

Swine Feed, Medicated

Animal Feed Scheme

Labs Reporting: 202

Test Material Code # 201822

Method Proficiency Testing Report

Issue Date : 03/31/2018

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 000.02 | Urea, As protein, Colorimetric (%) | 0278 | 0.15000 | 0.10000 | | | | 1 | | | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0027 | 8.2235 | 0.02100 | 8.4547 | 0.19876 | 0.02433 | 6 | -1.16 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0309 | 8.3500 | 0.00000 | 8.4547 | 0.19876 | 0.02433 | 6 | -0.53 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0169 | 8.4100 | 0.00000 | 8.4547 | 0.19876 | 0.02433 | 6 | -0.22 | 0% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0504 | 8.4750 | 0.01000 | 8.4547 | 0.19876 | 0.02433 | 6 | 0.10 | 0% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0016 | 8.5300 | 0.10000 | 8.4547 | 0.19876 | 0.02433 | 6 | 0.38 | 0% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0183 | 8.7395 | 0.01500 | 8.4547 | 0.19876 | 0.02433 | 6 | 1.43 | 2% | 0 |
| 001.00 | Loss on Drying, Vac 95°C 5 hr (%) | 0596 | 383.71 | 752.59 | 8.4547 | 0.19876 | 0.02433 | 6 | 1887.94 | 2219% | 2 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0186 | 8.1700 | 0.08000 | 8.3508 | 0.21713 | 0.03469 | 7 | -0.83 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0619 | 8.2050 | 0.07000 | 8.3508 | 0.21713 | 0.03469 | 7 | -0.67 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0895 | 8.2050 | 0.01000 | 8.3508 | 0.21713 | 0.03469 | 7 | -0.67 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0868 | 8.2750 | 0.01000 | 8.3508 | 0.21713 | 0.03469 | 7 | -0.35 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0878 | 8.3750 | 0.05000 | 8.3508 | 0.21713 | 0.03469 | 7 | 0.11 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0893 | 8.5900 | 0.00000 | 8.3508 | 0.21713 | 0.03469 | 7 | 1.10 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 2062 | 8.6358 | 0.02280 | 8.3508 | 0.21713 | 0.03469 | 7 | 1.31 | 2% | 0 |
| 001.05 | Loss on Drying, LECO (%) | 0610 | 8.2050 | 0.09000 | | | | 2 | | | 0 |
| 001.05 | Loss on Drying, LECO (%) | 0644 | 8.3750 | 0.01000 | | | | 2 | | | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0618 | 6.6250 | 0.21000 | 8.3540 | 0.25008 | 0.11097 | 43 | -6.91 | 10% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0609 | 7.8500 | 0.10000 | 8.3540 | 0.25008 | 0.11097 | 43 | -2.02 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2146 | 7.9350 | 0.03000 | 8.3540 | 0.25008 | 0.11097 | 43 | -1.68 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2145 | 8.0100 | 0.04000 | 8.3540 | 0.25008 | 0.11097 | 43 | -1.38 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0089 | 8.0800 | 0.00000 | 8.3540 | 0.25008 | 0.11097 | 43 | -1.10 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2009 | 8.1234 | 0.02990 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.92 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0083 | 8.1300 | 0.06000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.90 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0675 | 8.1500 | 0.08000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.82 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0683 | 8.1500 | 0.28000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.82 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2012 | 8.1550 | 0.01000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.80 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0003 | 8.1900 | 0.04000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.66 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0139 | 8.2000 | 0.04000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.62 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0171 | 8.2250 | 0.01000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.52 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2059 | 8.2300 | 0.02000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.50 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0226 | 8.2500 | 0.10000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.42 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2195 | 8.2550 | 0.01000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.40 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0638 | 8.3000 | 0.04000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.22 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2053 | 8.3100 | 0.02000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.18 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2190 | 8.3150 | 0.45000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.16 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0571 | 8.3300 | 0.16000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.10 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0849 | 8.3300 | 0.04000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.10 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2109 | 8.3300 | 0.26000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.10 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0590 | 8.3400 | 0.54000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.06 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0045 | 8.3500 | 0.12000 | 8.3540 | 0.25008 | 0.11097 | 43 | -0.02 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0015 | 8.3700 | 0.08000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.06 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0049 | 8.3800 | 0.42000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.10 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0199 | 8.3950 | 0.01000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.16 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0581 | 8.4000 | 0.12000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.18 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0187 | 8.4100 | 0.00000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.22 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0413 | 8.4500 | 0.10000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.38 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0407 | 8.4738 | 0.07480 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.48 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0142 | 8.5000 | 0.06000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.58 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0689 | 8.5000 | 0.00000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.58 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0098 | 8.5450 | 0.07000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.76 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0035 | 8.5650 | 0.01000 | 8.3540 | 0.25008 | 0.11097 | 43 | 0.84 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0353 | 8.6100 | 0.12000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.02 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0876 | 8.6500 | 0.10000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.18 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0693 | 8.6675 | 0.39700 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.25 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0843 | 8.7150 | 0.21000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.44 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0872 | 8.7150 | 0.05000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.44 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 2192 | 8.7650 | 0.03000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.64 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0278 | 8.8250 | 0.09000 | 8.3540 | 0.25008 | 0.11097 | 43 | 1.88 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0019 | 8.9400 | 0.14000 | 8.3540 | 0.25008 | 0.11097 | 43 | 2.34 | 4% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0038 | 7.0300 | 0.88000 | 8.3540 | 0.25008 | 0.11097 | 43 | -5.29 | 8% | 1 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0074 | 7.8950 | 0.79000 | 8.3540 | 0.25008 | 0.11097 | 43 | -1.84 | 3% | 1 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0618 | 6.5200 | 0.12000 | 8.1230 | 0.43278 | 0.16555 | 19 | -3.70 | 10% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 2155 | 7.4300 | 0.70000 | 8.1230 | 0.43278 | 0.16555 | 19 | -1.60 | 4% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0536 | 7.5300 | 0.74000 | 8.1230 | 0.43278 | 0.16555 | 19 | -1.37 | 4% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0630 | 7.7150 | 0.01000 | 8.1230 | 0.43278 | 0.16555 | 19 | -0.94 | 3% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0889 | 7.7700 | 0.02000 | 8.1230 | 0.43278 | 0.16555 | 19 | -0.82 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0918 | 7.9200 | 0.06000 | 8.1230 | 0.43278 | 0.16555 | 19 | -0.47 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0948 | 8.0050 | 0.17000 | 8.1230 | 0.43278 | 0.16555 | 19 | -0.27 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0510 | 8.0500 | 0.10000 | 8.1230 | 0.43278 | 0.16555 | 19 | -0.17 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 2126 | 8.1700 | 0.02000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.11 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0034 | 8.2850 | 0.25000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.37 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0612 | 8.2850 | 0.27000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.37 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0904 | 8.3150 | 0.25000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.44 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0676 | 8.3700 | 0.16000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.57 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0505 | 8.4150 | 0.03000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.67 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0357 | 8.4196 | 0.00550 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.69 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0656 | 8.4500 | 0.06000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.76 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0910 | 8.4500 | 0.10000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.76 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0912 | 8.4750 | 0.03000 | 8.1230 | 0.43278 | 0.16555 | 19 | 0.81 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0037 | 8.7650 | 0.05000 | 8.1230 | 0.43278 | 0.16555 | 19 | 1.48 | 4% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0560 | 7.6100 | 1.4600 | 8.1230 | 0.43278 | 0.16555 | 19 | -1.19 | 3% | 1 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0889 | 14.910 | 0.28000 | 18.459 | 0.24763 | 0.17665 | 17 | -14.33 | 10% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0910 | 18.150 | 0.70000 | 18.459 | 0.24763 | 0.17665 | 17 | -1.25 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0199 | 18.180 | 0.08000 | 18.459 | 0.24763 | 0.17665 | 17 | -1.12 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0870 | 18.255 | 0.21300 | 18.459 | 0.24763 | 0.17665 | 17 | -0.82 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 2188 | 18.280 | 0.00000 | 18.459 | 0.24763 | 0.17665 | 17 | -0.72 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0653 | 18.360 | 0.02000 | 18.459 | 0.24763 | 0.17665 | 17 | -0.40 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0043 | 18.420 | 0.24000 | 18.459 | 0.24763 | 0.17665 | 17 | -0.16 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0968 | 18.467 | 0.06900 | 18.459 | 0.24763 | 0.17665 | 17 | 0.03 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0610 | 18.470 | 0.06000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.05 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0685 | 18.510 | 0.04000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.21 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 2196 | 18.520 | 0.00000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.25 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 2195 | 18.550 | 0.02000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.37 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0164 | 18.580 | 0.16000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.49 | 0% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0652 | 18.650 | 0.50000 | 18.459 | 0.24763 | 0.17665 | 17 | 0.77 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0656 | 18.730 | 0.08000 | 18.459 | 0.24763 | 0.17665 | 17 | 1.10 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0152 | 18.758 | 0.05100 | 18.459 | 0.24763 | 0.17665 | 17 | 1.21 | 1% | 0 |
| 002.01 | Protein, Crude, Auto Kjel-Foss (%) | 0183 | 22.725 | 0.49000 | 18.459 | 0.24763 | 0.17665 | 17 | 17.23 | 12% | 0 |
| 002.02 | Protein, Crude, Semiauto Autoanalyzer (%) | 0169 | 18.095 | 0.07000 | 18.337 | 0.33939 | 0.05983 | 4 | | | 0 |
| 002.02 | Protein, Crude, Semiauto Autoanalyzer (%) | 2193 | 18.110 | 0.02000 | 18.337 | 0.33939 | 0.05983 | 4 | | | 0 |
| 002.02 | Protein, Crude, Semiauto Autoanalyzer (%) | 0042 | 18.320 | 0.06000 | 18.337 | 0.33939 | 0.05983 | 4 | | | 0 |
| 002.02 | Protein, Crude, Semiauto Autoanalyzer (%) | 0036 | 18.822 | 0.08930 | 18.337 | 0.33939 | 0.05983 | 4 | | | 0 |
| 002.03 | Protein, Crude, Hach Method (%) | 0536 | 16.790 | 1.5800 | | | | 1 | | | 0 |
| 002.04 | Protein, Crude, Copper Catalyst (%) | 0874 | 17.785 | 0.35000 | 18.284 | 0.37780 | 0.32025 | 4 | | | 0 |
| 002.04 | Protein, Crude, Copper Catalyst (%) | 0504 | 18.200 | 0.72000 | 18.284 | 0.37780 | 0.32025 | 4 | | | 0 |
| 002.04 | Protein, Crude, Copper Catalyst (%) | 0187 | 18.540 | 0.06000 | 18.284 | 0.37780 | 0.32025 | 4 | | | 0 |
| 002.04 | Protein, Crude, Copper Catalyst (%) | 0638 | 18.611 | 0.15100 | 18.284 | 0.37780 | 0.32025 | 4 | | | 0 |
| 002.04 | Protein, Crude, Copper Catalyst (%) | 0405 | 24.705 | 0.55000 | 18.284 | 0.37780 | 0.32025 | 4 | | | 2 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2161 | 17.985 | 0.01000 | 18.333 | 0.20970 | 0.07107 | 32 | -1.66 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0651 | 17.988 | 0.01600 | 18.333 | 0.20970 | 0.07107 | 32 | -1.65 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0536 | 18.035 | 0.05000 | 18.333 | 0.20970 | 0.07107 | 32 | -1.42 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0722 | 18.059 | 0.00000 | 18.333 | 0.20970 | 0.07107 | 32 | -1.31 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2190 | 18.075 | 0.07000 | 18.333 | 0.20970 | 0.07107 | 32 | -1.23 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0885 | 18.114 | 0.03650 | 18.333 | 0.20970 | 0.07107 | 32 | -1.05 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0622 | 18.153 | 0.05920 | 18.333 | 0.20970 | 0.07107 | 32 | -0.86 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0893 | 18.220 | 0.00000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.54 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0897 | 18.225 | 0.05000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.52 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2109 | 18.225 | 0.07000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.52 | 0% | 0 |

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|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0895 | 18.235 | 0.01000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.47 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0619 | 18.250 | 0.30000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.40 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2073 | 18.250 | 0.04000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.40 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0675 | 18.300 | 0.00000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.16 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0868 | 18.340 | 0.00000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.03 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0354 | 18.345 | 0.01000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.06 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0674 | 18.350 | 0.00000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.08 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2146 | 18.375 | 0.23000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.20 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2022 | 18.390 | 0.12000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.27 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0881 | 18.435 | 0.01500 | 18.333 | 0.20970 | 0.07107 | 32 | 0.48 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0878 | 18.445 | 0.05000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.53 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0939 | 18.460 | 0.10000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.60 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0941 | 18.460 | 0.02000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.60 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0948 | 18.465 | 0.03000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.63 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0689 | 18.500 | 0.40000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.79 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2181 | 18.505 | 0.05000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.82 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0683 | 18.515 | 0.33000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.87 | 0% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2062 | 18.519 | 0.03960 | 18.333 | 0.20970 | 0.07107 | 32 | 0.89 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2145 | 18.530 | 0.02000 | 18.333 | 0.20970 | 0.07107 | 32 | 0.94 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2009 | 18.558 | 0.08790 | 18.333 | 0.20970 | 0.07107 | 32 | 1.07 | 1% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2012 | 19.035 | 0.05000 | 18.333 | 0.20970 | 0.07107 | 32 | 3.35 | 2% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 0952 | 19.215 | 0.01000 | 18.333 | 0.20970 | 0.07107 | 32 | 4.20 | 2% | 0 |
| 002.05 | Protein, Crude, Copper, Boric Acid (%) | 2006 | 18.270 | 0.44000 | 18.333 | 0.20970 | 0.07107 | 32 | -0.30 | 0% | 1 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0062 | 17.200 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -5.06 | 4% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2161 | 17.535 | 0.31000 | 18.654 | 0.28731 | 0.19837 | 133 | -3.89 | 3% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0539 | 17.775 | 0.25000 | 18.654 | 0.28731 | 0.19837 | 133 | -3.06 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0676 | 17.810 | 0.50000 | 18.654 | 0.28731 | 0.19837 | 133 | -2.94 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0921 | 18.080 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | -2.00 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2126 | 18.090 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.96 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0018 | 18.185 | 0.31000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.63 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0098 | 18.250 | 0.50000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.41 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2155 | 18.274 | 0.06300 | 18.654 | 0.28731 | 0.19837 | 133 | -1.32 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0955 | 18.300 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.23 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0581 | 18.300 | 0.18000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.23 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0939 | 18.300 | 0.04000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.23 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0123 | 18.315 | 0.07000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.18 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0019 | 18.320 | 0.12000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.16 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2190 | 18.330 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.13 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0505 | 18.345 | 0.11000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.08 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0345 | 18.350 | 0.30000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.06 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0592 | 18.355 | 0.05000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.04 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0043 | 18.355 | 0.13000 | 18.654 | 0.28731 | 0.19837 | 133 | -1.04 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0644 | 18.361 | 0.14400 | 18.654 | 0.28731 | 0.19837 | 133 | -1.02 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0049 | 18.370 | 0.50000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.99 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0646 | 18.385 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.94 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0868 | 18.390 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.92 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0948 | 18.395 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.90 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0872 | 18.395 | 0.23000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.90 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0693 | 18.397 | 0.30200 | 18.654 | 0.28731 | 0.19837 | 133 | -0.89 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0171 | 18.405 | 0.19000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.87 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0038 | 18.408 | 0.69500 | 18.654 | 0.28731 | 0.19837 | 133 | -0.86 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0508 | 18.410 | 0.05100 | 18.654 | 0.28731 | 0.19837 | 133 | -0.85 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0598 | 18.430 | 0.16000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.78 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2168 | 18.435 | 0.05000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.76 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0682 | 18.450 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.71 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0859 | 18.464 | 0.48700 | 18.654 | 0.28731 | 0.19837 | 133 | -0.66 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0009 | 18.470 | 0.02000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.64 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0226 | 18.475 | 0.15000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.62 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0861 | 18.490 | 0.14000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.57 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0294 | 18.500 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.54 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0100 | 18.505 | 0.31000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.52 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0904 | 18.510 | 0.26000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.50 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0626 | 18.516 | 0.06500 | 18.654 | 0.28731 | 0.19837 | 133 | -0.48 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0108 | 18.525 | 0.29000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.45 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0003 | 18.535 | 0.13000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.41 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0144 | 18.535 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.41 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0918 | 18.535 | 0.81000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.41 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0164 | 18.540 | 0.14000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.40 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0139 | 18.545 | 0.15000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.38 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0016 | 18.550 | 0.30000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.36 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0033 | 18.550 | 0.30000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.36 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0017 | 18.550 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.36 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0504 | 18.550 | 0.04000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.36 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0242 | 18.570 | 0.04000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.29 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0298 | 18.570 | 0.02000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.29 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2150 | 18.571 | 0.42900 | 18.654 | 0.28731 | 0.19837 | 133 | -0.29 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2089 | 18.590 | 0.16000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.22 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0964 | 18.595 | 0.00700 | 18.654 | 0.28731 | 0.19837 | 133 | -0.21 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0045 | 18.600 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0175 | 18.600 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0278 | 18.600 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0610 | 18.600 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0619 | 18.600 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0848 | 18.600 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.19 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0148 | 18.605 | 0.13000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.17 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0199 | 18.610 | 0.02000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.15 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0609 | 18.615 | 0.05000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.14 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0229 | 18.620 | 0.12000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.12 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0357 | 18.625 | 0.12500 | 18.654 | 0.28731 | 0.19837 | 133 | -0.10 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0083 | 18.635 | 0.31000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.07 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0010 | 18.650 | 0.50000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.01 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0042 | 18.650 | 0.46000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.01 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0650 | 18.650 | 0.90000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.01 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0692 | 18.650 | 0.50000 | 18.654 | 0.28731 | 0.19837 | 133 | -0.01 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0857 | 18.660 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.02 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0074 | 18.665 | 0.15000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.04 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0546 | 18.667 | 0.05500 | 18.654 | 0.28731 | 0.19837 | 133 | 0.04 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0027 | 18.669 | 0.13800 | 18.654 | 0.28731 | 0.19837 | 133 | 0.05 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0035 | 18.670 | 0.14000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.06 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0726 | 18.685 | 0.13000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.11 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0675 | 18.695 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.14 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0208 | 18.700 | 0.40000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.16 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0884 | 18.700 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.16 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0510 | 18.700 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.16 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0004 | 18.710 | 0.38000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.20 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0870 | 18.715 | 0.15560 | 18.654 | 0.28731 | 0.19837 | 133 | 0.21 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0089 | 18.715 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.21 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0354 | 18.715 | 0.03000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.21 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0589 | 18.715 | 0.47000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.21 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0843 | 18.725 | 0.03000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.25 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2053 | 18.725 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.25 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0553 | 18.733 | 0.17100 | 18.654 | 0.28731 | 0.19837 | 133 | 0.27 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0190 | 18.745 | 0.09000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.32 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0353 | 18.760 | 0.14000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.37 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0015 | 18.770 | 0.64000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.40 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0358 | 18.770 | 0.06000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.40 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2178 | 18.776 | 0.07300 | 18.654 | 0.28731 | 0.19837 | 133 | 0.42 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0142 | 18.785 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.46 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0571 | 18.795 | 0.03000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.49 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0596 | 18.795 | 0.15000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.49 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0407 | 18.799 | 0.35400 | 18.654 | 0.28731 | 0.19837 | 133 | 0.50 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0956 | 18.800 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.51 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0910 | 18.800 | 0.00000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.51 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0309 | 18.803 | 0.24150 | 18.654 | 0.28731 | 0.19837 | 133 | 0.52 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0037 | 18.825 | 0.73000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.60 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0034 | 18.829 | 0.00100 | 18.654 | 0.28731 | 0.19837 | 133 | 0.61 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0006 | 18.830 | 0.54000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.61 | 0% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0014 | 18.850 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.68 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0590 | 18.850 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.68 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0630 | 18.895 | 0.33000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.84 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0541 | 18.905 | 0.53000 | 18.654 | 0.28731 | 0.19837 | 133 | 0.87 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0425 | 18.945 | 0.15000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.01 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0186 | 18.950 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.03 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0413 | 18.950 | 0.30000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.03 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0683 | 18.970 | 0.22000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.10 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2006 | 18.990 | 0.08000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.17 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0263 | 18.997 | 0.14970 | 18.654 | 0.28731 | 0.19837 | 133 | 1.19 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0687 | 19.000 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.20 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0968 | 19.064 | 0.05800 | 18.654 | 0.28731 | 0.19837 | 133 | 1.43 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0233 | 19.075 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.47 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0036 | 19.085 | 0.01000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.50 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0300 | 19.088 | 0.13800 | 18.654 | 0.28731 | 0.19837 | 133 | 1.51 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0001 | 19.090 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.52 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0520 | 19.100 | 0.40000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.55 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2059 | 19.103 | 0.11880 | 18.654 | 0.28731 | 0.19837 | 133 | 1.56 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0574 | 19.135 | 0.13000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.67 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0047 | 19.150 | 0.56000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.73 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2066 | 19.150 | 0.10000 | 18.654 | 0.28731 | 0.19837 | 133 | 1.73 | 1% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0511 | 19.245 | 0.27000 | 18.654 | 0.28731 | 0.19837 | 133 | 2.06 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0011 | 19.270 | 0.32000 | 18.654 | 0.28731 | 0.19837 | 133 | 2.14 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2081 | 19.335 | 0.19000 | 18.654 | 0.28731 | 0.19837 | 133 | 2.37 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2076 | 19.395 | 0.51200 | 18.654 | 0.28731 | 0.19837 | 133 | 2.58 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2129 | 19.500 | 0.20000 | 18.654 | 0.28731 | 0.19837 | 133 | 2.94 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0618 | 19.574 | 0.40900 | 18.654 | 0.28731 | 0.19837 | 133 | 3.20 | 2% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0953 | 19.675 | 0.87000 | 18.654 | 0.28731 | 0.19837 | 133 | 3.55 | 3% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 2012 | 19.710 | 0.04000 | 18.654 | 0.28731 | 0.19837 | 133 | 3.68 | 3% | 0 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0612 | 18.620 | 1.4400 | 18.654 | 0.28731 | 0.19837 | 133 | -0.12 | 0% | 1 |
| 002.06 | Protein, Crude, Combustion Nitrogen Analyzer (%) | 0876 | 21.225 | 0.23000 | 18.654 | 0.28731 | 0.19837 | 133 | 8.95 | 7% | 2 |
| 002.08 | Protein, Crude, Cu/Ti (%) | 0563 | 18.488 | 0.00130 | | | | 2 | | | 0 |
| 002.08 | Protein, Crude, Cu/Ti (%) | 0098 | 18.630 | 0.08000 | | | | 2 | | | 0 |
| 002.11 | Protein, Crude, NIR (%) | 0889 | 19.515 | 0.29000 | 20.836 | 1.1830 | 0.23513 | 8 | -1.12 | 3% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 2192 | 19.580 | 0.36000 | 20.836 | 1.1830 | 0.23513 | 8 | -1.06 | 3% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 2190 | 19.970 | 0.06000 | 20.836 | 1.1830 | 0.23513 | 8 | -0.73 | 2% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 0553 | 20.610 | 0.64000 | 20.836 | 1.1830 | 0.23513 | 8 | -0.19 | 1% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 2128 | 21.522 | 0.09100 | 20.836 | 1.1830 | 0.23513 | 8 | 0.58 | 2% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 0011 | 21.650 | 0.00000 | 20.836 | 1.1830 | 0.23513 | 8 | 0.69 | 2% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 2121 | 21.845 | 0.21000 | 20.836 | 1.1830 | 0.23513 | 8 | 0.85 | 2% | 0 |
| 002.11 | Protein, Crude, NIR (%) | 2120 | 21.995 | 0.23000 | 20.836 | 1.1830 | 0.23513 | 8 | 0.98 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 002.99 | Protein, Crude, Miscellaneous (%) | 2105 | 18.515 | 2.6300 | | | | 2 | | | 0 |
| 002.99 | Protein, Crude, Miscellaneous (%) | 0643 | 18.680 | 0.10000 | | | | 2 | | | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0142 | 2.3900 | 0.20000 | 3.6127 | 0.39978 | 0.11217 | 16 | -3.06 | 17% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0885 | 2.8909 | 0.15810 | 3.6127 | 0.39978 | 0.11217 | 16 | -1.81 | 10% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0939 | 3.0850 | 0.43000 | 3.6127 | 0.39978 | 0.11217 | 16 | -1.32 | 7% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 2190 | 3.2250 | 0.03000 | 3.6127 | 0.39978 | 0.11217 | 16 | -0.97 | 5% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0035 | 3.5200 | 0.04000 | 3.6127 | 0.39978 | 0.11217 | 16 | -0.23 | 1% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0309 | 3.5472 | 0.01660 | 3.6127 | 0.39978 | 0.11217 | 16 | -0.16 | 1% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0017 | 3.7000 | 0.40000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.22 | 1% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 2053 | 3.7300 | 0.14000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.29 | 2% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0152 | 3.7500 | 0.10000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.34 | 2% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0653 | 3.7550 | 0.03000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.36 | 2% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 2109 | 3.7550 | 0.01000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.36 | 2% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0175 | 3.8350 | 0.09000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.56 | 3% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 2192 | 3.8350 | 0.01000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.56 | 3% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0345 | 3.8750 | 0.05000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.66 | 4% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 2126 | 4.0000 | 0.02000 | 3.6127 | 0.39978 | 0.11217 | 16 | 0.97 | 5% | 0 |
| 003.00 | Fat, Crude, Diethyl Ether Ext., Direct (%) | 0596 | 4.1650 | 0.07000 | 3.6127 | 0.39978 | 0.11217 | 16 | 1.38 | 8% | 0 |
| 003.01 | Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%) | 0504 | 3.5350 | 0.61000 | | | | 1 | | | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0563 | 3.2598 | 0.17140 | 3.6849 | 0.15651 | 0.11355 | 19 | -2.72 | 6% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0169 | 3.2900 | 0.02000 | 3.6849 | 0.15651 | 0.11355 | 19 | -2.52 | 5% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0644 | 3.5280 | 0.11600 | 3.6849 | 0.15651 | 0.11355 | 19 | -1.00 | 2% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0229 | 3.5310 | 0.02000 | 3.6849 | 0.15651 | 0.11355 | 19 | -0.98 | 2% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0425 | 3.5850 | 0.03000 | 3.6849 | 0.15651 | 0.11355 | 19 | -0.64 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 2181 | 3.6050 | 0.23000 | 3.6849 | 0.15651 | 0.11355 | 19 | -0.51 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0687 | 3.6250 | 0.25000 | 3.6849 | 0.15651 | 0.11355 | 19 | -0.38 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0689 | 3.6500 | 0.10000 | 3.6849 | 0.15651 | 0.11355 | 19 | -0.22 | 0% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0918 | 3.7000 | 0.04000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.10 | 0% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0910 | 3.7150 | 0.05000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.19 | 0% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0511 | 3.7350 | 0.37000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.32 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0148 | 3.7400 | 0.02000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.35 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 2066 | 3.7400 | 0.10000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.35 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0294 | 3.7500 | 0.04000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.42 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0884 | 3.7500 | 0.30000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.42 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0164 | 3.7650 | 0.19000 | 3.6849 | 0.15651 | 0.11355 | 19 | 0.51 | 1% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0083 | 3.8550 | 0.09000 | 3.6849 | 0.15651 | 0.11355 | 19 | 1.09 | 2% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0682 | 3.9400 | 0.00000 | 3.6849 | 0.15651 | 0.11355 | 19 | 1.63 | 3% | 0 |
| 003.06 | Fat, Crude, Pet Ether (%) | 0199 | 4.2400 | 0.02000 | 3.6849 | 0.15651 | 0.11355 | 19 | 3.55 | 8% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0263 | 3.0333 | 0.01990 | 3.7052 | 0.22423 | 0.07013 | 22 | -3.00 | 9% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0027 | 3.3805 | 0.01300 | 3.7052 | 0.22423 | 0.07013 | 22 | -1.45 | 4% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0675 | 3.3850 | 0.01000 | 3.7052 | 0.22423 | 0.07013 | 22 | -1.43 | 4% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 2012 | 3.4200 | 0.14000 | 3.7052 | 0.22423 | 0.07013 | 22 | -1.27 | 4% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0948 | 3.5100 | 0.02000 | 3.7052 | 0.22423 | 0.07013 | 22 | -0.87 | 3% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0722 | 3.5854 | 0.14000 | 3.7052 | 0.22423 | 0.07013 | 22 | -0.53 | 2% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0674 | 3.6300 | 0.00000 | 3.7052 | 0.22423 | 0.07013 | 22 | -0.34 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0685 | 3.6400 | 0.00000 | 3.7052 | 0.22423 | 0.07013 | 22 | -0.29 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0004 | 3.6850 | 0.01000 | 3.7052 | 0.22423 | 0.07013 | 22 | -0.09 | 0% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0038 | 3.7100 | 0.10000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.02 | 0% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0098 | 3.7150 | 0.03000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.04 | 0% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0508 | 3.7670 | 0.15600 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.28 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0590 | 3.7750 | 0.15000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.31 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0354 | 3.7850 | 0.03000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.36 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0638 | 3.8000 | 0.10000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.42 | 1% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0353 | 3.8300 | 0.08000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.56 | 2% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0964 | 3.8310 | 0.05400 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.56 | 2% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0510 | 3.8500 | 0.10000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.65 | 2% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0630 | 3.8750 | 0.11000 | 3.7052 | 0.22423 | 0.07013 | 22 | 0.76 | 2% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0505 | 3.9300 | 0.06000 | 3.7052 | 0.22423 | 0.07013 | 22 | 1.00 | 3% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0656 | 4.0000 | 0.06000 | 3.7052 | 0.22423 | 0.07013 | 22 | 1.31 | 4% | 0 |
| 003.09 | Fat, Crude, Randall, Diethyl Ether Ext (%) | 0226 | 4.7900 | 0.16000 | 3.7052 | 0.22423 | 0.07013 | 22 | 4.84 | 15% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0619 | 2.3450 | 0.07000 | 3.5331 | 0.23224 | 0.09677 | 32 | -5.12 | 17% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0952 | 2.5700 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | -4.15 | 14% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0897 | 2.7300 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | -3.46 | 11% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0062 | 3.1000 | 0.40000 | 3.5331 | 0.23224 | 0.09677 | 32 | -1.86 | 6% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0553 | 3.2550 | 0.07000 | 3.5331 | 0.23224 | 0.09677 | 32 | -1.20 | 4% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0098 | 3.3350 | 0.15000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.85 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0298 | 3.3500 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.79 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2196 | 3.3700 | 0.00000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.70 | 2% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2155 | 3.3795 | 0.38300 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.66 | 2% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2022 | 3.3900 | 0.08000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.62 | 2% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0861 | 3.4150 | 0.05000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.51 | 2% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2073 | 3.4950 | 0.17000 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.16 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0870 | 3.5038 | 0.27100 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.13 | 0% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0036 | 3.5092 | 0.01760 | 3.5331 | 0.23224 | 0.09677 | 32 | -0.10 | 0% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0881 | 3.5410 | 0.05000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.03 | 0% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0042 | 3.5650 | 0.29000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.14 | 0% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0693 | 3.5865 | 0.00300 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.23 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0868 | 3.6100 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.33 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0233 | 3.6150 | 0.03000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.35 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0045 | 3.6250 | 0.09000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.40 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0242 | 3.6300 | 0.04000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.42 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0651 | 3.6310 | 0.07600 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.42 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0100 | 3.6350 | 0.15000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.44 | 1% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2009 | 3.6728 | 0.06490 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.60 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0689 | 3.7000 | 0.00000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.72 | 2% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0889 | 3.7300 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.85 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2188 | 3.7400 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.89 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0676 | 3.7550 | 0.05000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.96 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 2195 | 3.7550 | 0.07000 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.96 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0618 | 3.7625 | 0.05100 | 3.5331 | 0.23224 | 0.09677 | 32 | 0.99 | 3% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0609 | 3.9400 | 0.02000 | 3.5331 | 0.23224 | 0.09677 | 32 | 1.75 | 6% | 0 |
