 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.27 | 036.43 | 0 |
| 036 | Sulfur (%) | 0619 | 0.1205 | 0.0030 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.32 | 036.99 | 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 | | | |
| 036 | Sulfur (%) | 2089 | 0.1250 | 0.0100 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.78 | 036.43 | 0 |
| 036 | Sulfur (%) | 0914 | 0.1254 | 0.0172 | 0.1174 | 0.0097 | 0.0047 | 16 | 0.82 | 036.43 | 0 |
| 036 | Sulfur (%) | 0889 | 0.1300 | 0.0000 | 0.1174 | 0.0097 | 0.0047 | 16 | 1.30 | 036.99 | 0 |
| 036 | Sulfur (%) | 0001 | 0.1540 | 0.0100 | 0.1174 | 0.0097 | 0.0047 | 16 | 3.77 | 036.04 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0870 | 46.74 | 0.2800 | 61.44 | 4.913 | 1.990 | 32 | -2.99 | 037.42 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0047 | 55.29 | 0.5600 | 61.44 | 4.913 | 1.990 | 32 | -1.25 | 037.52 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0051 | 55.30 | 2.400 | 61.44 | 4.913 | 1.990 | 32 | -1.25 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0529 | 56.10 | 0.2000 | 61.44 | 4.913 | 1.990 | 32 | -1.09 | 037.31 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2058 | 56.34 | 4.060 | 61.44 | 4.913 | 1.990 | 32 | -1.04 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2114 | 56.48 | 0.5060 | 61.44 | 4.913 | 1.990 | 32 | -1.01 | 037.44 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0242 | 58.00 | 0.0000 | 61.44 | 4.913 | 1.990 | 32 | -0.70 | 037.99 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0619 | 58.15 | 1.500 | 61.44 | 4.913 | 1.990 | 32 | -0.67 | 037.99 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0208 | 58.26 | 0.7200 | 61.44 | 4.913 | 1.990 | 32 | -0.65 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0164 | 59.00 | 2.000 | 61.44 | 4.913 | 1.990 | 32 | -0.50 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0511 | 59.00 | 0.0000 | 61.44 | 4.913 | 1.990 | 32 | -0.50 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0510 | 59.00 | 2.000 | 61.44 | 4.913 | 1.990 | 32 | -0.50 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0889 | 59.77 | 0.9200 | 61.44 | 4.913 | 1.990 | 32 | -0.34 | 037.99 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0019 | 60.46 | 2.450 | 61.44 | 4.913 | 1.990 | 32 | -0.20 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0964 | 60.71 | 3.880 | 61.44 | 4.913 | 1.990 | 32 | -0.15 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2207 | 61.00 | 4.000 | 61.44 | 4.913 | 1.990 | 32 | -0.09 | 037.42 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0202 | 61.10 | 0.0330 | 61.44 | 4.913 | 1.990 | 32 | -0.07 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0918 | 61.34 | 1.600 | 61.44 | 4.913 | 1.990 | 32 | -0.02 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0407 | 61.36 | 0.5979 | 61.44 | 4.913 | 1.990 | 32 | -0.02 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0001 | 61.63 | 4.220 | 61.44 | 