| 003.10 | Fat, Crude, Randall, Pet Ether (%) | 0541 | 5.4450 | 0.33000 | 3.5331 | 0.23224 | 0.09677 | 32 | 8.23 | 27% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 2120 | 2.5300 | 0.12000 | 3.6681 | 0.83249 | 0.08006 | 7 | -1.37 | 16% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 2121 | 2.8650 | 0.01000 | 3.6681 | 0.83249 | 0.08006 | 7 | -0.96 | 11% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 2128 | 3.5170 | 0.02040 | 3.6681 | 0.83249 | 0.08006 | 7 | -0.18 | 2% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 0553 | 3.9050 | 0.03000 | 3.6681 | 0.83249 | 0.08006 | 7 | 0.28 | 3% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 0011 | 4.0800 | 0.00000 | 3.6681 | 0.83249 | 0.08006 | 7 | 0.49 | 6% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 0889 | 4.3550 | 0.27000 | 3.6681 | 0.83249 | 0.08006 | 7 | 0.83 | 9% | 0 |
| 003.11 | Fat, Crude, NIR (%) | 2105 | 4.4250 | 0.11000 | 3.6681 | 0.83249 | 0.08006 | 7 | 0.91 | 10% | 0 |
| 003.12 | Fat, Crude, Hexane Ext (%) | 0893 | 2.3700 | 0.00000 | | | | 3 | | | 0 |
| 003.12 | Fat, Crude, Hexane Ext (%) | 0895 | 3.3050 | 0.01000 | | | | 3 | | | 0 |
| 003.12 | Fat, Crude, Hexane Ext (%) | 2062 | 3.6795 | 0.00430 | | | | 3 | | | 0 |
| 003.12 | Fat, Crude, Hexane Ext (%) | 0171 | 3.3250 | 0.47000 | | | | 3 | | | 1 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 0033 | 3.4300 | 0.08000 | 3.6114 | 0.17262 | 0.14857 | 7 | -1.05 | 3% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 0208 | 3.4350 | 0.17000 | 3.6114 | 0.17262 | 0.14857 | 7 | -1.02 | 2% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 2006 | 3.5300 | 0.04000 | 3.6114 | 0.17262 | 0.14857 | 7 | -0.47 | 1% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 0123 | 3.6200 | 0.14000 | 3.6114 | 0.17262 | 0.14857 | 7 | 0.05 | 0% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 0187 | 3.6900 | 0.28000 | 3.6114 | 0.17262 | 0.14857 | 7 | 0.46 | 1% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 0098 | 3.7800 | 0.32000 | 3.6114 | 0.17262 | 0.14857 | 7 | 0.98 | 2% | 0 |
| 003.13 | Fat, Crude, Randall, Hexane Ext. (%) | 2089 | 3.7950 | 0.01000 | 3.6114 | 0.17262 | 0.14857 | 7 | 1.06 | 3% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0357 | 1.4500 | 0.30000 | 3.0292 | 0.48828 | 0.12439 | 41 | -3.23 | 26% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0034 | 1.7300 | 0.50000 | 3.0292 | 0.48828 | 0.12439 | 41 | -2.66 | 21% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0019 | 2.1850 | 0.11000 | 3.0292 | 0.48828 | 0.12439 | 41 | -1.73 | 14% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0848 | 2.2050 | 0.09000 | 3.0292 | 0.48828 | 0.12439 | 41 | -1.69 | 14% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0574 | 2.2700 | 0.14000 | 3.0292 | 0.48828 | 0.12439 | 41 | -1.55 | 13% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0912 | 2.4300 | 0.08000 | 3.0292 | 0.48828 | 0.12439 | 41 | -1.23 | 10% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0175 | 2.5350 | 0.07000 | 3.0292 | 0.48828 | 0.12439 | 41 | -1.01 | 8% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 2076 | 2.6525 | 0.17900 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.77 | 6% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0186 | 2.7250 | 0.09000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.62 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 2129 | 2.7600 | 0.32000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.55 | 4% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0956 | 2.8000 | 0.00000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.47 | 4% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0520 | 2.8750 | 0.15000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.32 | 3% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0968 | 2.8760 | 0.04200 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.31 | 3% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0144 | 2.8850 | 0.01000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.30 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0948 | 2.8850 | 0.15000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.30 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0581 | 2.8950 | 0.07000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.27 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 003.14 | Fat, Crude, Ankom (%) | 0004 | 2.9050 | 0.17000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.25 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0037 | 2.9050 | 0.11000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.25 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0843 | 2.9050 | 0.11000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.25 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0049 | 2.9100 | 0.00000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.24 | 2% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0358 | 2.9550 | 0.05000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.15 | 1% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 2146 | 2.9800 | 0.18000 | 3.0292 | 0.48828 | 0.12439 | 41 | -0.10 | 1% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0878 | 3.0450 | 0.03000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.03 | 0% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0683 | 3.0850 | 0.07000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.11 | 1% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0089 | 3.2200 | 0.00000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.39 | 3% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0692 | 3.2500 | 0.10000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.45 | 4% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0001 | 3.2670 | 0.15400 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.49 | 4% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0229 | 3.3165 | 0.01100 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.59 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0682 | 3.3200 | 0.00000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.60 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0190 | 3.3500 | 0.16000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.66 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0619 | 3.3550 | 0.11000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.67 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0876 | 3.3600 | 0.16000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.68 | 5% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0407 | 3.3881 | 0.13880 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.74 | 6% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0598 | 3.4100 | 0.40000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.78 | 6% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0278 | 3.4500 | 0.10000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.86 | 7% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0183 | 3.5375 | 0.25500 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.04 | 8% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0009 | 3.5800 | 0.06000 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.13 | 9% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0015 | 3.6150 | 0.01000 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.20 | 10% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0108 | 3.8300 | 0.30000 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.64 | 13% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0413 | 3.8500 | 0.10000 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.68 | 14% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0726 | 3.8500 | 0.02000 | 3.0292 | 0.48828 | 0.12439 | 41 | 1.68 | 14% | 0 |
| 003.14 | Fat, Crude, Ankom (%) | 0074 | 3.4950 | 0.71000 | 3.0292 | 0.48828 | 0.12439 | 41 | 0.95 | 8% | 1 |
| 003.99 | Fat, Crude, Miscellaneous (%) | 0546 | 3.3700 | 0.02000 | 3.8700 | 0.62275 | 0.18000 | 5 | | | 0 |
| 003.99 | Fat, Crude, Miscellaneous (%) | 2193 | 3.5200 | 0.36000 | 3.8700 | 0.62275 | 0.18000 | 5 | | | 0 |
| 003.99 | Fat, Crude, Miscellaneous (%) | 0536 | 3.5450 | 0.15000 | 3.8700 | 0.62275 | 0.18000 | 5 | | | 0 |
| 003.99 | Fat, Crude, Miscellaneous (%) | 0941 | 4.0200 | 0.02000 | 3.8700 | 0.62275 | 0.18000 | 5 | | | 0 |
| 003.99 | Fat, Crude, Miscellaneous (%) | 0914 | 4.8950 | 0.35000 | 3.8700 | 0.62275 | 0.18000 | 5 | | | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0169 | 2.9800 | 0.02000 | 3.6362 | 0.26008 | 0.18493 | 21 | -2.52 | 9% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0171 | 3.2800 | 0.20000 | 3.6362 | 0.26008 | 0.18493 | 21 | -1.37 | 5% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0017 | 3.4500 | 0.10000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.72 | 3% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0345 | 3.4500 | 0.10000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.72 | 3% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0175 | 3.4650 | 0.11000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.66 | 2% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 2161 | 3.4800 | 0.10000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.60 | 2% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0298 | 3.5000 | 0.20000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.52 | 2% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 2066 | 3.5150 | 0.31000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.47 | 2% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0884 | 3.5500 | 0.30000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.33 | 1% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0164 | 3.6000 | 0.20000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.14 | 0% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0354 | 3.6050 | 0.01000 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.12 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0183 | 3.6215 | 0.35900 | 3.6362 | 0.26008 | 0.18493 | 21 | -0.06 | 0% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0425 | 3.6500 | 0.10000 | 3.6362 | 0.26008 | 0.18493 | 21 | 0.05 | 0% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 2073 | 3.6650 | 0.13000 | 3.6362 | 0.26008 | 0.18493 | 21 | 0.11 | 0% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0309 | 3.6866 | 0.04570 | 3.6362 | 0.26008 | 0.18493 | 21 | 0.19 | 1% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0208 | 3.7150 | 0.47000 | 3.6362 | 0.26008 | 0.18493 | 21 | 0.30 | 1% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0511 | 3.9000 | 0.20000 | 3.6362 | 0.26008 | 0.18493 | 21 | 1.01 | 4% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 2076 | 3.9022 | 0.02880 | 3.6362 | 0.26008 | 0.18493 | 21 | 1.02 | 4% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0596 | 4.2400 | 0.28000 | 3.6362 | 0.26008 | 0.18493 | 21 | 2.32 | 8% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0226 | 4.4700 | 0.20000 | 3.6362 | 0.26008 | 0.18493 | 21 | 3.21 | 11% | 0 |
| 004.00 | Fiber, Crude, Asbestos Free (%) | 0504 | 5.3300 | 0.42000 | 3.6362 | 0.26008 | 0.18493 | 21 | 6.51 | 23% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 0921 | 3.2500 | 0.00000 | 3.9315 | 0.73228 | 0.18871 | 7 | -0.93 | 9% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 2089 | 3.2500 | 0.04000 | 3.9315 | 0.73228 | 0.18871 | 7 | -0.93 | 9% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 2190 | 3.6050 | 0.47000 | 3.9315 | 0.73228 | 0.18871 | 7 | -0.45 | 4% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 0353 | 3.8850 | 0.01000 | 3.9315 | 0.73228 | 0.18871 | 7 | -0.06 | 1% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 2192 | 4.0850 | 0.35000 | 3.9315 | 0.73228 | 0.18871 | 7 | 0.21 | 2% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 0693 | 4.4155 | 0.30100 | 3.9315 | 0.73228 | 0.18871 | 7 | 0.66 | 6% | 0 |
| 004.03 | Fiber, Crude, Fritted Glass (%) | 0045 | 6.9250 | 0.15000 | 3.9315 | 0.73228 | 0.18871 | 7 | 4.09 | 38% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0918 | 3.3500 | 0.24000 | 3.9084 | 0.39963 | 0.08009 | 26 | -1.40 | 7% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0885 | 3.3687 | 0.09240 | 3.9084 | 0.39963 | 0.08009 | 26 | -1.35 | 7% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0952 | 3.3900 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | -1.30 | 7% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0098 | 3.5350 | 0.11000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.93 | 5% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0941 | 3.5800 | 0.12000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.82 | 4% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0881 | 3.6450 | 0.06200 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.66 | 3% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0868 | 3.6550 | 0.07000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.63 | 3% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 2006 | 3.6550 | 0.05000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.63 | 3% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0948 | 3.7800 | 0.16000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.32 | 2% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0590 | 3.8000 | 0.04000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.27 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0897 | 3.8000 | 0.04000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.27 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0878 | 3.8100 | 0.18000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.25 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 2062 | 3.8512 | 0.01940 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.14 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0027 | 3.8515 | 0.05500 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.14 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0674 | 3.8700 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.10 | 0% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0638 | 3.9000 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | -0.02 | 0% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0968 | 4.0000 | 0.05800 | 3.9084 | 0.39963 | 0.08009 | 26 | 0.23 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0199 | 4.0200 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | 0.28 | 1% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0656 | 4.0550 | 0.17000 | 3.9084 | 0.39963 | 0.08009 | 26 | 0.37 | 2% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0689 | 4.2000 | 0.40000 | 3.9084 | 0.39963 | 0.08009 | 26 | 0.73 | 4% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0893 | 4.3000 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | 0.98 | 5% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0722 | 4.3336 | 0.01550 | 3.9084 | 0.39963 | 0.08009 | 26 | 1.06 | 5% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0895 | 4.3450 | 0.01000 | 3.9084 | 0.39963 | 0.08009 | 26 | 1.09 | 6% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0676 | 4.5750 | 0.13000 | 3.9084 | 0.39963 | 0.08009 | 26 | 1.67 | 9% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0609 | 4.9100 | 0.00000 | 3.9084 | 0.39963 | 0.08009 | 26 | 2.51 | 13% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 004.06 | Fiber, Crude, Fibertec (%) | 2022 | 5.8800 | 0.06000 | 3.9084 | 0.39963 | 0.08009 | 26 | 4.93 | 25% | 0 |
| 004.06 | Fiber, Crude, Fibertec (%) | 0675 | 4.3250 | 0.69000 | 3.9084 | 0.39963 | 0.08009 | 26 | 1.04 | 5% | 1 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0505 | 3.1850 | 0.07000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.52 | 9% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0019 | 3.2250 | 0.03000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.44 | 9% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2012 | 3.2350 | 0.07000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.41 | 8% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0956 | 3.2500 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.38 | 8% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0035 | 3.2600 | 0.20000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.36 | 8% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0619 | 3.2900 | 0.06000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.30 | 8% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2190 | 3.3350 | 0.05000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.20 | 7% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0242 | 3.3500 | 0.22000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.17 | 7% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0708 | 3.3950 | 0.17000 | 3.8938 | 0.46576 | 0.17242 | 63 | -1.07 | 6% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0726 | 3.5000 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.85 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0910 | 3.5000 | 0.20000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.85 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0004 | 3.5150 | 0.17000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.81 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0581 | 3.5500 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.74 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0407 | 3.5734 | 0.01930 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.69 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2193 | 3.5750 | 0.01000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.68 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0100 | 3.5900 | 0.18000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.65 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0682 | 3.6000 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.63 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0870 | 3.6091 | 0.15850 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.61 | 4% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2188 | 3.6250 | 0.15000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.58 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0413 | 3.6500 | 0.30000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.52 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2181 | 3.6600 | 0.46000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.50 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0033 | 3.6800 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.46 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2146 | 3.6900 | 0.26000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.44 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0644 | 3.7205 | 0.22300 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.37 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0563 | 3.7271 | 0.09690 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.36 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0190 | 3.7500 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.31 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0683 | 3.7700 | 0.28000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.27 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0300 | 3.7750 | 0.29000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.26 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0948 | 3.7850 | 0.15000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.23 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0098 | 3.7950 | 0.01000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.21 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2196 | 3.8300 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.14 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0354 | 3.8450 | 0.03000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.10 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2053 | 3.8900 | 0.06000 | 3.8938 | 0.46576 | 0.17242 | 63 | -0.01 | 0% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0646 | 3.9050 | 0.11000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.02 | 0% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0653 | 3.9300 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.08 | 0% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0263 | 3.9366 | 0.24680 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.09 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0042 | 3.9400 | 0.22000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.10 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0520 | 3.9500 | 0.30000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.12 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2009 | 4.0016 | 0.11820 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.23 | 1% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0939 | 4.0200 | 0.66000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.27 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 004.07 | Fiber, Crude, ANKOM (%) | 0083 | 4.0300 | 0.16000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.29 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0074 | 4.0700 | 0.12000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.38 | 2% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0003 | 4.1000 | 0.18000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.44 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0904 | 4.1350 | 0.17000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.52 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0229 | 4.1500 | 0.24000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.55 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0278 | 4.1500 | 0.50000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.55 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0123 | 4.1550 | 0.23000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.56 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0553 | 4.1650 | 0.07000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.58 | 3% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0861 | 4.2450 | 0.07000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.75 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0510 | 4.2500 | 0.50000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.76 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0089 | 4.2950 | 0.05000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.86 | 5% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0598 | 4.3250 | 0.43000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.93 | 6% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0876 | 4.3400 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.96 | 6% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2109 | 4.3450 | 0.05000 | 3.8938 | 0.46576 | 0.17242 | 63 | 0.97 | 6% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0849 | 4.4100 | 0.08000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.11 | 7% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0968 | 4.5750 | 0.23000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.46 | 9% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0536 | 4.6000 | 0.14000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.52 | 9% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0009 | 4.6200 | 0.04000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.56 | 9% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0848 | 4.6600 | 0.02000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.65 | 10% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0955 | 5.2950 | 0.15000 | 3.8938 | 0.46576 | 0.17242 | 63 | 3.01 | 18% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0626 | 6.3000 | 0.64000 | 3.8938 | 0.46576 | 0.17242 | 63 | 5.17 | 31% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0144 | 6.5200 | 0.62000 | 3.8938 | 0.46576 | 0.17242 | 63 | 5.64 | 34% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0294 | 11.250 | 0.10000 | 3.8938 | 0.46576 | 0.17242 | 63 | 15.79 | 94% | 0 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0692 | 4.4000 | 1.8000 | 3.8938 | 0.46576 | 0.17242 | 63 | 1.09 | 6% | 1 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0034 | 5.1050 | 1.1100 | 3.8938 | 0.46576 | 0.17242 | 63 | 2.60 | 16% | 1 |
| 004.07 | Fiber, Crude, ANKOM (%) | 2195 | 12.700 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | 18.91 | 113% | 2 |
| 004.07 | Fiber, Crude, ANKOM (%) | 0889 | 0.00000 | 0.00000 | 3.8938 | 0.46576 | 0.17242 | 63 | | | 4 |
| 004.11 | Fiber, Crude, NIR (%) | 0889 | 3.2150 | 0.13000 | 3.9609 | 0.44006 | 0.15783 | 7 | -1.69 | 9% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 0553 | 3.5350 | 0.11000 | 3.9609 | 0.44006 | 0.15783 | 7 | -0.97 | 5% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 0011 | 4.0200 | 0.00000 | 3.9609 | 0.44006 | 0.15783 | 7 | 0.13 | 1% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 2121 | 4.1050 | 0.01000 | 3.9609 | 0.44006 | 0.15783 | 7 | 0.33 | 2% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 2120 | 4.2300 | 0.12000 | 3.9609 | 0.44006 | 0.15783 | 7 | 0.61 | 3% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 2105 | 4.2400 | 0.50000 | 3.9609 | 0.44006 | 0.15783 | 7 | 0.63 | 4% | 0 |
| 004.11 | Fiber, Crude, NIR (%) | 2128 | 4.2953 | 0.23480 | 3.9609 | 0.44006 | 0.15783 | 7 | 0.76 | 4% | 0 |
| 004.99 | Fiber, Crude, Miscellaneous (%) | 2145 | 3.3300 | 0.04000 | 3.4950 | 0.17137 | 0.13500 | 4 | | | 0 |
| 004.99 | Fiber, Crude, Miscellaneous (%) | 0610 | 3.4000 | 0.20000 | 3.4950 | 0.17137 | 0.13500 | 4 | | | 0 |
| 004.99 | Fiber, Crude, Miscellaneous (%) | 2146 | 3.5300 | 0.24000 | 3.4950 | 0.17137 | 0.13500 | 4 | | | 0 |
| 004.99 | Fiber, Crude, Miscellaneous (%) | 2126 | 3.7200 | 0.06000 | 3.4950 | 0.17137 | 0.13500 | 4 | | | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0169 | 12.770 | 0.02000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.91 | 7% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0539 | 13.045 | 0.49000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.40 | 6% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2066 | 13.050 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.39 | 6% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0148 | 13.065 | 0.03000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.36 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 005.00 | Ash, 2h @ 600°C (%) | 0278 | 13.130 | 0.12000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.24 | 6% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0049 | 13.160 | 0.48000 | 14.866 | 0.53541 | 0.17630 | 91 | -3.19 | 6% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0596 | 13.290 | 0.04000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.94 | 5% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0541 | 13.420 | 0.96000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.70 | 5% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0598 | 13.595 | 0.09000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.37 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0425 | 13.600 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.36 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2073 | 13.725 | 0.01000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.13 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0511 | 13.760 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.07 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2022 | 13.765 | 0.01000 | 14.866 | 0.53541 | 0.17630 | 91 | -2.06 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0042 | 13.820 | 0.36000 | 14.866 | 0.53541 | 0.17630 | 91 | -1.95 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0918 | 13.835 | 0.03000 | 14.866 | 0.53541 | 0.17630 | 91 | -1.93 | 3% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0015 | 14.170 | 0.30000 | 14.866 | 0.53541 | 0.17630 | 91 | -1.30 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0675 | 14.290 | 0.62000 | 14.866 | 0.53541 | 0.17630 | 91 | -1.08 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0693 | 14.361 | 0.09600 | 14.866 | 0.53541 | 0.17630 | 91 | -0.94 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0123 | 14.390 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.89 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0208 | 14.400 | 0.40000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.87 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2188 | 14.435 | 0.05000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.80 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0142 | 14.465 | 0.19000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.75 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0874 | 14.515 | 0.49000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.66 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0004 | 14.525 | 0.11000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.64 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0682 | 14.580 | 0.00000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.53 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0358 | 14.620 | 0.12000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.46 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0226 | 14.645 | 0.11000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.41 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0199 | 14.670 | 0.02000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.37 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0062 | 14.700 | 0.20000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.31 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0175 | 14.705 | 0.07000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.30 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0722 | 14.715 | 0.22030 | 14.866 | 0.53541 | 0.17630 | 91 | -0.28 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2195 | 14.770 | 0.38000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.18 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0520 | 14.790 | 0.38000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.14 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0186 | 14.800 | 0.00000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.12 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0876 | 14.815 | 0.25000 | 14.866 | 0.53541 | 0.17630 | 91 | -0.10 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0553 | 14.890 | 0.16000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.04 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0563 | 14.894 | 0.29560 | 14.866 | 0.53541 | 0.17630 | 91 | 0.05 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0953 | 14.910 | 0.12000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.08 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0956 | 14.950 | 0.70000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.16 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0108 | 14.965 | 0.29000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.19 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0948 | 14.965 | 0.01000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.19 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0298 | 14.980 | 0.02000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.21 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0229 | 14.990 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.23 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0870 | 14.992 | 0.49890 | 14.866 | 0.53541 | 0.17630 | 91 | 0.24 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0589 | 14.995 | 0.19000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.24 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0861 | 15.005 | 0.05000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.26 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 005.00 | Ash, 2h @ 600°C (%) | 2006 | 15.010 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.27 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0001 | 15.019 | 0.08860 | 14.866 | 0.53541 | 0.17630 | 91 | 0.29 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0881 | 15.029 | 0.09500 | 14.866 | 0.53541 | 0.17630 | 91 | 0.30 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0083 | 15.030 | 0.14000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.31 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0968 | 15.035 | 0.12300 | 14.866 | 0.53541 | 0.17630 | 91 | 0.31 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0098 | 15.035 | 0.03000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.32 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0164 | 15.055 | 0.23000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.35 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2196 | 15.060 | 0.00000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.36 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0407 | 15.065 | 0.13860 | 14.866 | 0.53541 | 0.17630 | 91 | 0.37 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0653 | 15.070 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.38 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2150 | 15.080 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.40 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0035 | 15.110 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.46 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0171 | 15.110 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.46 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0354 | 15.110 | 0.02000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.46 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0848 | 15.140 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.51 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2053 | 15.140 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.51 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2181 | 15.140 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.51 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0187 | 15.160 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.55 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0505 | 15.160 | 0.00000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.55 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0656 | 15.160 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.55 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2193 | 15.190 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.61 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0045 | 15.200 | 0.20000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.62 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0504 | 15.200 | 0.36000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.62 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0581 | 15.215 | 0.23000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.65 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0353 | 15.220 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.66 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0033 | 15.250 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.72 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0183 | 15.252 | 0.07400 | 14.866 | 0.53541 | 0.17630 | 91 | 0.72 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0622 | 15.286 | 0.23380 | 14.866 | 0.53541 | 0.17630 | 91 | 0.78 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0510 | 15.310 | 0.18000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.83 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0144 | 15.320 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.85 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0651 | 15.354 | 0.12700 | 14.866 | 0.53541 | 0.17630 | 91 | 0.91 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0242 | 15.355 | 0.19000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.91 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0618 | 15.359 | 0.14310 | 14.866 | 0.53541 | 0.17630 | 91 | 0.92 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0630 | 15.360 | 0.16000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.92 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0100 | 15.375 | 0.27000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.95 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0609 | 15.375 | 0.05000 | 14.866 | 0.53541 | 0.17630 | 91 | 0.95 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0017 | 15.400 | 0.40000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.00 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0674 | 15.400 | 0.00000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.00 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0047 | 15.410 | 0.06000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.02 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0139 | 15.435 | 0.29000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.06 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0309 | 15.445 | 0.53000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.08 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2076 | 15.526 | 0.04940 | 14.866 | 0.53541 | 0.17630 | 91 | 1.23 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 005.00 | Ash, 2h @ 600°C (%) | 0345 | 15.750 | 0.10000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.65 | 3% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2089 | 15.875 | 0.17000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.88 | 3% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0357 | 15.900 | 0.20000 | 14.866 | 0.53541 | 0.17630 | 91 | 1.93 | 3% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0019 | 13.585 | 1.2300 | 14.866 | 0.53541 | 0.17630 | 91 | -2.39 | 4% | 1 |
| 005.00 | Ash, 2h @ 600°C (%) | 2012 | 14.060 | 1.5400 | 14.866 | 0.53541 | 0.17630 | 91 | -1.51 | 3% | 1 |
| 005.00 | Ash, 2h @ 600°C (%) | 0650 | 14.100 | 2.0000 | 14.866 | 0.53541 | 0.17630 | 91 | -1.43 | 3% | 1 |
| 005.02 | Ash, LECO (%) | 0644 | 16.000 | 0.36000 | | | | 1 | | | 0 |
| 005.03 | Ash, Microwave furnace (%) | 0912 | 14.400 | 0.00000 | | | | 1 | | | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0885 | 11.992 | 0.48340 | 15.293 | 0.33732 | 0.14751 | 36 | -9.79 | 11% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0003 | 13.350 | 0.30000 | 15.293 | 0.33732 | 0.14751 | 36 | -5.76 | 6% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0638 | 14.500 | 0.20000 | 15.293 | 0.33732 | 0.14751 | 36 | -2.35 | 3% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0726 | 14.675 | 0.09000 | 15.293 | 0.33732 | 0.14751 | 36 | -1.83 | 2% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0683 | 14.895 | 0.03000 | 15.293 | 0.33732 | 0.14751 | 36 | -1.18 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0263 | 14.898 | 0.11010 | 15.293 | 0.33732 | 0.14751 | 36 | -1.17 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0889 | 14.910 | 0.28000 | 15.293 | 0.33732 | 0.14751 | 36 | -1.14 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0038 | 14.985 | 0.51000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.91 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0689 | 15.050 | 0.02000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.72 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0893 | 15.100 | 0.00000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.57 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0610 | 15.145 | 0.31000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.44 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2190 | 15.190 | 0.32000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.31 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0868 | 15.190 | 0.04000 | 15.293 | 0.33732 | 0.14751 | 36 | -0.31 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0849 | 15.207 | 0.02600 | 15.293 | 0.33732 | 0.14751 | 36 | -0.25 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2062 | 15.306 | 0.00840 | 15.293 | 0.33732 | 0.14751 | 36 | 0.04 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0878 | 15.310 | 0.06000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.05 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0590 | 15.315 | 0.21000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.07 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2109 | 15.320 | 0.46000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.08 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2009 | 15.321 | 0.03230 | 15.293 | 0.33732 | 0.14751 | 36 | 0.08 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0413 | 15.350 | 0.10000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.17 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2192 | 15.385 | 0.33000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.27 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0619 | 15.400 | 0.00000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.32 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0692 | 15.400 | 0.20000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.32 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0294 | 15.450 | 0.10000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.47 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0939 | 15.465 | 0.11000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.51 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0904 | 15.475 | 0.19000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.54 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0897 | 15.510 | 0.08000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.64 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2145 | 15.525 | 0.03000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.69 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0152 | 15.550 | 0.04000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.76 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0895 | 15.555 | 0.01000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.78 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2146 | 15.595 | 0.01000 | 15.293 | 0.33732 | 0.14751 | 36 | 0.90 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0941 | 15.660 | 0.16000 | 15.293 | 0.33732 | 0.14751 | 36 | 1.09 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2126 | 15.680 | 0.02000 | 15.293 | 0.33732 | 0.14751 | 36 | 1.15 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0685 | 15.710 | 0.02000 | 15.293 | 0.33732 | 0.14751 | 36 | 1.24 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 005.05 | Ash, 3h @ 550°C (%) | 0190 | 15.745 | 0.01000 | 15.293 | 0.33732 | 0.14751 | 36 | 1.34 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2129 | 16.345 | 0.41000 | 15.293 | 0.33732 | 0.14751 | 36 | 3.12 | 3% | 0 |
| 005.11 | Ash, NIR (%) | 2128 | 6.2386 | 0.27120 | 11.052 | 3.5881 | 0.30624 | 5 | | | 0 |
| 005.11 | Ash, NIR (%) | 2105 | 8.8500 | 0.52000 | 11.052 | 3.5881 | 0.30624 | 5 | | | 0 |
| 005.11 | Ash, NIR (%) | 0889 | 11.230 | 0.18000 | 11.052 | 3.5881 | 0.30624 | 5 | | | 0 |
| 005.11 | Ash, NIR (%) | 2121 | 14.265 | 0.11000 | 11.052 | 3.5881 | 0.30624 | 5 | | | 0 |
| 005.11 | Ash, NIR (%) | 2120 | 14.675 | 0.45000 | 11.052 | 3.5881 | 0.30624 | 5 | | | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0546 | 14.455 | 0.07000 | 15.186 | 0.55987 | 0.17250 | 8 | -1.31 | 2% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0574 | 14.550 | 0.06000 | 15.186 | 0.55987 | 0.17250 | 8 | -1.14 | 2% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0536 | 14.900 | 0.32000 | 15.186 | 0.55987 | 0.17250 | 8 | -0.51 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0884 | 15.300 | 0.40000 | 15.186 | 0.55987 | 0.17250 | 8 | 0.20 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0910 | 15.450 | 0.10000 | 15.186 | 0.55987 | 0.17250 | 8 | 0.47 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0652 | 15.500 | 0.20000 | 15.186 | 0.55987 | 0.17250 | 8 | 0.56 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0676 | 15.525 | 0.23000 | 15.186 | 0.55987 | 0.17250 | 8 | 0.61 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 2161 | 15.810 | 0.00000 | 15.186 | 0.55987 | 0.17250 | 8 | 1.11 | 2% | 0 |
| 006.00 | Total Sugars, As sucrose (%) | 2195 | 2.8600 | 0.04000 | | | | 2 | | | 0 |
| 006.00 | Total Sugars, As sucrose (%) | 0910 | 5.2300 | 0.48000 | | | | 2 | | | 0 |
| 006.01 | Total Sugars, Mod. Fehling Soln (%) | 2161 | 5.7850 | 0.61000 | | | | 2 | | | 0 |
| 006.01 | Total Sugars, Mod. Fehling Soln (%) | 0407 | 6.9000 | 0.42000 | | | | 2 | | | 0 |
| 006.99 | Total Sugars, Miscellaneous (%) | 0956 | 5.9000 | 0.40000 | | | | 1 | | | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0038 | 3.9153 | 0.07250 | 4.9652 | 0.54803 | 0.20402 | 19 | -1.92 | 11% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0590 | 4.2100 | 0.14000 | 4.9652 | 0.54803 | 0.20402 | 19 | -1.38 | 8% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0948 | 4.3800 | 0.08000 | 4.9652 | 0.54803 | 0.20402 | 19 | -1.07 | 6% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0676 | 4.5450 | 0.85000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.77 | 4% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0226 | 4.6050 | 0.29000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.66 | 4% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0939 | 4.6350 | 0.05000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.60 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0098 | 4.8100 | 0.18000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.28 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0353 | 4.8150 | 0.01000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.27 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0885 | 4.8696 | 0.05060 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.17 | 1% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0504 | 4.9050 | 0.07000 | 4.9652 | 0.54803 | 0.20402 | 19 | -0.11 | 1% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 2192 | 4.9850 | 0.11000 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.04 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0208 | 5.2100 | 0.30000 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.45 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0187 | 5.2400 | 0.08000 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.50 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0148 | 5.2650 | 0.05000 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.55 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0309 | 5.2960 | 0.08330 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.60 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0689 | 5.3000 | 0.20000 | 4.9652 | 0.54803 | 0.20402 | 19 | 0.61 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0345 | 5.5500 | 0.30000 | 4.9652 | 0.54803 | 0.20402 | 19 | 1.07 | 6% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0675 | 5.9550 | 0.31000 | 4.9652 | 0.54803 | 0.20402 | 19 | 1.81 | 10% | 0 |