4.913 | 1.990 | 32 | 0.04 | 037.31 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2124 | 62.39 | 0.3400 | 61.44 | 4.913 | 1.990 | 32 | 0.19 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2115 | 63.46 | 0.1700 | 61.44 | 4.913 | 1.990 | 32 | 0.41 | 037.31 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0914 | 63.49 | 4.520 | 61.44 | 4.913 | 1.990 | 32 | 0.42 | 037.53 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2033 | 65.10 | 0.4000 | 61.44 | 4.913 | 1.990 | 32 | 0.75 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0656 | 65.74 | 1.080 | 61.44 | 4.913 | 1.990 | 32 | 0.88 | 037.31 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0074 | 66.00 | 6.000 | 61.44 | 4.913 | 1.990 | 32 | 0.93 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0553 | 66.85 | 4.900 | 61.44 | 4.913 | 1.990 | 32 | 1.10 | 037.53 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0171 | 66.92 | 0.0300 | 61.44 | 4.913 | 1.990 | 32 | 1.11 | 037.41 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 2089 | 67.26 | 0.2100 | 61.44 | 4.913 | 1.990 | 32 | 1.18 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0027 | 68.99 | 4.161 | 61.44 | 4.913 | 1.990 | 32 | 1.54 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0098 | 72.45 | 4.330 | 61.44 | 4.913 | 1.990 | 32 | 2.24 | 037.43 | 0 |
| 037 | Zinc (mg / kg (ppm)) | 0098 | 77.22 | 5.610 | 61.44 | 4.913 | 1.990 | 32 | 3.21 | 037.41 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0171 | 0.2655 | 0.0190 | 0.3110 | 0.0419 | 0.0196 | 6 | -1.09 | 038.41 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0918 | 0.2911 | 0.0123 | 0.3110 | 0.0419 | 0.0196 | 6 | -0.48 | 038.53 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0407 | 0.2978 | 0.0263 | 0.3110 | 0.0419 | 0.0196 | 6 | -0.32 | 038.41 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0553 | 0.3120 | 0.0380 | 0.3110 | 0.0419 | 0.0196 | 6 | 0.02 | 038.53 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0164 | 0.3260 | 0.0220 | 0.3110 | 0.0419 | 0.0196 | 6 | 0.36 | 038.53 | 0 |
| 038 | Molybdenum (mg / kg (ppm)) | 0510 | 0.5000 | 0.0000 | 0.3110 | 0.0419 | 0.0196 | 6 | 4.51 | 038.43 | 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 | | | |
| 040 | Barium (mg / kg (ppm)) | 0918 | 4.101 | 0.3257 | | | | 1 | 040.53 | 0 | |
| 041 | Vanadium (mg / kg (ppm)) | 0553 | 0.1575 | 0.0230 | | | | 1 | 041.53 | 0 | |
| 042 | Chloride (%) | 2124 | 0.0300 | 0.0000 | | | | 1 | 042.00 | 0 | |
| 102 | Niacin (mg / kg (ppm)) | 2124 | 17.63 | 0.2900 | | | | 1 | 102.02 | 0 | |
| 103 | Pantothenic Acid (mg / kg (ppm)) | 2124 | 40.81 | 1.020 | | | | 1 | 103.02 | 0 | |
| 104 | Riboflavin (mg / kg (ppm)) | 2124 | 0.4350 | 0.0500 | | | | 1 | 104.03 | 0 | |
| 105 | Thiamine (mg / kg (ppm)) | 2124 | 1.925 | 0.1900 | | | | 1 | 105.00 | 0 | |
| 112 | Pyridoxine (µg / g) | 2124 | < 2.5 | | | | | 0 | 112.01 | 5 | |
| 120 | Alanine (%) | 0407 | 0.3655 | 0.0010 | 0.4026 | 0.0221 | 0.0050 | 7 | -1.67 | 120.05 | 0 |