| 008.02 | Fiber, Acid Detergent, Crucible (%) | 0609 | 6.9150 | 0.65000 | 4.9652 | 0.54803 | 0.20402 | 19 | 3.56 | 20% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0956 | 3.8500 | 0.30000 | 5.2767 | 0.71136 | 0.22928 | 37 | -2.01 | 14% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0354 | 4.1100 | 0.02000 | 5.2767 | 0.71136 | 0.22928 | 37 | -1.64 | 11% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0848 | 4.2700 | 0.00000 | 5.2767 | 0.71136 | 0.22928 | 37 | -1.42 | 10% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 2190 | 4.3700 | 0.60000 | 5.2767 | 0.71136 | 0.22928 | 37 | -1.27 | 9% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0968 | 4.3880 | 0.14000 | 5.2767 | 0.71136 | 0.22928 | 37 | -1.25 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0910 | 4.5150 | 0.57000 | 5.2767 | 0.71136 | 0.22928 | 37 | -1.07 | 7% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0294 | 4.6500 | 0.10000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.88 | 6% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 2012 | 4.7350 | 0.07000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.76 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0878 | 4.7600 | 0.22000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.73 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0861 | 4.8800 | 0.34000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.56 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0581 | 4.9200 | 0.02000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.50 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0357 | 4.9500 | 0.30000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.46 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0413 | 4.9500 | 0.10000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.46 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 2196 | 5.0000 | 0.00000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.39 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0278 | 5.0500 | 0.10000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.32 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0358 | 5.0850 | 0.01000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.27 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 2146 | 5.1050 | 0.51000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.24 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0148 | 5.2100 | 0.02000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.09 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0190 | 5.2700 | 0.22000 | 5.2767 | 0.71136 | 0.22928 | 37 | -0.01 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0049 | 5.3150 | 0.59000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.05 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0001 | 5.4550 | 0.01000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.25 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0619 | 5.4550 | 0.25000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.25 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0045 | 5.5850 | 0.19000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.43 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0726 | 5.5850 | 0.01000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.43 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0407 | 5.5913 | 0.14190 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.44 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0693 | 5.6165 | 0.30700 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.48 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0042 | 5.6250 | 0.25000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.49 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0164 | 5.7000 | 0.20000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.60 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0083 | 5.7450 | 0.13000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.66 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0037 | 5.7850 | 0.29000 | 5.2767 | 0.71136 | 0.22928 | 37 | 0.71 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0015 | 6.0000 | 0.20000 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.02 | 7% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0889 | 6.0650 | 0.19000 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.11 | 7% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 2129 | 6.1500 | 0.92000 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.23 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0536 | 6.1600 | 0.04000 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.24 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0870 | 6.2524 | 0.25230 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.37 | 9% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0918 | 6.2806 | 0.77220 | 5.2767 | 0.71136 | 0.22928 | 37 | 1.41 | 10% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0510 | 7.3500 | 0.10000 | 5.2767 | 0.71136 | 0.22928 | 37 | 2.91 | 20% | 0 |
| 008.08 | Fiber, Acid Detergent, Filter Bag - ANKOM (%) | 0263 | 31.602 | 52.963 | 5.2767 | 0.71136 | 0.22928 | 37 | 37.01 | 249% | 2 |
| 008.99 | Fiber, Acid Detergent, Miscellaneous (%) | 0941 | 4.9800 | 0.16000 | | | | 3 | | | 0 |
| 008.99 | Fiber, Acid Detergent, Miscellaneous (%) | 0027 | 4.9860 | 0.06600 | | | | 3 | | | 0 |
| 008.99 | Fiber, Acid Detergent, Miscellaneous (%) | 0610 | 5.6000 | 0.80000 | | | | 3 | | | 0 |
| 009.04 | Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%) | 0504 | 9.8300 | 0.32000 | | | | 1 | | | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0910 | 8.8500 | 0.10000 | 10.879 | 1.2703 | 0.32524 | 15 | -1.60 | 9% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0353 | 9.0500 | 0.22000 | 10.879 | 1.2703 | 0.32524 | 15 | -1.44 | 8% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0187 | 9.8100 | 0.10000 | 10.879 | 1.2703 | 0.32524 | 15 | -0.84 | 5% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0098 | 9.8400 | 0.52000 | 10.879 | 1.2703 | 0.32524 | 15 | -0.82 | 5% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0226 | 10.310 | 0.04000 | 10.879 | 1.2703 | 0.32524 | 15 | -0.45 | 3% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0590 | 10.445 | 0.61000 | 10.879 | 1.2703 | 0.32524 | 15 | -0.34 | 2% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0675 | 10.745 | 0.21000 | 10.879 | 1.2703 | 0.32524 | 15 | -0.11 | 1% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 2192 | 11.010 | 0.48000 | 10.879 | 1.2703 | 0.32524 | 15 | 0.10 | 1% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0610 | 11.450 | 0.10000 | 10.879 | 1.2703 | 0.32524 | 15 | 0.45 | 3% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0345 | 11.500 | 0.20000 | 10.879 | 1.2703 | 0.32524 | 15 | 0.49 | 3% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0676 | 11.595 | 0.69000 | 10.879 | 1.2703 | 0.32524 | 15 | 0.56 | 3% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0309 | 11.712 | 0.29690 | 10.879 | 1.2703 | 0.32524 | 15 | 0.66 | 4% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0885 | 11.838 | 0.11170 | 10.879 | 1.2703 | 0.32524 | 15 | 0.76 | 4% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0689 | 12.300 | 0.60000 | 10.879 | 1.2703 | 0.32524 | 15 | 1.12 | 7% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0208 | 12.600 | 0.60000 | 10.879 | 1.2703 | 0.32524 | 15 | 1.36 | 8% | 0 |
| 009.07 | Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%) | 0609 | 21.075 | 1.8100 | 10.879 | 1.2703 | 0.32524 | 15 | 8.03 | 47% | 1 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2022 | 8.8700 | 0.16000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.55 | 8% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0861 | 9.1100 | 0.02000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.33 | 7% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2196 | 9.3000 | 0.00000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.16 | 6% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2146 | 9.3100 | 0.98000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.15 | 6% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0956 | 9.3500 | 0.90000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.11 | 6% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0294 | 9.4500 | 0.10000 | 10.561 | 1.0886 | 0.34564 | 38 | -1.02 | 5% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0581 | 9.6950 | 0.11000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.80 | 4% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0263 | 9.8050 | 0.03000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.69 | 4% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0358 | 9.8600 | 0.28000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.64 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0939 | 9.9450 | 0.63000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.57 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0878 | 9.9700 | 0.12000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.54 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2190 | 9.9850 | 0.37000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.53 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0693 | 10.052 | 0.01300 | 10.561 | 1.0886 | 0.34564 | 38 | -0.47 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0001 | 10.075 | 0.37000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.45 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0646 | 10.150 | 0.16000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.38 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0148 | 10.185 | 0.49000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.34 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0278 | 10.250 | 0.50000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.29 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0619 | 10.250 | 0.50000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.29 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0413 | 10.300 | 0.80000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.24 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2012 | 10.530 | 0.22000 | 10.561 | 1.0886 | 0.34564 | 38 | -0.03 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0870 | 10.554 | 0.14820 | 10.561 | 1.0886 | 0.34564 | 38 | -0.01 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0037 | 10.570 | 0.32000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.01 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0510 | 10.600 | 0.20000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.04 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0164 | 10.750 | 0.30000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.17 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0357 | 10.800 | 1.0000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.22 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0407 | 10.879 | 0.26380 | 10.561 | 1.0886 | 0.34564 | 38 | 0.29 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0848 | 10.900 | 0.00000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.31 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0948 | 10.975 | 0.21000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.38 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 2129 | 10.990 | 0.10000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.39 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0083 | 11.385 | 0.41000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.76 | 4% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0536 | 11.480 | 0.72000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.84 | 4% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0918 | 11.912 | 0.42420 | 10.561 | 1.0886 | 0.34564 | 38 | 1.24 | 6% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0968 | 12.040 | 0.00500 | 10.561 | 1.0886 | 0.34564 | 38 | 1.36 | 7% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0354 | 12.295 | 0.03000 | 10.561 | 1.0886 | 0.34564 | 38 | 1.59 | 8% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0889 | 12.405 | 0.67000 | 10.561 | 1.0886 | 0.34564 | 38 | 1.69 | 9% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0045 | 12.450 | 0.70000 | 10.561 | 1.0886 | 0.34564 | 38 | 1.74 | 9% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0190 | 13.305 | 0.35000 | 10.561 | 1.0886 | 0.34564 | 38 | 2.52 | 13% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0726 | 13.355 | 0.53000 | 10.561 | 1.0886 | 0.34564 | 38 | 2.57 | 13% | 0 |
| 009.09 | Fiber, Neutral Detergent, Filter Bag - ANKOM (%) | 0049 | 11.200 | 2.3000 | 10.561 | 1.0886 | 0.34564 | 38 | 0.59 | 3% | 1 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0889 | 7.1050 | 0.01000 | | | | 3 | | | 0 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0941 | 10.830 | 0.30000 | | | | 3 | | | 0 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0638 | 11.200 | 0.00000 | | | | 3 | | | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0843 | 7.8000 | 0.16000 | | | | 3 | | | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0164 | 8.4050 | 0.35000 | | | | 3 | | | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0208 | 8.4550 | 0.01000 | | | | 3 | | | 0 |
| 010.11 | Moisture, NIR (%) | 2120 | 8.5150 | 0.07000 | 8.9763 | 0.44607 | 0.10800 | 8 | -1.03 | 3% | 0 |
| 010.11 | Moisture, NIR (%) | 2190 | 8.5800 | 0.12000 | 8.9763 | 0.44607 | 0.10800 | 8 | -0.89 | 2% | 0 |
| 010.11 | Moisture, NIR (%) | 2121 | 8.6600 | 0.02000 | 8.9763 | 0.44607 | 0.10800 | 8 | -0.71 | 2% | 0 |
| 010.11 | Moisture, NIR (%) | 0152 | 8.9500 | 0.10000 | 8.9763 | 0.44607 | 0.10800 | 8 | -0.06 | 0% | 0 |
| 010.11 | Moisture, NIR (%) | 0889 | 9.0050 | 0.03000 | 8.9763 | 0.44607 | 0.10800 | 8 | 0.06 | 0% | 0 |
| 010.11 | Moisture, NIR (%) | 0553 | 9.0900 | 0.18000 | 8.9763 | 0.44607 | 0.10800 | 8 | 0.25 | 1% | 0 |
| 010.11 | Moisture, NIR (%) | 2105 | 9.3650 | 0.31000 | 8.9763 | 0.44607 | 0.10800 | 8 | 0.87 | 2% | 0 |
| 010.11 | Moisture, NIR (%) | 2128 | 10.341 | 0.03400 | 8.9763 | 0.44607 | 0.10800 | 8 | 3.06 | 8% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2161 | 6.4250 | 0.09000 | 8.4931 | 0.61166 | 0.07612 | 20 | -3.38 | 12% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0546 | 7.2050 | 0.05000 | 8.4931 | 0.61166 | 0.07612 | 20 | -2.11 | 8% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0948 | 8.0050 | 0.17000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.80 | 3% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0692 | 8.0500 | 0.10000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.72 | 3% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0722 | 8.0708 | 0.10240 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.69 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2129 | 8.1050 | 0.19000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.63 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0939 | 8.1950 | 0.07000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.49 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2043 | 8.2850 | 0.03000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.34 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0917 | 8.3500 | 0.10000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.23 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2089 | 8.4450 | 0.01000 | 8.4931 | 0.61166 | 0.07612 | 20 | -0.08 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2076 | 8.5950 | 0.07000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.17 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0652 | 8.6000 | 0.20000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.17 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2178 | 8.6400 | 0.00000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.24 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0884 | 8.6500 | 0.10000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.26 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0190 | 8.7050 | 0.03000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.35 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0726 | 8.7350 | 0.03000 | 8.4931 | 0.61166 | 0.07612 | 20 | 0.40 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2066 | 9.2550 | 0.05000 | 8.4931 | 0.61166 | 0.07612 | 20 | 1.25 | 4% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2127 | 9.2550 | 0.07000 | 8.4931 | 0.61166 | 0.07612 | 20 | 1.25 | 4% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 010.99 | Moisture, Miscellaneous (%) | 0952 | 9.3600 | 0.02000 | 8.4931 | 0.61166 | 0.07612 | 20 | 1.42 | 5% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0405 | 10.180 | 0.04000 | 8.4931 | 0.61166 | 0.07612 | 20 | 2.76 | 10% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0563 | 7.4929 | 0.00360 | 9.1694 | 0.28129 | 0.08675 | 64 | -5.96 | 9% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0536 | 8.0900 | 0.24000 | 9.1694 | 0.28129 | 0.08675 | 64 | -3.84 | 6% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0874 | 8.1700 | 0.02000 | 9.1694 | 0.28129 | 0.08675 | 64 | -3.55 | 5% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0345 | 8.2800 | 0.14000 | 9.1694 | 0.28129 | 0.08675 | 64 | -3.16 | 5% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0574 | 8.5350 | 0.07000 | 9.1694 | 0.28129 | 0.08675 | 64 | -2.26 | 3% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0062 | 8.6000 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | -2.02 | 3% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0226 | 8.7500 | 0.30000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.49 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0682 | 8.7500 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.49 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0685 | 8.7500 | 0.10000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.49 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0596 | 8.7750 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.40 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2188 | 8.8000 | 0.04000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.31 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0643 | 8.8550 | 0.13000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.12 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0598 | 8.9350 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.83 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0953 | 8.9800 | 0.08000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.67 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0298 | 9.0400 | 0.02000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.46 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2097 | 9.0430 | 0.11030 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.45 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0208 | 9.0650 | 0.15000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.37 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0148 | 9.0700 | 0.06000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.35 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0881 | 9.0905 | 0.06900 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.28 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0651 | 9.0920 | 0.05400 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.28 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0144 | 9.1100 | 0.10000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.21 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0511 | 9.1200 | 0.32000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.18 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0100 | 9.1250 | 0.05000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2168 | 9.1250 | 0.17000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2181 | 9.1250 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2196 | 9.1300 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | -0.14 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0674 | 9.1800 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.04 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0354 | 9.1850 | 0.01000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.06 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0553 | 9.1950 | 0.05000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.09 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0653 | 9.1950 | 0.01000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.09 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2022 | 9.1950 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.09 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2031 | 9.1966 | 0.13680 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.10 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0870 | 9.2000 | 0.15050 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.11 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0510 | 9.2000 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.11 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0520 | 9.2000 | 0.00000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.11 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2073 | 9.2050 | 0.01000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.13 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0541 | 9.2100 | 0.56000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.14 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0229 | 9.2113 | 0.06830 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.15 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0848 | 9.2150 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0968 | 9.2240 | 0.05200 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.19 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0164 | 9.2300 | 0.10000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.22 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0675 | 9.2600 | 0.04000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.32 | 0% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0263 | 9.2840 | 0.10000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.41 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0859 | 9.2935 | 0.00900 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.44 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0539 | 9.2950 | 0.33000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.45 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0876 | 9.3100 | 0.12000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.50 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0646 | 9.3150 | 0.05000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.52 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 2006 | 9.3150 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.52 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0171 | 9.3450 | 0.01000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.62 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0175 | 9.3500 | 0.10000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.64 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0242 | 9.3500 | 0.06000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.64 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0407 | 9.3511 | 0.03860 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.65 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0589 | 9.4050 | 0.13000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.84 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0650 | 9.4200 | 0.26000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.89 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0309 | 9.4250 | 0.19000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.91 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0098 | 9.4300 | 0.02000 | 9.1694 | 0.28129 | 0.08675 | 64 | 0.93 | 1% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0123 | 9.4850 | 0.01000 | 9.1694 | 0.28129 | 0.08675 | 64 | 1.12 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0233 | 9.4950 | 0.11000 | 9.1694 | 0.28129 | 0.08675 | 64 | 1.16 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0294 | 9.5000 | 0.20000 | 9.1694 | 0.28129 | 0.08675 | 64 | 1.18 | 2% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0861 | 9.6350 | 0.03000 | 9.1694 | 0.28129 | 0.08675 | 64 | 1.66 | 3% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0358 | 9.7000 | 0.02000 | 9.1694 | 0.28129 | 0.08675 | 64 | 1.89 | 3% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0622 | 9.7906 | 0.02310 | 9.1694 | 0.28129 | 0.08675 | 64 | 2.21 | 3% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0004 | 9.8950 | 0.07000 | 9.1694 | 0.28129 | 0.08675 | 64 | 2.58 | 4% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0722 | 10.240 | 0.07690 | 9.1694 | 0.28129 | 0.08675 | 64 | 3.81 | 6% | 0 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0108 | 8.6100 | 0.66000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.99 | 3% | 1 |
| 011.01 | Loss on Drying, 135°C 2hr (%) | 0047 | 8.6600 | 0.76000 | 9.1694 | 0.28129 | 0.08675 | 64 | -1.81 | 3% | 1 |
| 011.02 | Loss on Drying, 130°C for 2 hours (%) | 0942 | 8.8550 | 0.21000 | | | | 3 | | | 0 |
| 011.02 | Loss on Drying, 130°C for 2 hours (%) | 0425 | 9.1750 | 0.05000 | | | | 3 | | | 0 |
| 011.02 | Loss on Drying, 130°C for 2 hours (%) | 0843 | 9.5150 | 0.05000 | | | | 3 | | | 0 |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous (%) | 0857 | 8.7000 | 0.40000 | | | | 2 | | | 0 |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous (%) | 2193 | 8.8100 | 0.14000 | | | | 2 | | | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0689 | 29.500 | 0.20000 | 31.233 | 0.79247 | 0.15974 | 18 | -2.19 | 3% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2195 | 30.080 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | -1.45 | 2% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2196 | 30.080 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | -1.45 | 2% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0638 | 30.400 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | -1.05 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0941 | 30.885 | 0.63000 | 31.233 | 0.79247 | 0.15974 | 18 | -0.44 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0164 | 30.950 | 0.10000 | 31.233 | 0.79247 | 0.15974 | 18 | -0.36 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2181 | 31.145 | 0.11000 | 31.233 | 0.79247 | 0.15974 | 18 | -0.11 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2009 | 31.230 | 0.04530 | 31.233 | 0.79247 | 0.15974 | 18 | 0.00 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2188 | 31.365 | 0.21000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.17 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0683 | 31.410 | 0.22000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.22 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0878 | 31.600 | 0.20000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.46 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2006 | 31.610 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.48 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0619 | 31.700 | 0.20000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.59 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0354 | 31.795 | 0.11000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.71 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0610 | 31.800 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.72 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0910 | 31.800 | 0.00000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.72 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0939 | 31.875 | 0.17000 | 31.233 | 0.79247 | 0.15974 | 18 | 0.81 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2192 | 33.550 | 0.68000 | 31.233 | 0.79247 | 0.15974 | 18 | 2.92 | 4% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0609 | 29.805 | 1.2300 | 31.233 | 0.79247 | 0.15974 | 18 | -1.80 | 2% | 1 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0918 | 19.764 | 0.54300 | 27.929 | 4.8357 | 0.98370 | 9 | -1.69 | 15% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0848 | 21.390 | 1.9400 | 27.929 | 4.8357 | 0.98370 | 9 | -1.35 | 12% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0956 | 28.050 | 0.50000 | 27.929 | 4.8357 | 0.98370 | 9 | 0.02 | 0% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0045 | 28.650 | 0.90000 | 27.929 | 4.8357 | 0.98370 | 9 | 0.15 | 1% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0693 | 28.867 | 1.1060 | 27.929 | 4.8357 | 0.98370 | 9 | 0.19 | 2% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0870 | 29.241 | 1.1843 | 27.929 | 4.8357 | 0.98370 | 9 | 0.27 | 2% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0164 | 30.050 | 1.7000 | 27.929 | 4.8357 | 0.98370 | 9 | 0.44 | 4% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 0676 | 30.540 | 0.52000 | 27.929 | 4.8357 | 0.98370 | 9 | 0.54 | 5% | 0 |
| 012.01 | Starch, Enzymatic-Colorimetric Method (Megazyme) (%) | 2089 | 33.900 | 0.46000 | 27.929 | 4.8357 | 0.98370 | 9 | 1.23 | 11% | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0098 | 28.350 | 0.30000 | 30.531 | 2.2080 | 0.30012 | 5 | | | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0407 | 28.930 | 0.66000 | 30.531 | 2.2080 | 0.30012 | 5 | | | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0955 | 30.450 | 0.30000 | 30.531 | 2.2080 | 0.30012 | 5 | | | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0889 | 30.925 | 0.19000 | 30.531 | 2.2080 | 0.30012 | 5 | | | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0885 | 33.998 | 0.05060 | 30.531 | 2.2080 | 0.30012 | 5 | | | 0 |
| 012.03 | Starch, Enzymatic-Colorimetric Method, Miscellaneous (%) | 0027 | 25.015 | 3.2700 | 30.531 | 2.2080 | 0.30012 | 5 | | | 1 |
| 012.04 | Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%) | 0353 | 30.290 | 0.02000 | 30.549 | 0.21727 | 0.32250 | 4 | | | 0 |
| 012.04 | Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%) | 0208 | 30.450 | 0.70000 | 30.549 | 0.21727 | 0.32250 | 4 | | | 0 |
| 012.04 | Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%) | 0948 | 30.705 | 0.27000 | 30.549 | 0.21727 | 0.32250 | 4 | | | 0 |
| 012.04 | Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%) | 0278 | 30.750 | 0.30000 | 30.549 | 0.21727 | 0.32250 | 4 | | | 0 |
| 012.04 | Starch, Enzymatic-Enzyme Membrane Technology (YSI) (%) | 0510 | 26.600 | 0.20000 | 30.549 | 0.21727 | 0.32250 | 4 | | | 2 |
| 012.11 | Starch, NIR (%) | 0889 | 32.515 | 0.99000 | | | | 2 | | | 0 |
| 012.11 | Starch, NIR (%) | 2128 | 35.548 | 0.22500 | | | | 2 | | | 0 |
| 012.99 | Starch, Miscellaneous (%) | 2193 | 30.500 | 0.20000 | | | | 1 | | | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 2146 | 3.1800 | 0.26000 | 4.2333 | 0.46958 | 0.19914 | 19 | -2.24 | 12% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 2145 | 3.5250 | 0.05000 | 4.2333 | 0.46958 | 0.19914 | 19 | -1.51 | 8% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0689 | 3.8500 | 0.10000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.82 | 5% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0884 | 3.8500 | 0.30000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.82 | 5% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0618 | 3.8664 | 0.10230 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.78 | 4% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0083 | 3.9500 | 0.12000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.60 | 3% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0652 | 4.1000 | 0.60000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.28 | 2% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0948 | 4.1450 | 0.01000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.19 | 1% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0504 | 4.1650 | 0.33000 | 4.2333 | 0.46958 | 0.19914 | 19 | -0.15 | 1% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0242 | 4.2650 | 0.25000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.07 | 0% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0229 | 4.2950 | 0.09000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.13 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0309 | 4.3004 | 0.45290 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.14 | 1% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0098 | 4.4100 | 0.02000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.38 | 2% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0910 | 4.4300 | 0.20000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.42 | 2% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0541 | 4.5150 | 0.29000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.60 | 3% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 2073 | 4.6200 | 0.10000 | 4.2333 | 0.46958 | 0.19914 | 19 | 0.82 | 5% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0885 | 4.7383 | 0.15240 | 4.2333 | 0.46958 | 0.19914 | 19 | 1.08 | 6% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 2076 | 4.9832 | 0.33600 | 4.2333 | 0.46958 | 0.19914 | 19 | 1.60 | 9% | 0 |
| 013.00 | Fat, Acid Pretreat, Acid hydrolysis (%) | 0139 | 5.0000 | 0.02000 | 4.2333 | 0.46958 | 0.19914 | 19 | 1.63 | 9% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0874 | 3.6300 | 0.46000 | 4.9162 | 0.32737 | 0.19696 | 18 | -3.93 | 13% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0208 | 4.5250 | 0.31000 | 4.9162 | 0.32737 | 0.19696 | 18 | -1.19 | 4% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0100 | 4.5300 | 0.18000 | 4.9162 | 0.32737 | 0.19696 | 18 | -1.18 | 4% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0148 | 4.6150 | 0.23000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.92 | 3% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 2150 | 4.7100 | 0.52000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.63 | 2% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0016 | 4.7450 | 0.03000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.52 | 2% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0643 | 4.8150 | 0.09000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.31 | 1% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0553 | 4.8800 | 0.18000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.11 | 0% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0921 | 4.8800 | 0.16000 | 4.9162 | 0.32737 | 0.19696 | 18 | -0.11 | 0% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0870 | 4.9157 | 0.10520 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.00 | 0% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0354 | 4.9700 | 0.26000 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.16 | 1% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0171 | 4.9700 | 0.04000 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.16 | 1% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0675 | 5.1900 | 0.24000 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.84 | 3% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0682 | 5.2000 | 0.00000 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.87 | 3% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0164 | 5.2250 | 0.05000 | 4.9162 | 0.32737 | 0.19696 | 18 | 0.94 | 3% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0676 | 5.2550 | 0.09000 | 4.9162 | 0.32737 | 0.19696 | 18 | 1.04 | 3% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0861 | 5.3050 | 0.07000 | 4.9162 | 0.32737 | 0.19696 | 18 | 1.19 | 4% | 0 |
| 013.02 | Fat, Acid Pretreat, Mojonnier, Bak Ext (%) | 0650 | 5.3350 | 0.53000 | 4.9162 | 0.32737 | 0.19696 | 18 | 1.28 | 4% | 0 |
| 013.08 | Fat, Base Pretreat, Roese-Gottlieb Modified (%) | 0618 | 3.1526 | 0.07560 | | | | 2 | | | 0 |
| 013.08 | Fat, Base Pretreat, Roese-Gottlieb Modified (%) | 0047 | 3.7000 | 0.00000 | | | | 2 | | | 0 |
| 013.10 | Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%) | 0036 | 3.8534 | 0.04190 | 4.2008 | 0.45266 | 0.08048 | 4 | | | 0 |
| 013.10 | Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%) | 2006 | 3.9500 | 0.08000 | 4.2008 | 0.45266 | 0.08048 | 4 | | | 0 |
| 013.10 | Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%) | 0610 | 4.1450 | 0.05000 | 4.2008 | 0.45266 | 0.08048 | 4 | | | 0 |
| 013.10 | Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%) | 0353 | 4.8550 | 0.15000 | 4.2008 | 0.45266 | 0.08048 | 4 | | | 0 |
| 013.10 | Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%) | 0638 | 7.5000 | 0.00000 | 4.2008 | 0.45266 | 0.08048 | 4 | | | 2 |
| 013.12 | Fat, Acid Pretreat, NIR- Acid Hydrolysis (%) | 2128 | 3.9330 | 0.04370 | | | | 1 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0407 | 3.1736 | 0.13720 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0904 | 3.5700 | 0.08000 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0968 | 3.7510 | 0.06800 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0843 | 4.6950 | 0.09000 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0581 | 5.0700 | 0.08000 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 0 |
| 013.13 | Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%) | 0003 | 5.0100 | 1.6200 | 4.0519 | 0.79754 | 0.09104 | 5 | | | 1 |
| 015.41 | Aluminum, ICP, Dry ash (mg / kg (ppm)) | 0049 | 173.51 | 13.500 | 234.85 | 43.437 | 6.3250 | 4 | | | 0 |
| 015.41 | Aluminum, ICP, Dry ash (mg / kg (ppm)) | 0520 | 244.50 | 7.0000 | 234.85 | 43.437 | 6.3250 | 4 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 015.41 | Aluminum, ICP, Dry ash (mg / kg (ppm)) | 0171 | 245.40 | 0.80000 | 234.85 | 43.437 | 6.3250 | 4 | | | 0 |
| 015.41 | Aluminum, ICP, Dry ash (mg / kg (ppm)) | 0164 | 276.00 | 4.0000 | 234.85 | 43.437 | 6.3250 | 4 | | | 0 |
| 015.42 | Aluminum, ICP, Open vessel (mg / kg (ppm)) | 0560 | 220.55 | 34.500 | | | | 1 | | | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0918 | 194.24 | 11.971 | 224.21 | 21.794 | 6.7819 | 6 | -1.38 | 7% | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0353 | 218.00 | 8.0000 | 224.21 | 21.794 | 6.7819 | 6 | -0.28 | 1% | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0510 | 221.00 | 4.0000 | 224.21 | 21.794 | 6.7819 | 6 | -0.15 | 1% | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0345 | 225.50 | 3.0000 | 224.21 | 21.794 | 6.7819 | 6 | 0.06 | 0% | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0169 | 234.00 | 6.0000 | 224.21 | 21.794 | 6.7819 | 6 | 0.45 | 2% | 0 |
| 015.43 | Aluminum, ICP, Microwave (mg / kg (ppm)) | 0508 | 252.53 | 7.7200 | 224.21 | 21.794 | 6.7819 | 6 | 1.30 | 6% | 0 |
| 015.52 | Aluminum, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 199.50 | 5.0000 | | | | 1 | | | 0 |
| 015.53 | Aluminum, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 264.00 | 10.000 | | | | 1 | | | 0 |
| 017.41 | Boron, ICP, Dry ash (mg / kg (ppm)) | 0358 | 11.560 | 0.24000 | 12.854 | 1.3459 | 0.11750 | 4 | | | 0 |
| 017.41 | Boron, ICP, Dry ash (mg / kg (ppm)) | 0226 | 11.855 | 0.03000 | 12.854 | 1.3459 | 0.11750 | 4 | | | 0 |
| 017.41 | Boron, ICP, Dry ash (mg / kg (ppm)) | 0229 | 13.740 | 0.20000 | 12.854 | 1.3459 | 0.11750 | 4 | | | 0 |
| 017.41 | Boron, ICP, Dry ash (mg / kg (ppm)) | 0049 | 14.260 | 0.00000 | 12.854 | 1.3459 | 0.11750 | 4 | | | 0 |
| 017.42 | Boron, ICP, Open vessel (mg / kg (ppm)) | 0693 | 12.348 | 0.30500 | 13.373 | 1.6365 | 0.22875 | 4 | | | 0 |
| 017.42 | Boron, ICP, Open vessel (mg / kg (ppm)) | 0560 | 12.360 | 0.18000 | 13.373 | 1.6365 | 0.22875 | 4 | | | 0 |
| 017.42 | Boron, ICP, Open vessel (mg / kg (ppm)) | 0045 | 13.000 | 0.20000 | 13.373 | 1.6365 | 0.22875 | 4 | | | 0 |
| 017.42 | Boron, ICP, Open vessel (mg / kg (ppm)) | 0294 | 15.785 | 0.23000 | 13.373 | 1.6365 | 0.22875 | 4 | | | 0 |
| 017.42 | Boron, ICP, Open vessel (mg / kg (ppm)) | 2053 | 16.430 | 2.8000 | 13.373 | 1.6365 | 0.22875 | 4 | | | 1 |
| 017.43 | Boron, ICP, Microwave (mg / kg (ppm)) | 0345 | 11.950 | 0.30000 | | | | 3 | | | 0 |
| 017.43 | Boron, ICP, Microwave (mg / kg (ppm)) | 0918 | 13.430 | 0.32000 | | | | 3 | | | 0 |
| 017.43 | Boron, ICP, Microwave (mg / kg (ppm)) | 0510 | 14.000 | 0.00000 | | | | 3 | | | 0 |
| 017.43 | Boron, ICP, Microwave (mg / kg (ppm)) | 0353 | 14.000 | 2.0000 | | | | 3 | | | 1 |
| 017.52 | Boron, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 12.928 | 0.77920 | | | | 1 | | | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0622 | 3.7914 | 0.06160 | 4.0049 | 0.14241 | 0.03272 | 14 | -1.50 | 3% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2181 | 3.8050 | 0.05000 | 4.0049 | 0.14241 | 0.03272 | 14 | -1.40 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0897 | 3.9100 | 0.02000 | 4.0049 | 0.14241 | 0.03272 | 14 | -0.67 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2109 | 3.9265 | 0.01100 | 4.0049 | 0.14241 | 0.03272 | 14 | -0.55 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0893 | 3.9300 | 0.00000 | 4.0049 | 0.14241 | 0.03272 | 14 | -0.53 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0683 | 3.9350 | 0.03000 | 4.0049 | 0.14241 | 0.03272 | 14 | -0.49 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2062 | 4.0156 | 0.01350 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.07 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2006 | 4.0460 | 0.02200 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.29 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0881 | 4.0510 | 0.03000 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.32 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0878 | 4.0600 | 0.06000 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.39 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0895 | 4.1150 | 0.01000 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.77 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0651 | 4.1280 | 0.00000 | 4.0049 | 0.14241 | 0.03272 | 14 | 0.86 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0043 | 4.1750 | 0.05000 | 4.0049 | 0.14241 | 0.03272 | 14 | 1.19 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2022 | 4.1800 | 0.10000 | 4.0049 | 0.14241 | 0.03272 | 14 | 1.23 | 2% | 0 |
| 019.02 | Calcium, Hach Method (%) | 0536 | 1.7900 | 0.10000 | | | | 2 | | | 0 |
| 019.02 | Calcium, Hach Method (%) | 2128 | 4.1925 | 0.88700 | | | | 2 | | | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (%) | 0036 | 4.2341 | 0.05050 | | | | 1 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 019.08 | Calcium, EDTA (%) | 0590 | 3.8650 | 0.19000 | 4.0503 | 0.13948 | 0.08079 | 9 | -1.33 | 2% | 0 |
| 019.08 | Calcium, EDTA (%) | 0885 | 3.9119 | 0.00460 | 4.0503 | 0.13948 | 0.08079 | 9 | -0.99 | 2% | 0 |
| 019.08 | Calcium, EDTA (%) | 2188 | 3.9300 | 0.06000 | 4.0503 | 0.13948 | 0.08079 | 9 | -0.86 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 2196 | 4.0300 | 0.00000 | 4.0503 | 0.13948 | 0.08079 | 9 | -0.15 | 0% | 0 |
| 019.08 | Calcium, EDTA (%) | 2190 | 4.1000 | 0.10000 | 4.0503 | 0.13948 | 0.08079 | 9 | 0.36 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 2009 | 4.1162 | 0.01250 | 4.0503 | 0.13948 | 0.08079 | 9 | 0.47 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 2195 | 4.1300 | 0.14000 | 4.0503 | 0.13948 | 0.08079 | 9 | 0.57 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 0689 | 4.1450 | 0.11000 | 4.0503 | 0.13948 | 0.08079 | 9 | 0.68 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 2193 | 4.2250 | 0.11000 | 4.0503 | 0.13948 | 0.08079 | 9 | 1.25 | 2% | 0 |
| 019.09 | Calcium, Ion-selective electrode (%) | 2006 | 4.0020 | 0.24800 | | | | 1 | | | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0948 | 3.6885 | 0.07700 | 4.0620 | 0.19706 | 0.07116 | 24 | -1.90 | 5% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0536 | 3.7800 | 0.08000 | 4.0620 | 0.19706 | 0.07116 | 24 | -1.43 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0175 | 3.8500 | 0.02000 | 4.0620 | 0.19706 | 0.07116 | 24 | -1.08 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0038 | 3.9153 | 0.07250 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.74 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0874 | 3.9250 | 0.13000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.70 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0884 | 3.9400 | 0.10000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.62 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0233 | 3.9500 | 0.10000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.57 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0939 | 3.9700 | 0.08000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.47 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0208 | 3.9775 | 0.23300 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.43 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0638 | 4.0100 | 0.10000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.26 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0142 | 4.0176 | 0.01550 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.23 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 2188 | 4.0405 | 0.03500 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.11 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0354 | 4.0500 | 0.00000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.06 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0687 | 4.0500 | 0.30000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.06 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 2196 | 4.0500 | 0.00000 | 4.0620 | 0.19706 | 0.07116 | 24 | -0.06 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0563 | 4.0658 | 0.01820 | 4.0620 | 0.19706 | 0.07116 | 24 | 0.02 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0108 | 4.1250 | 0.09000 | 4.0620 | 0.19706 | 0.07116 | 24 | 0.32 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0904 | 4.1450 | 0.01000 | 4.0620 | 0.19706 | 0.07116 | 24 | 0.42 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0674 | 4.2400 | 0.00000 | 4.0620 | 0.19706 | 0.07116 | 24 | 0.90 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 2022 | 4.2700 | 0.00000 | 4.0620 | 0.19706 | 0.07116 | 24 | 1.06 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0722 | 4.2797 | 0.01670 | 4.0620 | 0.19706 | 0.07116 | 24 | 1.10 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0868 | 4.3550 | 0.07000 | 4.0620 | 0.19706 | 0.07116 | 24 | 1.49 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0656 | 4.4150 | 0.01000 | 4.0620 | 0.19706 | 0.07116 | 24 | 1.79 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0001 | 4.5030 | 0.15000 | 4.0620 | 0.19706 | 0.07116 | 24 | 2.24 | 5% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0650 | 4.4400 | 0.42000 | 4.0620 | 0.19706 | 0.07116 | 24 | 1.92 | 5% | 1 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0169 | 3.8800 | 0.02000 | | | | 2 | | | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0609 | 4.3050 | 0.07000 | | | | 2 | | | 0 |