| 120 | Alanine (%) | 0242 | 0.3825 | 0.0090 | 0.4026 | 0.0221 | 0.0050 | 7 | -0.91 | 120.05 | 0 |
| 120 | Alanine (%) | 0918 | 0.4014 | 0.0016 | 0.4026 | 0.0221 | 0.0050 | 7 | -0.05 | 120.00 | 0 |
| 120 | Alanine (%) | 0870 | 0.4117 | 0.0134 | 0.4026 | 0.0221 | 0.0050 | 7 | 0.41 | 120.00 | 0 |
| 120 | Alanine (%) | 0227 | 0.4150 | 0.0100 | 0.4026 | 0.0221 | 0.0050 | 7 | 0.56 | 120.00 | 0 |
| 120 | Alanine (%) | 0619 | 0.4180 | 0.0000 | 0.4026 | 0.0221 | 0.0050 | 7 | 0.70 | 120.00 | 0 |
| 120 | Alanine (%) | 0504 | 0.4200 | 0.0000 | 0.4026 | 0.0221 | 0.0050 | 7 | 0.79 | 120.00 | 0 |
| 121 | Arginine (%) | 0242 | 0.4015 | 0.0170 | 0.4432 | 0.0326 | 0.0090 | 7 | -1.28 | 121.05 | 0 |
| 121 | Arginine (%) | 0407 | 0.4260 | 0.0060 | 0.4432 | 0.0326 | 0.0090 | 7 | -0.53 | 121.05 | 0 |
| 121 | Arginine (%) | 0918 | 0.4376 | 0.0179 | 0.4432 | 0.0326 | 0.0090 | 7 | -0.17 | 121.00 | 0 |
| 121 | Arginine (%) | 0504 | 0.4400 | 0.0000 | 0.4432 | 0.0326 | 0.0090 | 7 | -0.10 | 121.00 | 0 |
| 121 | Arginine (%) | 0870 | 0.4404 | 0.0102 | 0.4432 | 0.0326 | 0.0090 | 7 | -0.09 | 121.00 | 0 |
| 121 | Arginine (%) | 0227 | 0.4650 | 0.0100 | 0.4432 | 0.0326 | 0.0090 | 7 | 0.67 | 121.00 | 0 |
| 121 | Arginine (%) | 0619 | 0.5160 | 0.0020 | 0.4432 | 0.0326 | 0.0090 | 7 | 2.24 | 121.00 | 0 |
| 122 | Aspartic (%) | 0407 | 0.8150 | 0.0020 | 0.8737 | 0.0474 | 0.0150 | 7 | -1.24 | 122.05 | 0 |
| 122 | Aspartic (%) | 0242 | 0.8225 | 0.0350 | 0.8737 | 0.0474 | 0.0150 | 7 | -1.08 | 122.05 | 0 |
| 122 | Aspartic (%) | 0504 | 0.8650 | 0.0100 | 0.8737 | 0.0474 | 0.0150 | 7 | -0.18 | 122.00 | 0 |
| 122 | Aspartic (%) | 0870 | 0.8810 | 0.0365 | 0.8737 | 0.0474 | 0.0150 | 7 | 0.15 | 122.00 | 0 |
| 122 | Aspartic (%) | 0227 | 0.9000 | 0.0000 | 0.8737 | 0.0474 | 0.0150 | 7 | 0.55 | 122.00 | 0 |
| 122 | Aspartic (%) | 0918 | 0.9144 | 0.0093 | 0.8737 | 0.0474 | 0.0150 | 7 | 0.86 | 122.00 | 0 |
| 122 | Aspartic (%) | 0619 | 0.9180 | 0.0120 | 0.8737 | 0.0474 | 0.0150 | 7 | 0.93 | 122.00 | 0 |
| 124 | Cysteine/Cystine (%) | 0242 | 0.0980 | 0.0420 | 0.2186 | 0.1218 | 0.0238 | 6 | -0.99 | 124.05 | 0 |
| 124 | Cysteine/Cystine (%) | 0227 | 0.1400 | 0.0200 | 0.2186 | 0.1218 | 0.0238 | 6 | -0.65 | 124.00 | 0 |
| 124 | Cysteine/Cystine (%) | 0504 | 0.1950 | 0.0100 | 0.2186 | 0.1218 | 0.0238 | 6 | -0.19 | 124.00 | 0 |
| 124 | Cysteine/Cystine (%) | 0918 | 0.2052 | 0.0097 | 0.2186 | 0.1218 | 0.0238 | 6 | -0.11 | 124.00 | 0 |
| 124 | Cysteine/Cystine (%) | 0619 | 0.2720 | 0.0340 | 0.2186 | 0.1218 | 0.0238 | 6 | 0.44 | 124.00 | 0 |
| 124 | Cysteine/Cystine (%) | 0407 | 0.5175 | 0.0270 | 0.2186 | 0.1218 | 0.0238 | 6 | 2.45 | 124.05 | 0 |
| 125 | Glutamic (%) | 0242 | 0.9175 | 0.0510 | 1.011 | 0.0820 | 0.0221 | 7 | -1.14 | 125.05 | 0 |
| 125 | Glutamic (%) | 0407 | 0.9325 | 0.0110 | 1.011 | 0.0820 | 0.0221 | 7 | -0.96 | 125.05 | 0 |
| 125 | Glutamic (%) | 0504 | 1.005 | 0.0100 | 1.011 | 0.0820 | 0.0221 | 7 | -0.07 | 125.00 | 0 |
| 125 | Glutamic (%) | 0227 | 1.020 | 0.0200 | 1.011 | 0.0820 | 0.0221 | 7 | 0.11 | 125.00 | 0 |
| 125 | Glutamic (%) | 0918 | 1.024 | 0.0154 | 1.011 | 0.0820 | 0.0221 | 7 | 0.15 | 125.00 | 0 |
| 125 | Glutamic (%) | 0870 | 1.044 | 0.0376 | 1.011 | 0.0820 | 0.0221 | 7 | 0.40 | 125.00 | 0 |
| 125 | Glutamic (%) | 0619 | 1.135 | 0.0100 | 1.011 | 0.0820 | 0.0221 | 7 | 1.51 | 125.00 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 126 | Glycine (%) | 0407 | 0.6845 | 0.0150 | 0.7756 | 0.0547 | 0.0152 | 6 | -1.66 | 126.05 | 0 |
| 126 | Glycine (%) | 0242 | 0.7430 | 0.0420 | 0.7756 | 0.0547 | 0.0152 | 6 | -0.59 | 126.05 | 0 |
| 126 | Glycine (%) | 0227 | 0.7900 | 0.0000 | 0.7756 | 0.0547 | 0.0152 | 6 | 0.26 | 126.00 | 0 |
| 126 | Glycine (%) | 0504 | 0.7950 | 0.0100 | 0.7756 | 0.0547 | 0.0152 | 6 | 0.36 | 126.00 | 0 |
| 126 | Glycine (%) | 0918 | 0.8159 | 0.0162 | 0.7756 | 0.0547 | 0.0152 | 6 | 0.74 | 126.00 | 0 |
| 126 | Glycine (%) | 0619 | 0.8160 | 0.0080 | 0.7756 | 0.0547 | 0.0152 | 6 | 0.74 | 126.00 | 0 |
| 127 | Histidine (%) | 0242 | 0.2090 | 0.0060 | 0.2595 | 0.0220 | 0.0089 | 7 | -2.29 | 127.05 | 0 |
| 127 | Histidine (%) | 0918 | 0.2508 | 0.0101 | 0.2595 | 0.0220 | 0.0089 | 7 | -0.40 | 127.00 | 0 |
| 127 | Histidine (%) | 0407 | 0.2540 | 0.0100 | 0.2595 | 0.0220 | 0.0089 | 7 | -0.25 | 127.05 | 0 |
| 127 | Histidine (%) | 0504 | 0.2600 | 0.0000 | 0.2595 | 0.0220 | 0.0089 | 7 | 0.02 | 127.00 | 0 |
| 127 | Histidine (%) | 0870 | 0.2627 | 0.0154 | 0.2595 | 0.0220 | 0.0089 | 7 | 0.15 | 127.00 | 0 |
| 127 | Histidine (%) | 0227 | 0.2700 | 0.0200 | 0.2595 | 0.0220 | 0.0089 | 7 | 0.48 | 127.00 | 0 |
| 127 | Histidine (%) | 0619 | 0.3515 | 0.0010 | 0.2595 | 0.0220 | 0.0089 | 7 | 4.17 | 127.00 | 0 |
| 128 | Isoleucine (%) | 0407 | 0.3120 | 0.0020 | 0.3597 | 0.0418 | 0.0174 | 7 | -1.14 | 128.05 | 0 |
| 128 | Isoleucine (%) | 0870 | 0.3170 | 0.0152 | 0.3597 | 0.0418 | 0.0174 | 7 | -1.02 | 128.00 | 0 |
| 128 | Isoleucine (%) | 0918 | 0.3512 | 0.0134 | 0.3597 | 0.0418 | 0.0174 | 7 | -0.20 | 128.00 | 0 |
| 128 | Isoleucine (%) | 0242 | 0.3550 | 0.0220 | 0.3597 | 0.0418 | 0.0174 | 7 | -0.11 | 128.05 | 0 |
| 128 | Isoleucine (%) | 0227 | 0.3800 | 0.0200 | 0.3597 | 0.0418 | 0.0174 | 7 | 0.49 | 128.00 | 0 |
| 128 | Isoleucine (%) | 0504 | 0.3950 | 0.0100 | 0.3597 | 0.0418 | 0.0174 | 7 | 0.85 | 128.00 | 0 |
| 128 | Isoleucine (%) | 0619 | 0.4075 | 0.0390 | 0.3597 | 0.0418 | 0.0174 | 7 | 1.15 | 128.00 | 0 |
| 129 | Leucine (%) | 0407 | 0.5655 | 0.0030 | 0.6202 | 0.0474 | 0.0144 | 7 | -1.15 | 129.05 | 0 |
| 129 | Leucine (%) | 0242 | 0.5865 | 0.0230 | 0.6202 | 0.0474 | 0.0144 | 7 | -0.71 | 129.05 | 0 |
| 129 | Leucine (%) | 0870 | 0.5867 | 0.0164 | 0.6202 | 0.0474 | 0.0144 | 7 | -0.71 | 129.00 | 0 |
| 129 | Leucine (%) | 0227 | 0.6350 | 0.0100 | 0.6202 | 0.0474 | 0.0144 | 7 | 0.31 | 129.00 | 0 |
| 129 | Leucine (%) | 0918 | 0.6386 | 0.0125 | 0.6202 | 0.0474 | 0.0144 | 7 | 0.39 | 129.00 | 0 |