| 019.33 | Calcium, AAS, Microwave (%) | 0612 | 4.0000 | 0.06000 | | | | 1 | | | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0848 | 3.5550 | 0.15000 | 4.0289 | 0.19200 | 0.09843 | 28 | -2.47 | 6% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0144 | 3.7000 | 0.04000 | 4.0289 | 0.19200 | 0.09843 | 28 | -1.71 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0511 | 3.8100 | 0.24000 | 4.0289 | 0.19200 | 0.09843 | 28 | -1.14 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0413 | 3.8500 | 0.10000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.93 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 019.41 | Calcium, ICP, Dry ash (%) | 0171 | 3.8600 | 0.00000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.88 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0910 | 3.8800 | 0.14000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.78 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0123 | 3.8900 | 0.02000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.72 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0298 | 3.8900 | 0.02000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.72 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0208 | 3.9175 | 0.26700 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.58 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 2012 | 3.9700 | 0.08000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.31 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0229 | 3.9800 | 0.08200 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.25 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0098 | 3.9850 | 0.29000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.23 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0878 | 4.0000 | 0.20000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.15 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0598 | 4.0080 | 0.04400 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.11 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0139 | 4.0100 | 0.02000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.10 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0164 | 4.0200 | 0.06000 | 4.0289 | 0.19200 | 0.09843 | 28 | -0.05 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0019 | 4.0300 | 0.18000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.01 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0074 | 4.0850 | 0.05000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.29 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 2145 | 4.1050 | 0.09000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.40 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0619 | 4.1250 | 0.03000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.50 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0049 | 4.1300 | 0.04000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.53 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0358 | 4.1400 | 0.16000 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.58 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0148 | 4.1668 | 0.13150 | 4.0289 | 0.19200 | 0.09843 | 28 | 0.72 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0003 | 4.2500 | 0.18000 | 4.0289 | 0.19200 | 0.09843 | 28 | 1.15 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0226 | 4.2800 | 0.08000 | 4.0289 | 0.19200 | 0.09843 | 28 | 1.31 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0407 | 4.3110 | 0.02360 | 4.0289 | 0.19200 | 0.09843 | 28 | 1.47 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0505 | 4.3550 | 0.01000 | 4.0289 | 0.19200 | 0.09843 | 28 | 1.70 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0405 | 4.5060 | 0.02800 | 4.0289 | 0.19200 | 0.09843 | 28 | 2.48 | 6% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0520 | 3.7500 | 0.46000 | 4.0289 | 0.19200 | 0.09843 | 28 | -1.45 | 3% | 1 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0042 | 3.5650 | 0.11000 | 4.1041 | 0.29495 | 0.09328 | 18 | -1.83 | 7% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0294 | 3.8000 | 0.02000 | 4.1041 | 0.29495 | 0.09328 | 18 | -1.03 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0278 | 3.8250 | 0.01000 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.95 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0560 | 3.8519 | 0.21510 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.86 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0263 | 3.8655 | 0.00170 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.81 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0045 | 3.9200 | 0.06000 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.62 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0035 | 4.0400 | 0.14000 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.22 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0504 | 4.0505 | 0.07700 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.18 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0870 | 4.0600 | 0.30400 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.15 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0693 | 4.1195 | 0.15500 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.05 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0187 | 4.1200 | 0.00000 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.05 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0357 | 4.1602 | 0.04880 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.19 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0037 | 4.1900 | 0.10000 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.29 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0190 | 4.3350 | 0.21000 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.78 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0096 | 4.3871 | 0.03550 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.96 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0186 | 4.3950 | 0.17000 | 4.1041 | 0.29495 | 0.09328 | 18 | 0.99 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0726 | 4.7520 | 0.00200 | 4.1041 | 0.29495 | 0.09328 | 18 | 2.20 | 8% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 019.42 | Calcium, ICP, Open vessel (%) | 2053 | 4.8000 | 0.02000 | 4.1041 | 0.29495 | 0.09328 | 18 | 2.36 | 8% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0692 | 3.8400 | 0.86000 | 4.1041 | 0.29495 | 0.09328 | 18 | -0.90 | 3% | 1 |
| 019.43 | Calcium, ICP, Microwave (%) | 0089 | 3.4000 | 0.00000 | 4.0060 | 0.23249 | 0.07618 | 28 | -2.61 | 8% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 2089 | 3.5600 | 0.34000 | 4.0060 | 0.23249 | 0.07618 | 28 | -1.92 | 6% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0043 | 3.5950 | 0.05000 | 4.0060 | 0.23249 | 0.07618 | 28 | -1.77 | 5% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 2192 | 3.7100 | 0.16000 | 4.0060 | 0.23249 | 0.07618 | 28 | -1.27 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0510 | 3.8150 | 0.11000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.82 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0610 | 3.8500 | 0.20000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.67 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0345 | 3.8550 | 0.05000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.65 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0964 | 3.8776 | 0.06540 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.55 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0675 | 3.9050 | 0.07000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.43 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0638 | 3.9350 | 0.01000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.31 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0508 | 3.9576 | 0.02220 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.21 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0036 | 3.9584 | 0.02950 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.20 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0968 | 3.9635 | 0.01300 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.18 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0013 | 3.9700 | 0.08000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.15 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0010 | 3.9850 | 0.15000 | 4.0060 | 0.23249 | 0.07618 | 28 | -0.09 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0017 | 4.0200 | 0.14200 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.06 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0098 | 4.0200 | 0.06000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.06 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0861 | 4.0450 | 0.07000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.17 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0034 | 4.1555 | 0.00500 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.64 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0035 | 4.1700 | 0.02000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.71 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0668 | 4.1850 | 0.05000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.77 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0425 | 4.1900 | 0.20000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.79 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0006 | 4.2140 | 0.08000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.89 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0083 | 4.2300 | 0.04000 | 4.0060 | 0.23249 | 0.07618 | 28 | 0.96 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0682 | 4.2400 | 0.00000 | 4.0060 | 0.23249 | 0.07618 | 28 | 1.01 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0027 | 4.2420 | 0.02800 | 4.0060 | 0.23249 | 0.07618 | 28 | 1.02 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0918 | 4.3470 | 0.07800 | 4.0060 | 0.23249 | 0.07618 | 28 | 1.47 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0353 | 4.5250 | 0.01000 | 4.0060 | 0.23249 | 0.07618 | 28 | 2.23 | 6% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0018 | 3.6400 | 0.42000 | 4.0060 | 0.23249 | 0.07618 | 28 | -1.57 | 5% | 1 |
| 019.44 | Calcium, ICP, Dry ash (%) | 0653 | 4.0265 | 0.02900 | | | | 1 | | | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0047 | 3.1200 | 0.12000 | 3.7382 | 0.42486 | 0.23418 | 4 | | | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0186 | 3.8000 | 0.18000 | 3.7382 | 0.42486 | 0.23418 | 4 | | | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0096 | 3.9962 | 0.00510 | 3.7382 | 0.42486 | 0.23418 | 4 | | | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0154 | 4.0365 | 0.63160 | 3.7382 | 0.42486 | 0.23418 | 4 | | | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0199 | 3.1500 | 0.14000 | 3.7375 | 0.44797 | 0.18500 | 4 | | | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0300 | 3.6450 | 0.05000 | 3.7375 | 0.44797 | 0.18500 | 4 | | | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0572 | 3.9850 | 0.23000 | 3.7375 | 0.44797 | 0.18500 | 4 | | | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0553 | 4.1700 | 0.32000 | 3.7375 | 0.44797 | 0.18500 | 4 | | | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0889 | 3.0222 | 0.33400 | 3.8611 | 0.43544 | 0.13343 | 7 | -1.93 | 11% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0590 | 3.6000 | 0.10000 | 3.8611 | 0.43544 | 0.13343 | 7 | -0.60 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 019.99 | Calcium, Miscellaneous (%) | 0676 | 3.7400 | 0.16000 | 3.8611 | 0.43544 | 0.13343 | 7 | -0.28 | 2% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0242 | 3.8800 | 0.04000 | 3.8611 | 0.43544 | 0.13343 | 7 | 0.04 | 0% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 2126 | 4.0700 | 0.00000 | 3.8611 | 0.43544 | 0.13343 | 7 | 0.48 | 3% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0100 | 4.2150 | 0.05000 | 3.8611 | 0.43544 | 0.13343 | 7 | 0.81 | 5% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 2161 | 4.3150 | 0.25000 | 3.8611 | 0.43544 | 0.13343 | 7 | 1.04 | 6% | 0 |
| 021.31 | Cobalt, AAS, Dry ash (mg / kg (ppm)) | 0689 | 1.4500 | 0.10000 | | | | 3 | | | 0 |
| 021.31 | Cobalt, AAS, Dry ash (mg / kg (ppm)) | 0164 | 1.7000 | 0.00000 | | | | 3 | | | 0 |
| 021.31 | Cobalt, AAS, Dry ash (mg / kg (ppm)) | 0939 | 2.2150 | 0.01000 | | | | 3 | | | 0 |
| 021.34 | Cobalt, AAS, Graphite furnace (mg / kg (ppm)) | 0610 | 1.7050 | 0.07000 | | | | 1 | | | 0 |
| 021.41 | Cobalt, ICP, Dry ash (mg / kg (ppm)) | 0619 | 0.85700 | 0.01400 | | | | 3 | | | 0 |
| 021.41 | Cobalt, ICP, Dry ash (mg / kg (ppm)) | 0171 | 1.5600 | 0.04000 | | | | 3 | | | 0 |
| 021.41 | Cobalt, ICP, Dry ash (mg / kg (ppm)) | 0148 | 1.8650 | 0.05000 | | | | 3 | | | 0 |
| 021.42 | Cobalt, ICP, Open vessel (mg / kg (ppm)) | 0693 | 1.3245 | 0.31300 | | | | 3 | | | 0 |
| 021.42 | Cobalt, ICP, Open vessel (mg / kg (ppm)) | 0560 | 1.5000 | 0.44000 | | | | 3 | | | 0 |
| 021.42 | Cobalt, ICP, Open vessel (mg / kg (ppm)) | 0045 | 1.6000 | 0.20000 | | | | 3 | | | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0345 | 1.5750 | 0.01000 | 1.8255 | 0.19066 | 0.05687 | 7 | -1.31 | 7% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0043 | 1.7400 | 0.16000 | 1.8255 | 0.19066 | 0.05687 | 7 | -0.45 | 2% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0169 | 1.7600 | 0.00000 | 1.8255 | 0.19066 | 0.05687 | 7 | -0.34 | 2% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0964 | 1.7759 | 0.06230 | 1.8255 | 0.19066 | 0.05687 | 7 | -0.26 | 1% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0510 | 1.8850 | 0.01000 | 1.8255 | 0.19066 | 0.05687 | 7 | 0.31 | 2% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0038 | 1.9425 | 0.05500 | 1.8255 | 0.19066 | 0.05687 | 7 | 0.61 | 3% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0508 | 2.1004 | 0.10080 | 1.8255 | 0.19066 | 0.05687 | 7 | 1.44 | 8% | 0 |
| 021.43 | Cobalt, ICP, Microwave (mg / kg (ppm)) | 0027 | 689.07 | 39.944 | 1.8255 | 0.19066 | 0.05687 | 7 | 3604.47 | 18823% | 2 |
| 021.52 | Cobalt, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 1.1900 | 0.06000 | | | | 3 | | | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 1.3605 | 0.07580 | | | | 3 | | | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 1.3650 | 0.01000 | | | | 3 | | | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 1.1460 | 0.00800 | | | | 3 | | | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 1.3754 | 0.07600 | | | | 3 | | | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 1.7850 | 0.03000 | | | | 3 | | | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 1.7615 | 0.36300 | | | | 3 | | | 1 |
| 021.99 | Cobalt, Miscellaneous (mg / kg (ppm)) | 2161 | < 20 | | | | | 0 | | | 5 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0689 | 136.20 | 5.0000 | 184.24 | 12.177 | 3.8853 | 17 | -3.95 | 13% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0536 | 166.73 | 1.6500 | 184.24 | 12.177 | 3.8853 | 17 | -1.44 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0656 | 174.82 | 5.7500 | 184.24 | 12.177 | 3.8853 | 17 | -0.77 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 2062 | 175.20 | 0.40000 | 184.24 | 12.177 | 3.8853 | 17 | -0.74 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0868 | 177.95 | 2.6900 | 184.24 | 12.177 | 3.8853 | 17 | -0.52 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0638 | 178.50 | 11.000 | 184.24 | 12.177 | 3.8853 | 17 | -0.47 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0175 | 181.00 | 6.0000 | 184.24 | 12.177 | 3.8853 | 17 | -0.27 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0001 | 181.40 | 7.6000 | 184.24 | 12.177 | 3.8853 | 17 | -0.23 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0354 | 184.05 | 1.0300 | 184.24 | 12.177 | 3.8853 | 17 | -0.02 | 0% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 2196 | 185.70 | 0.00000 | 184.24 | 12.177 | 3.8853 | 17 | 0.12 | 0% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 2188 | 185.89 | 1.5180 | 184.24 | 12.177 | 3.8853 | 17 | 0.14 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0939 | 191.45 | 4.5900 | 184.24 | 12.177 | 3.8853 | 17 | 0.59 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 2195 | 192.28 | 1.0700 | 184.24 | 12.177 | 3.8853 | 17 | 0.66 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0208 | 192.50 | 5.0000 | 184.24 | 12.177 | 3.8853 | 17 | 0.68 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0884 | 193.85 | 3.3000 | 184.24 | 12.177 | 3.8853 | 17 | 0.79 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0904 | 202.33 | 3.7800 | 184.24 | 12.177 | 3.8853 | 17 | 1.49 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 2022 | 206.25 | 5.6720 | 184.24 | 12.177 | 3.8853 | 17 | 1.81 | 6% | 0 |
| 022.31 | Copper, AAS, Dry ash (mg / kg (ppm)) | 0563 | 177.29 | 22.845 | 184.24 | 12.177 | 3.8853 | 17 | -0.57 | 2% | 1 |
| 022.32 | Copper, AAS, Open vessel (mg / kg (ppm)) | 0038 | 178.50 | 1.2000 | | | | 3 | | | 0 |
| 022.32 | Copper, AAS, Open vessel (mg / kg (ppm)) | 0609 | 180.00 | 0.00000 | | | | 3 | | | 0 |
| 022.32 | Copper, AAS, Open vessel (mg / kg (ppm)) | 2128 | 196.73 | 23.676 | | | | 3 | | | 0 |
| 022.33 | Copper, AAS, Microwave (mg / kg (ppm)) | 0010 | 197.50 | 5.0000 | | | | 3 | | | 0 |
| 022.33 | Copper, AAS, Microwave (mg / kg (ppm)) | 0948 | 219.86 | 2.0290 | | | | 3 | | | 0 |
| 022.33 | Copper, AAS, Microwave (mg / kg (ppm)) | 2178 | 321.50 | 11.000 | | | | 3 | | | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0619 | 155.50 | 9.0000 | 175.08 | 13.239 | 8.0398 | 22 | -1.48 | 6% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0148 | 156.90 | 0.80000 | 175.08 | 13.239 | 8.0398 | 22 | -1.37 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0049 | 157.68 | 3.5100 | 175.08 | 13.239 | 8.0398 | 22 | -1.32 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0405 | 158.19 | 6.4200 | 175.08 | 13.239 | 8.0398 | 22 | -1.28 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 2012 | 162.70 | 4.8500 | 175.08 | 13.239 | 8.0398 | 22 | -0.94 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 2145 | 164.60 | 0.00000 | 175.08 | 13.239 | 8.0398 | 22 | -0.79 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0520 | 169.00 | 12.000 | 175.08 | 13.239 | 8.0398 | 22 | -0.46 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0003 | 170.50 | 9.0000 | 175.08 | 13.239 | 8.0398 | 22 | -0.35 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0910 | 171.00 | 2.0000 | 175.08 | 13.239 | 8.0398 | 22 | -0.31 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0878 | 175.00 | 14.000 | 175.08 | 13.239 | 8.0398 | 22 | -0.01 | 0% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0171 | 178.35 | 1.0000 | 175.08 | 13.239 | 8.0398 | 22 | 0.25 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0229 | 179.80 | 1.6400 | 175.08 | 13.239 | 8.0398 | 22 | 0.36 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0019 | 180.20 | 13.400 | 175.08 | 13.239 | 8.0398 | 22 | 0.39 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0505 | 180.50 | 2.0000 | 175.08 | 13.239 | 8.0398 | 22 | 0.41 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0358 | 184.27 | 4.7300 | 175.08 | 13.239 | 8.0398 | 22 | 0.69 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0208 | 184.30 | 6.6000 | 175.08 | 13.239 | 8.0398 | 22 | 0.70 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0598 | 184.85 | 27.300 | 175.08 | 13.239 | 8.0398 | 22 | 0.74 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0164 | 185.00 | 10.000 | 175.08 | 13.239 | 8.0398 | 22 | 0.75 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0098 | 185.10 | 16.000 | 175.08 | 13.239 | 8.0398 | 22 | 0.76 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0511 | 185.50 | 27.000 | 175.08 | 13.239 | 8.0398 | 22 | 0.79 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0074 | 188.00 | 4.0000 | 175.08 | 13.239 | 8.0398 | 22 | 0.98 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0407 | 197.94 | 1.6257 | 175.08 | 13.239 | 8.0398 | 22 | 1.73 | 7% | 0 |
| 022.41 | Copper, ICP, Dry ash (mg / kg (ppm)) | 0226 | 253.27 | 60.140 | 175.08 | 13.239 | 8.0398 | 22 | 5.91 | 22% | 1 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0037 | 140.00 | 12.000 | 200.78 | 11.827 | 8.2049 | 20 | -5.14 | 15% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0263 | 185.07 | 0.36000 | 200.78 | 11.827 | 8.2049 | 20 | -1.33 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0870 | 186.90 | 5.2000 | 200.78 | 11.827 | 8.2049 | 20 | -1.17 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0096 | 187.94 | 9.7784 | 200.78 | 11.827 | 8.2049 | 20 | -1.09 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0045 | 190.50 | 11.000 | 200.78 | 11.827 | 8.2049 | 20 | -0.87 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0278 | 194.75 | 2.3000 | 200.78 | 11.827 | 8.2049 | 20 | -0.51 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0726 | 195.55 | 1.1000 | 200.78 | 11.827 | 8.2049 | 20 | -0.44 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0294 | 197.98 | 7.3500 | 200.78 | 11.827 | 8.2049 | 20 | -0.24 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0413 | 201.50 | 5.0000 | 200.78 | 11.827 | 8.2049 | 20 | 0.06 | 0% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0560 | 203.00 | 13.800 | 200.78 | 11.827 | 8.2049 | 20 | 0.19 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0357 | 203.87 | 0.70900 | 200.78 | 11.827 | 8.2049 | 20 | 0.26 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0190 | 204.09 | 0.69000 | 200.78 | 11.827 | 8.2049 | 20 | 0.28 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0693 | 204.25 | 8.5000 | 200.78 | 11.827 | 8.2049 | 20 | 0.29 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0035 | 204.50 | 1.0000 | 200.78 | 11.827 | 8.2049 | 20 | 0.31 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0685 | 206.73 | 0.44000 | 200.78 | 11.827 | 8.2049 | 20 | 0.50 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0187 | 207.47 | 0.87000 | 200.78 | 11.827 | 8.2049 | 20 | 0.56 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0042 | 208.50 | 31.000 | 200.78 | 11.827 | 8.2049 | 20 | 0.65 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0186 | 213.00 | 8.0000 | 200.78 | 11.827 | 8.2049 | 20 | 1.03 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 0692 | 224.00 | 22.000 | 200.78 | 11.827 | 8.2049 | 20 | 1.96 | 6% | 0 |