| 129 | Leucine (%) | 0504 | 0.6450 | 0.0100 | 0.6202 | 0.0474 | 0.0144 | 7 | 0.52 | 129.00 | 0 |
| 129 | Leucine (%) | 0619 | 0.6840 | 0.0260 | 0.6202 | 0.0474 | 0.0144 | 7 | 1.35 | 129.00 | 0 |
| 130 | L-Lysine (%) | 0407 | 0.5545 | 0.0110 | 0.6579 | 0.0514 | 0.0108 | 7 | -2.01 | 130.05 | 0 |
| 130 | L-Lysine (%) | 0918 | 0.6272 | 0.0245 | 0.6579 | 0.0514 | 0.0108 | 7 | -0.60 | 130.00 | 0 |
| 130 | L-Lysine (%) | 0870 | 0.6542 | 0.0198 | 0.6579 | 0.0514 | 0.0108 | 7 | -0.07 | 130.00 | 0 |
| 130 | L-Lysine (%) | 2115 | 0.6595 | 0.0110 | 0.6579 | 0.0514 | 0.0108 | 7 | 0.03 | 130.99 | 0 |
| 130 | L-Lysine (%) | 0242 | 0.6640 | 0.0020 | 0.6579 | 0.0514 | 0.0108 | 7 | 0.12 | 130.05 | 0 |
| 130 | L-Lysine (%) | 0619 | 0.7095 | 0.0070 | 0.6579 | 0.0514 | 0.0108 | 7 | 1.00 | 130.00 | 0 |
| 130 | L-Lysine (%) | 0504 | 0.7100 | 0.0000 | 0.6579 | 0.0514 | 0.0108 | 7 | 1.01 | 130.00 | 0 |
| 130 | L-Lysine (%) | 0227 | 0.6650 | 0.0700 | 0.6579 | 0.0514 | 0.0108 | 7 | 0.14 | 130.00 | 1 |
| 131 | Methionine (%) | 0619 | 0.0840 | 0.0040 | 0.1031 | 0.0183 | 0.0052 | 6 | -1.04 | 131.00 | 0 |
| 131 | Methionine (%) | 0227 | 0.0900 | 0.0200 | 0.1031 | 0.0183 | 0.0052 | 6 | -0.71 | 131.00 | 0 |
| 131 | Methionine (%) | 0504 | 0.1000 | 0.0000 | 0.1031 | 0.0183 | 0.0052 | 6 | -0.17 | 131.00 | 0 |
| 131 | Methionine (%) | 0242 | 0.1060 | 0.0060 | 0.1031 | 0.0183 | 0.0052 | 6 | 0.16 | 131.05 | 0 |
| 131 | Methionine (%) | 0407 | 0.1085 | 0.0010 | 0.1031 | 0.0183 | 0.0052 | 6 | 0.30 | 131.05 | 0 |
| 131 | Methionine (%) | 0918 | 0.1300 | 0.0000 | 0.1031 | 0.0183 | 0.0052 | 6 | 1.47 | 131.00 | 0 |
| 132 | Phenylalanine (%) | 0407 | 0.3205 | 0.0010 | 0.3638 | 0.0385 | 0.0063 | 7 | -1.12 | 132.05 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|-----------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 132 | Phenylalanine (%) | 0242 | 0.3270 | 0.0060 | 0.3638 | 0.0385 | 0.0063 | 7 | -0.95 | 132.05 | 0 |
| 132 | Phenylalanine (%) | 0870 | 0.3584 | 0.0014 | 0.3638 | 0.0385 | 0.0063 | 7 | -0.14 | 132.00 | 0 |
| 132 | Phenylalanine (%) | 0918 | 0.3690 | 0.0020 | 0.3638 | 0.0385 | 0.0063 | 7 | 0.14 | 132.00 | 0 |
| 132 | Phenylalanine (%) | 0227 | 0.3700 | 0.0200 | 0.3638 | 0.0385 | 0.0063 | 7 | 0.16 | 132.00 | 0 |
| 132 | Phenylalanine (%) | 0504 | 0.3800 | 0.0000 | 0.3638 | 0.0385 | 0.0063 | 7 | 0.42 | 132.00 | 0 |
| 132 | Phenylalanine (%) | 0619 | 0.5790 | 0.0140 | 0.3638 | 0.0385 | 0.0063 | 7 | 5.59 | 132.00 | 0 |
| 133 | Proline (%) | 0242 | 0.4520 | 0.0020 | 0.4959 | 0.0444 | 0.0145 | 7 | -0.99 | 133.05 | 0 |
| 133 | Proline (%) | 0870 | 0.4536 | 0.0143 | 0.4959 | 0.0444 | 0.0145 | 7 | -0.95 | 133.00 | 0 |
| 133 | Proline (%) | 0407 | 0.4825 | 0.0050 | 0.4959 | 0.0444 | 0.0145 | 7 | -0.30 | 133.05 | 0 |
| 133 | Proline (%) | 0918 | 0.4960 | 0.0061 | 0.4959 | 0.0444 | 0.0145 | 7 | 0.00 | 133.00 | 0 |
| 133 | Proline (%) | 0227 | 0.5000 | 0.0200 | 0.4959 | 0.0444 | 0.0145 | 7 | 0.09 | 133.00 | 0 |
| 133 | Proline (%) | 0504 | 0.5250 | 0.0100 | 0.4959 | 0.0444 | 0.0145 | 7 | 0.65 | 133.00 | 0 |
| 133 | Proline (%) | 0619 | 0.6690 | 0.0440 | 0.4959 | 0.0444 | 0.0145 | 7 | 3.89 | 133.00 | 0 |
| 134 | Serine (%) | 0504 | 0.4750 | 0.0300 | 0.5506 | 0.0552 | 0.0137 | 7 | -1.37 | 134.00 | 0 |
| 134 | Serine (%) | 0242 | 0.5105 | 0.0070 | 0.5506 | 0.0552 | 0.0137 | 7 | -0.73 | 134.05 | 0 |
| 134 | Serine (%) | 0407 | 0.5260 | 0.0100 | 0.5506 | 0.0552 | 0.0137 | 7 | -0.45 | 134.05 | 0 |
| 134 | Serine (%) | 0918 | 0.5646 | 0.0150 | 0.5506 | 0.0552 | 0.0137 | 7 | 0.25 | 134.00 | 0 |
| 134 | Serine (%) | 0227 | 0.5700 | 0.0000 | 0.5506 | 0.0552 | 0.0137 | 7 | 0.35 | 134.00 | 0 |
| 134 | Serine (%) | 0870 | 0.6033 | 0.0201 | 0.5506 | 0.0552 | 0.0137 | 7 | 0.95 | 134.00 | 0 |
| 134 | Serine (%) | 0619 | 0.6050 | 0.0140 | 0.5506 | 0.0552 | 0.0137 | 7 | 0.98 | 134.00 | 0 |
| 135 | Threonine (%) | 0407 | 0.3050 | 0.0040 | 0.3477 | 0.0202 | 0.0063 | 7 | -2.11 | 135.05 | 0 |
| 135 | Threonine (%) | 0242 | 0.3315 | 0.0150 | 0.3477 | 0.0202 | 0.0063 | 7 | -0.80 | 135.05 | 0 |
| 135 | Threonine (%) | 0870 | 0.3489 | 0.0046 | 0.3477 | 0.0202 | 0.0063 | 7 | 0.06 | 135.00 | 0 |
| 135 | Threonine (%) | 0504 | 0.3500 | 0.0000 | 0.3477 | 0.0202 | 0.0063 | 7 | 0.11 | 135.00 | 0 |
| 135 | Threonine (%) | 0918 | 0.3561 | 0.0084 | 0.3477 | 0.0202 | 0.0063 | 7 | 0.42 | 135.00 | 0 |
| 135 | Threonine (%) | 0619 | 0.3600 | 0.0120 | 0.3477 | 0.0202 | 0.0063 | 7 | 0.61 | 135.00 | 0 |
| 135 | Threonine (%) | 0227 | 0.3700 | 0.0000 | 0.3477 | 0.0202 | 0.0063 | 7 | 1.10 | 135.00 | 0 |
| 136 | Tryptophan (%) | 0504 | 0.0550 | 0.0100 | 0.1204 | 0.0399 | 0.0073 | 6 | -1.64 | 136.99 | 0 |
| 136 | Tryptophan (%) | 2114 | 0.1000 | 0.0020 | 0.1204 | 0.0399 | 0.0073 | 6 | -0.51 | 136.01 | 0 |
| 136 | Tryptophan (%) | 0918 | 0.1250 | 0.0100 | 0.1204 | 0.0399 | 0.0073 | 6 | 0.11 | 136.00 | 0 |
| 136 | Tryptophan (%) | 0619 | 0.1330 | 0.0080 | 0.1204 | 0.0399 | 0.0073 | 6 | 0.32 | 136.00 | 0 |
| 136 | Tryptophan (%) | 0407 | 0.1490 | 0.0040 | 0.1204 | 0.0399 | 0.0073 | 6 | 0.72 | 136.05 | 0 |
| 136 | Tryptophan (%) | 0227 | 0.1550 | 0.0100 | 0.1204 | 0.0399 | 0.0073 | 6 | 0.87 | 136.00 | 0 |
| 137 | Tyrosine (%) | 0504 | 0.3650 | 0.0100 | 0.3952 | 0.0234 | 0.0068 | 6 | -1.29 | 137.00 | 0 |
| 137 | Tyrosine (%) | 0870 | 0.3812 | 0.0047 | 0.3952 | 0.0234 | 0.0068 | 6 | -0.60 | 137.00 | 0 |
| 137 | Tyrosine (%) | 0407 | 0.3905 | 0.0050 | 0.3952 | 0.0234 | 0.0068 | 6 | -0.20 | 137.05 | 0 |
| 137 | Tyrosine (%) | 0242 | 0.4005 | 0.0010 | 0.3952 | 0.0234 | 0.0068 | 6 | 0.22 | 137.05 | 0 |
| 137 | Tyrosine (%) | 0918 | 0.4143 | 0.0001 | 0.3952 | 0.0234 | 0.0068 | 6 | 0.81 | 137.00 | 0 |
| 137 | Tyrosine (%) | 0227 | 0.4200 | 0.0200 | 0.3952 | 0.0234 | 0.0068 | 6 | 1.06 | 137.00 | 0 |
| 138 | Valine (%) | 0870 | 0.3760 | 0.0156 | 0.4237 | 0.0449 | 0.0119 | 7 | -1.06 | 138.00 | 0 |
| 138 | Valine (%) | 0407 | 0.3765 | 0.0010 | 0.4237 | 0.0449 | 0.0119 | 7 | -1.05 | 138.05 | 0 |
| 138 | Valine (%) | 0242 | 0.4000 | 0.0220 | 0.4237 | 0.0449 | 0.0119 | 7 | -0.53 | 138.05 | 0 |

| Method Group | Analyte Group (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Your | Flag |
|--------------|--------------------------------|----------|----------|--------|---------------|-----------|--------|---------|----------|--------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Tests | Z Score | Method | |
| 138 | Valine (%) | 0227 | 0.4400 | 0.0000 | 0.4237 | 0.0449 | 0.0119 | 7 | 0.36 | 138.00 | 0 |
| 138 | Valine (%) | 0918 | 0.4425 | 0.0025 | 0.4237 | 0.0449 | 0.0119 | 7 | 0.42 | 138.00 | 0 |
| 138 | Valine (%) | 0504 | 0.4550 | 0.0100 | 0.4237 | 0.0449 | 0.0119 | 7 | 0.70 | 138.00 | 0 |
| 138 | Valine (%) | 0619 | 0.4760 | 0.0320 | 0.4237 | 0.0449 | 0.0119 | 7 | 1.17 | 138.00 | 0 |
| 139 | Taurine (%) | 0407 | 0.0010 | 0.0000 | | | | 2 | | 139.05 | 0 |
| 139 | Taurine (%) | 0504 | 0.2550 | 0.0300 | | | | 2 | | 139.00 | 0 |
| 160 | Fructose (%) | 0227 | 0.7800 | 0.0800 | | | | 1 | | 160.99 | 0 |
| 160 | Fructose (%) | 0619 | 0.0000 | 0.0000 | | | | 1 | | 160.99 | 4 |
| 162 | Glucose (%) | 0619 | 0.0000 | 0.0000 | | | | 0 | | 162.99 | 4 |
| 163 | Lactose (%) | 0619 | 0.0000 | 0.0000 | | | | 0 | | 163.99 | 4 |
| 165 | Sucrose (%) | 0619 | 0.5600 | 0.0200 | | | | 2 | | 165.99 | 0 |
| 165 | Sucrose (%) | 0227 | 0.5700 | 0.0600 | | | | 2 | | 165.99 | 0 |
| 166 | Raffinose (%) | 0619 | 0.1300 | 0.0020 | | | | 1 | | 166.99 | 0 |
| 167 | Stachyose (%) | 0619 | 0.5715 | 0.0130 | | | | 1 | | 167.99 | 0 |
| 400 | Water Activity (Units) | 0407 | 0.3835 | 0.0032 | | | | 1 | | 400.01 | 0 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 0553 | 0.0260 | 0.0020 | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.53 | 0 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 0227 | 0.0305 | 0.0090 | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.53 | 0 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 0918 | 0.0314 | 0.0003 | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.53 | 0 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 2124 | 0.2350 | 0.0300 | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.43 | 0 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 0407 | 1.194 | 0.0525 | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.42 | 2 |
| 516 | Arsenic, Total (mg / kg (ppm)) | 0171 | < 0.05 | | 0.0807 | 0.1029 | 0.0103 | 4 | | 516.00 | 5 |
| 518 | Cadmium (mg / kg (ppm)) | 0407 | 0.0254 | 0.0015 | 0.1099 | 0.0174 | 0.0084 | 6 | -4.86 | 518.41 | 0 |
| 518 | Cadmium (mg / kg (ppm)) | 0918 | 0.1048 | 0.0070 | 0.1099 | 0.0174 | 0.0084 | 6 | -0.30 | 518.53 | 0 |
| 518 | Cadmium (mg / kg (ppm)) | 0171 | 0.1060 | 0.0000 | 0.1099 | 0.0174 | 0.0084 | 6 | -0.23 | 518.41 | 0 |
| 518 | Cadmium (mg / kg (ppm)) | 0227 | 0.1165 | 0.0270 | 0.1099 | 0.0174 | 0.0084 | 6 | 0.38 | 518.53 | 0 |
| 518 | Cadmium (mg / kg (ppm)) | 0553 | 0.1235 | 0.0050 | 0.1099 | 0.0174 | 0.0084 | 6 | 0.78 | 518.53 | 0 |
| 518 | Cadmium (mg / kg (ppm)) | 2124 | 0.1250 | 0.0100 | 0.1099 | 0.0174 | 0.0084 | 6 | 0.87 | 518.43 | 0 |
| 520 | Chromium (mg / kg (ppm)) | 0407 | 1.727 | 0.0267 | 2.056 | 0.3957 | 0.2798 | 5 | | 520.41 | 0 |
| 520 | Chromium (mg / kg (ppm)) | 0918 | 1.754 | 0.3894 | 2.056 | 0.3957 | 0.2798 | 5 | | 520.53 | 0 |
| 520 | Chromium (mg / kg (ppm)) | 0553 | 1.890 | 0.7800 | 2.056 | 0.3957 | 0.2798 | 5 | | 520.53 | 0 |
| 520 | Chromium (mg / kg (ppm)) | 0171 | 2.257 | 0.0330 | 2.056 | 0.3957 | 0.2798 | 5 | | 520.41 | 0 |
| 520 | Chromium (mg / kg (ppm)) | 0510 | 2.655 | 0.1700 | 2.056 | 0.3957 | 0.2798 | 5 | | 520.43 | 0 |
| 526 | Lead (mg / kg (ppm)) | 0918 | 0.0688 | 0.0028 | 0.0822 | 0.0148 | 0.0068 | 4 | | 526.53 | 0 |
| 526 | Lead (mg / kg (ppm)) | 0553 | 0.0755 | 0.0010 | 0.0822 | 0.0148 | 0.0068 | 4 | | 526.53 | 0 |
| 526 | Lead (mg / kg (ppm)) | 0227 | 0.0815 | 0.0090 | 0.0822 | 0.0148 | 0.0068 | 4 | | 526.53 | 0 |
| 526 | Lead (mg / kg (ppm)) | 0407 | 0.1030 | 0.0142 | 0.0822 | 0.0148 | 0.0068 | 4 | | 526.41 | 0 |
| 526 | Lead (mg / kg (ppm)) | 0171 | < 0.05 | | 0.0822 | 0.0148 | 0.0068 | 4 | | 526.41 | 5 |
| 539 | Nickel (mg / kg (ppm)) | 0553 | 1.121 | 0.3590 | 1.208 | 0.1238 | 0.1289 | 4 | | 539.53 | 0 |
| 539 | Nickel (mg / kg (ppm)) | 0918 | 1.153 | 0.1207 | 1.208 | 0.1238 | 0.1289 | 4 | | 539.53 | 0 |
| 539 | Nickel (mg / kg (ppm)) | 0407 | 1.166 | 0.0077 | 1.208 | 0.1238 | 0.1289 | 4 | | 539.41 | 0 |
| 539 | Nickel (mg / kg (ppm)) | 0171 | 1.391 | 0.0280 | 1.208 | 0.1238 | 0.1289 | 4 | | 539.41 | 0 |
| 710 | Lauric Acid (12:0) (%) (w/w) | 2124 | < 0.01 | | | | | 0 | | 710.99 | 5 |

| 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 | | | |
| 714 | Myristic Acid (14:0) (% (w/w)) | 2124 | < 0.01 | | | | | | 0 | 714.99 | 5 |
| 716 | Palmitic Acid (16:0) (% (w/w)) | 2124 | 0.1750 | 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 | 0.0650 | 0.0100 | | | | | 1 | 722.99 | 0 |
| 724 | Oleic Acid (9c-18:1) (% (w/w)) | 2124 | 0.2050 | 0.0100 | | | | | 1 | 724.99 | 0 |
| 726 | Linoleic Acid (9c,12c-18:2) (% (w/w)) | 2124 | 0.5800 | 0.0000 | | | | | 1 | 726.99 | 0 |
| 728 | alpha-Linolenic Acid (9c,12c,15c-18:3) (% (w/v | 2124 | 0.1500 | 0.0000 | | | | | 1 | 728.99 | 0 |
| 740 | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c | 2124 | < 0.01 | | | | | | 0 | 740.99 | 5 |
| 750 | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c | 2124 | < 0.01 | | | | | | 0 | 750.99 | 5 |
| 754 | Total n-3 Polyunsaturated (Omega-3) Fatty Acids | 2124 | 0.1500 | 0.0000 | | | | | 1 | 754.99 | 0 |
| 756 | Total n-6 Polyunsaturated (Omega-6) Fatty Acids | 2124 | 0.5800 | 0.0000 | | | | | 1 | 756.99 | 0 |
| 772 | Total Fatty Acids (% (w/w)) | 2124 | 1.180 | 0.0200 | | | | | 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.