| 022.42 | Copper, ICP, Open vessel (mg / kg (ppm)) | 2053 | 253.50 | 23.000 | 200.78 | 11.827 | 8.2049 | 20 | 4.46 | 13% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0918 | 178.04 | 0.75000 | 200.99 | 13.156 | 10.052 | 25 | -1.74 | 6% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0510 | 179.00 | 4.0000 | 200.99 | 13.156 | 10.052 | 25 | -1.67 | 5% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0345 | 182.50 | 5.0000 | 200.99 | 13.156 | 10.052 | 25 | -1.41 | 5% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 2089 | 190.41 | 9.2700 | 200.99 | 13.156 | 10.052 | 25 | -0.80 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0682 | 191.20 | 0.00000 | 200.99 | 13.156 | 10.052 | 25 | -0.74 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0610 | 191.75 | 2.5000 | 200.99 | 13.156 | 10.052 | 25 | -0.70 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0098 | 192.65 | 12.500 | 200.99 | 13.156 | 10.052 | 25 | -0.63 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0043 | 195.00 | 18.000 | 200.99 | 13.156 | 10.052 | 25 | -0.46 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0033 | 196.00 | 20.000 | 200.99 | 13.156 | 10.052 | 25 | -0.38 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0668 | 197.00 | 14.000 | 200.99 | 13.156 | 10.052 | 25 | -0.30 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0353 | 197.50 | 1.0000 | 200.99 | 13.156 | 10.052 | 25 | -0.27 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0017 | 199.26 | 10.223 | 200.99 | 13.156 | 10.052 | 25 | -0.13 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0964 | 199.38 | 24.057 | 200.99 | 13.156 | 10.052 | 25 | -0.12 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0083 | 203.50 | 3.0000 | 200.99 | 13.156 | 10.052 | 25 | 0.19 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0169 | 204.50 | 3.0000 | 200.99 | 13.156 | 10.052 | 25 | 0.27 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0425 | 204.65 | 33.300 | 200.99 | 13.156 | 10.052 | 25 | 0.28 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0508 | 205.49 | 13.360 | 200.99 | 13.156 | 10.052 | 25 | 0.34 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0968 | 206.00 | 4.0000 | 200.99 | 13.156 | 10.052 | 25 | 0.38 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0038 | 206.94 | 14.450 | 200.99 | 13.156 | 10.052 | 25 | 0.45 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0035 | 210.00 | 0.00000 | 200.99 | 13.156 | 10.052 | 25 | 0.68 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0013 | 212.50 | 7.0000 | 200.99 | 13.156 | 10.052 | 25 | 0.87 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0675 | 214.44 | 9.2300 | 200.99 | 13.156 | 10.052 | 25 | 1.02 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0027 | 220.13 | 16.081 | 200.99 | 13.156 | 10.052 | 25 | 1.46 | 5% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 0861 | 229.50 | 9.0000 | 200.99 | 13.156 | 10.052 | 25 | 2.17 | 7% | 0 |
| 022.43 | Copper, ICP, Microwave (mg / kg (ppm)) | 2192 | 240.47 | 17.590 | 200.99 | 13.156 | 10.052 | 25 | 3.00 | 10% | 0 |
| 022.52 | Copper, ICP-MS, Open vessel (mg / kg (ppm)) | 0016 | 119.50 | 7.0000 | 160.45 | 40.328 | 7.3354 | 4 | | | 0 |
| 022.52 | Copper, ICP-MS, Open vessel (mg / kg (ppm)) | 0047 | 132.85 | 12.300 | 160.45 | 40.328 | 7.3354 | 4 | | | 0 |
| 022.52 | Copper, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 188.00 | 6.0000 | 160.45 | 40.328 | 7.3354 | 4 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 022.52 | Copper, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 201.45 | 4.0415 | 160.45 | 40.328 | 7.3354 | 4 | | | 0 |
| 022.53 | Copper, ICP-MS, Microwave (mg / kg (ppm)) | 0638 | 168.50 | 11.000 | 187.14 | 17.509 | 10.658 | 4 | | | 0 |
| 022.53 | Copper, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 176.07 | 11.630 | 187.14 | 17.509 | 10.658 | 4 | | | 0 |
| 022.53 | Copper, ICP-MS, Microwave (mg / kg (ppm)) | 0572 | 200.00 | 14.000 | 187.14 | 17.509 | 10.658 | 4 | | | 0 |
| 022.53 | Copper, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 204.00 | 6.0000 | 187.14 | 17.509 | 10.658 | 4 | | | 0 |
| 022.99 | Copper, Miscellaneous (mg / kg (ppm)) | 0590 | 170.00 | 8.0000 | 195.88 | 19.124 | 4.7500 | 4 | | | 0 |
| 022.99 | Copper, Miscellaneous (mg / kg (ppm)) | 0100 | 197.00 | 2.0000 | 195.88 | 19.124 | 4.7500 | 4 | | | 0 |
| 022.99 | Copper, Miscellaneous (mg / kg (ppm)) | 2161 | 200.50 | 1.0000 | 195.88 | 19.124 | 4.7500 | 4 | | | 0 |
| 022.99 | Copper, Miscellaneous (mg / kg (ppm)) | 0242 | 216.00 | 8.0000 | 195.88 | 19.124 | 4.7500 | 4 | | | 0 |
| 024.03 | Iodine, Ion-selective electrode (mg / kg (ppm)) | 0171 | 2.5000 | 0.00000 | | | | 1 | | | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0689 | 1,032.2 | 16.000 | 1,194.5 | 78.899 | 24.472 | 17 | -2.06 | 7% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0638 | 1,080.0 | 60.000 | 1,194.5 | 78.899 | 24.472 | 17 | -1.45 | 5% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0563 | 1,091.2 | 30.056 | 1,194.5 | 78.899 | 24.472 | 17 | -1.31 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 2188 | 1,142.1 | 12.467 | 1,194.5 | 78.899 | 24.472 | 17 | -0.66 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 2022 | 1,156.6 | 1.6490 | 1,194.5 | 78.899 | 24.472 | 17 | -0.48 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 2062 | 1,181.0 | 11.200 | 1,194.5 | 78.899 | 24.472 | 17 | -0.17 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0939 | 1,186.0 | 4.0000 | 1,194.5 | 78.899 | 24.472 | 17 | -0.11 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0208 | 1,195.0 | 110.00 | 1,194.5 | 78.899 | 24.472 | 17 | 0.01 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0874 | 1,195.0 | 30.000 | 1,194.5 | 78.899 | 24.472 | 17 | 0.01 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0175 | 1,200.0 | 0.00000 | 1,194.5 | 78.899 | 24.472 | 17 | 0.07 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0904 | 1,218.1 | 87.360 | 1,194.5 | 78.899 | 24.472 | 17 | 0.30 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 2195 | 1,232.0 | 20.000 | 1,194.5 | 78.899 | 24.472 | 17 | 0.48 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 2196 | 1,237.1 | 0.00000 | 1,194.5 | 78.899 | 24.472 | 17 | 0.54 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0001 | 1,251.5 | 11.000 | 1,194.5 | 78.899 | 24.472 | 17 | 0.72 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0354 | 1,254.9 | 18.200 | 1,194.5 | 78.899 | 24.472 | 17 | 0.77 | 3% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0868 | 1,297.1 | 0.30000 | 1,194.5 | 78.899 | 24.472 | 17 | 1.30 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0884 | 1,360.6 | 3.8000 | 1,194.5 | 78.899 | 24.472 | 17 | 2.11 | 7% | 0 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0038 | 1,069.5 | 202.95 | 1,194.5 | 78.899 | 24.472 | 17 | -1.58 | 5% | 1 |
| 025.31 | Iron, AAS, Dry ash (mg / kg (ppm)) | 0536 | 49.850 | 4.7000 | 1,194.5 | 78.899 | 24.472 | 17 | -14.51 | 48% | 2 |
| 025.32 | Iron, AAS, Open vessel (mg / kg (ppm)) | 0609 | 887.50 | 5.0000 | | | | 3 | | | 0 |
| 025.32 | Iron, AAS, Open vessel (mg / kg (ppm)) | 2128 | 940.49 | 298.92 | | | | 3 | | | 0 |
| 025.32 | Iron, AAS, Open vessel (mg / kg (ppm)) | 0656 | 1,217.3 | 0.27000 | | | | 3 | | | 0 |
| 025.33 | Iron, AAS, Microwave (mg / kg (ppm)) | 2178 | 1,309.5 | 179.00 | | | | 1 | | | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0619 | 808.00 | 30.000 | 1,184.1 | 85.245 | 33.988 | 22 | -4.41 | 16% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0598 | 896.40 | 18.000 | 1,184.1 | 85.245 | 33.988 | 22 | -3.38 | 12% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 2012 | 898.49 | 0.21000 | 1,184.1 | 85.245 | 33.988 | 22 | -3.35 | 12% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0520 | 1,102.5 | 3.0000 | 1,184.1 | 85.245 | 33.988 | 22 | -0.96 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0878 | 1,104.0 | 30.000 | 1,184.1 | 85.245 | 33.988 | 22 | -0.94 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0171 | 1,126.0 | 8.0000 | 1,184.1 | 85.245 | 33.988 | 22 | -0.68 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 2145 | 1,127.0 | 24.000 | 1,184.1 | 85.245 | 33.988 | 22 | -0.67 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0098 | 1,139.0 | 82.000 | 1,184.1 | 85.245 | 33.988 | 22 | -0.53 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0407 | 1,174.0 | 28.369 | 1,184.1 | 85.245 | 33.988 | 22 | -0.12 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0148 | 1,199.3 | 14.900 | 1,184.1 | 85.245 | 33.988 | 22 | 0.18 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0505 | 1,203.0 | 94.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.22 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0511 | 1,211.5 | 69.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.32 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0208 | 1,218.0 | 46.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.40 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0049 | 1,219.2 | 70.760 | 1,184.1 | 85.245 | 33.988 | 22 | 0.41 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0164 | 1,235.0 | 50.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.60 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0229 | 1,247.5 | 29.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.74 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0358 | 1,251.9 | 64.890 | 1,184.1 | 85.245 | 33.988 | 22 | 0.79 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0910 | 1,255.0 | 10.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.83 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0405 | 1,262.7 | 10.600 | 1,184.1 | 85.245 | 33.988 | 22 | 0.92 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0019 | 1,263.5 | 27.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.93 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0074 | 1,265.0 | 30.000 | 1,184.1 | 85.245 | 33.988 | 22 | 0.95 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0003 | 1,278.0 | 8.0000 | 1,184.1 | 85.245 | 33.988 | 22 | 1.10 | 4% | 0 |
| 025.41 | Iron, ICP, Dry ash (mg / kg (ppm)) | 0226 | 1,434.3 | 175.96 | 1,184.1 | 85.245 | 33.988 | 22 | 2.93 | 11% | 1 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0278 | 178.50 | 9.0000 | 1,085.7 | 177.13 | 31.503 | 15 | -5.12 | 42% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0726 | 607.50 | 2.2000 | 1,085.7 | 177.13 | 31.503 | 15 | -2.70 | 22% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0190 | 687.55 | 22.500 | 1,085.7 | 177.13 | 31.503 | 15 | -2.25 | 18% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0096 | 1,026.5 | 42.904 | 1,085.7 | 177.13 | 31.503 | 15 | -0.33 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0560 | 1,062.0 | 37.000 | 1,085.7 | 177.13 | 31.503 | 15 | -0.13 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0294 | 1,070.7 | 16.000 | 1,085.7 | 177.13 | 31.503 | 15 | -0.08 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0187 | 1,113.6 | 5.9000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.16 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0870 | 1,128.5 | 5.0000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.24 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0037 | 1,144.5 | 125.00 | 1,085.7 | 177.13 | 31.503 | 15 | 0.33 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0263 | 1,147.8 | 0.75000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.35 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0693 | 1,173.9 | 4.2930 | 1,085.7 | 177.13 | 31.503 | 15 | 0.50 | 4% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0413 | 1,200.0 | 60.000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.65 | 5% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0045 | 1,205.0 | 50.000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.67 | 5% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0692 | 1,214.5 | 15.000 | 1,085.7 | 177.13 | 31.503 | 15 | 0.73 | 6% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 2053 | 1,338.5 | 77.000 | 1,085.7 | 177.13 | 31.503 | 15 | 1.43 | 12% | 0 |
| 025.42 | Iron, ICP, Open vessel (mg / kg (ppm)) | 0042 | 1,003.0 | 186.00 | 1,085.7 | 177.13 | 31.503 | 15 | -0.47 | 4% | 1 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0918 | 792.19 | 9.9300 | 1,170.9 | 97.851 | 42.488 | 24 | -3.87 | 16% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0043 | 949.00 | 48.000 | 1,170.9 | 97.851 | 42.488 | 24 | -2.27 | 9% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0345 | 955.50 | 27.000 | 1,170.9 | 97.851 | 42.488 | 24 | -2.20 | 9% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0668 | 1,071.0 | 140.00 | 1,170.9 | 97.851 | 42.488 | 24 | -1.02 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0353 | 1,086.5 | 39.000 | 1,170.9 | 97.851 | 42.488 | 24 | -0.86 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0425 | 1,101.1 | 170.00 | 1,170.9 | 97.851 | 42.488 | 24 | -0.71 | 3% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0610 | 1,104.0 | 20.000 | 1,170.9 | 97.851 | 42.488 | 24 | -0.68 | 3% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0017 | 1,141.9 | 22.438 | 1,170.9 | 97.851 | 42.488 | 24 | -0.30 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0098 | 1,150.5 | 17.000 | 1,170.9 | 97.851 | 42.488 | 24 | -0.21 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0510 | 1,155.0 | 30.000 | 1,170.9 | 97.851 | 42.488 | 24 | -0.16 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 2089 | 1,160.1 | 1.7100 | 1,170.9 | 97.851 | 42.488 | 24 | -0.11 | 0% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0033 | 1,165.0 | 70.000 | 1,170.9 | 97.851 | 42.488 | 24 | -0.06 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0968 | 1,170.5 | 1.0000 | 1,170.9 | 97.851 | 42.488 | 24 | 0.00 | 0% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 2192 | 1,182.9 | 16.800 | 1,170.9 | 97.851 | 42.488 | 24 | 0.12 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0013 | 1,210.0 | 40.000 | 1,170.9 | 97.851 | 42.488 | 24 | 0.40 | 2% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0034 | 1,221.0 | 58.000 | 1,170.9 | 97.851 | 42.488 | 24 | 0.51 | 2% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0169 | 1,225.0 | 82.000 | 1,170.9 | 97.851 | 42.488 | 24 | 0.55 | 2% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0508 | 1,236.7 | 56.700 | 1,170.9 | 97.851 | 42.488 | 24 | 0.67 | 3% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0964 | 1,241.6 | 65.182 | 1,170.9 | 97.851 | 42.488 | 24 | 0.72 | 3% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0083 | 1,259.0 | 36.000 | 1,170.9 | 97.851 | 42.488 | 24 | 0.90 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0027 | 1,269.7 | 20.240 | 1,170.9 | 97.851 | 42.488 | 24 | 1.01 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0861 | 1,280.0 | 20.000 | 1,170.9 | 97.851 | 42.488 | 24 | 1.12 | 5% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0682 | 1,297.2 | 0.00000 | 1,170.9 | 97.851 | 42.488 | 24 | 1.29 | 5% | 0 |
| 025.43 | Iron, ICP, Microwave (mg / kg (ppm)) | 0675 | 1,300.1 | 28.720 | 1,170.9 | 97.851 | 42.488 | 24 | 1.32 | 6% | 0 |
| 025.52 | Iron, ICP-MS, Open vessel (mg / kg (ppm)) | 0154 | 980.64 | 107.26 | | | | 2 | | | 0 |
| 025.52 | Iron, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 1,261.5 | 69.899 | | | | 2 | | | 0 |
| 025.53 | Iron, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 800.50 | 15.000 | | | | 3 | | | 0 |
| 025.53 | Iron, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 1,210.0 | 20.000 | | | | 3 | | | 0 |
| 025.53 | Iron, ICP-MS, Microwave (mg / kg (ppm)) | 0638 | 1,223.5 | 33.000 | | | | 3 | | | 0 |
| 025.99 | Iron, Miscellaneous (mg / kg (ppm)) | 2161 | 873.00 | 64.000 | | | | 3 | | | 0 |
| 025.99 | Iron, Miscellaneous (mg / kg (ppm)) | 0242 | 1,206.5 | 9.0000 | | | | 3 | | | 0 |
| 025.99 | Iron, Miscellaneous (mg / kg (ppm)) | 0100 | 1,239.0 | 36.000 | | | | 3 | | | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0536 | 0.19000 | 0.00000 | 0.21419 | 0.01648 | 0.00379 | 13 | -1.47 | 6% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0689 | 0.19500 | 0.01000 | 0.21419 | 0.01648 | 0.00379 | 13 | -1.16 | 4% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0939 | 0.20000 | 0.00000 | 0.21419 | 0.01648 | 0.00379 | 13 | -0.86 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0175 | 0.20500 | 0.01000 | 0.21419 | 0.01648 | 0.00379 | 13 | -0.56 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0142 | 0.20945 | 0.00010 | 0.21419 | 0.01648 | 0.00379 | 13 | -0.29 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0638 | 0.21000 | 0.00000 | 0.21419 | 0.01648 | 0.00379 | 13 | -0.25 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0904 | 0.21500 | 0.01000 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.05 | 0% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0208 | 0.21650 | 0.00300 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.14 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0868 | 0.22000 | 0.00000 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.35 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0884 | 0.22500 | 0.01000 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.66 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0563 | 0.22960 | 0.00320 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.94 | 4% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0354 | 0.23000 | 0.00000 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.96 | 4% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0874 | 0.26250 | 0.00300 | 0.21419 | 0.01648 | 0.00379 | 13 | 2.93 | 11% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0650 | 0.22000 | 0.04000 | 0.21419 | 0.01648 | 0.00379 | 13 | 0.35 | 1% | 1 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0609 | 0.23000 | 0.00000 | | | | 3 | | | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0656 | 0.24500 | 0.01000 | | | | 3 | | | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0169 | 208.00 | 6.0000 | | | | 3 | | | 0 |
| 027.33 | Magnesium, AAS, Microwave (%) | 0948 | 0.25050 | 0.00500 | | | | 1 | | | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0407 | 0.18550 | 0.00180 | 0.21569 | 0.01164 | 0.00799 | 24 | -2.59 | 7% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0003 | 0.20500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.92 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0049 | 0.20500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.92 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0098 | 0.20500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.92 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0413 | 0.20500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.92 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0910 | 0.20500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.92 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0229 | 0.20650 | 0.00500 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.79 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0164 | 0.20850 | 0.01100 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.62 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0148 | 0.21070 | 0.00460 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.43 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0171 | 0.21100 | 0.00000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.40 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0208 | 0.21400 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.15 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0019 | 0.21500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.06 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0520 | 0.21500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.06 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 2012 | 0.21500 | 0.01000 | 0.21569 | 0.01164 | 0.00799 | 24 | -0.06 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0139 | 0.21820 | 0.00100 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.22 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0074 | 0.22000 | 0.00000 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.37 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0653 | 0.22000 | 0.00200 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.37 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0878 | 0.22000 | 0.02000 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.37 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0619 | 0.22350 | 0.00100 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.67 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0598 | 0.22650 | 0.00640 | 0.21569 | 0.01164 | 0.00799 | 24 | 0.93 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0358 | 0.23000 | 0.02000 | 0.21569 | 0.01164 | 0.00799 | 24 | 1.23 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0226 | 0.24000 | 0.02000 | 0.21569 | 0.01164 | 0.00799 | 24 | 2.09 | 6% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0505 | 0.24000 | 0.00000 | 0.21569 | 0.01164 | 0.00799 | 24 | 2.09 | 6% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0405 | 0.27150 | 0.00900 | 0.21569 | 0.01164 | 0.00799 | 24 | 4.80 | 13% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0294 | 0.18500 | 0.01000 | 0.21569 | 0.01651 | 0.01292 | 19 | -1.86 | 7% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0096 | 0.18785 | 0.00170 | 0.21569 | 0.01651 | 0.01292 | 19 | -1.69 | 6% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0870 | 0.19630 | 0.01020 | 0.21569 | 0.01651 | 0.01292 | 19 | -1.17 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0278 | 0.20000 | 0.02000 | 0.21569 | 0.01651 | 0.01292 | 19 | -0.95 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0560 | 0.20050 | 0.01440 | 0.21569 | 0.01651 | 0.01292 | 19 | -0.92 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0692 | 0.20500 | 0.03000 | 0.21569 | 0.01651 | 0.01292 | 19 | -0.65 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0037 | 0.21500 | 0.03000 | 0.21569 | 0.01651 | 0.01292 | 19 | -0.04 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0042 | 0.21600 | 0.01200 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.02 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0263 | 0.21750 | 0.00100 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.11 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0035 | 0.22000 | 0.02000 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.26 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0685 | 0.22000 | 0.00000 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.26 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0357 | 0.22010 | 0.00160 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.27 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0186 | 0.22100 | 0.00400 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.32 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0190 | 0.22500 | 0.01000 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.56 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0045 | 0.22600 | 0.03800 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.62 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0726 | 0.22940 | 0.00040 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.83 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 2053 | 0.23000 | 0.00000 | 0.21569 | 0.01651 | 0.01292 | 19 | 0.87 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0187 | 0.23395 | 0.00210 | 0.21569 | 0.01651 | 0.01292 | 19 | 1.11 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0693 | 0.25800 | 0.04000 | 0.21569 | 0.01651 | 0.01292 | 19 | 2.56 | 10% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0345 | 0.18800 | 0.00200 | 0.21308 | 0.00887 | 0.00630 | 23 | -2.83 | 6% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0510 | 0.19000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | -2.60 | 5% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0668 | 0.19650 | 0.01100 | 0.21308 | 0.00887 | 0.00630 | 23 | -1.87 | 4% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 027.43 | Magnesium, ICP, Microwave (%) | 0098 | 0.20500 | 0.01000 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.91 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0508 | 0.20695 | 0.00430 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.69 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0968 | 0.20850 | 0.00100 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.52 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0083 | 0.21000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.35 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0089 | 0.21000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.35 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0610 | 0.21000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.35 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0638 | 0.21000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.35 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0034 | 0.21100 | 0.01560 | 0.21308 | 0.00887 | 0.00630 | 23 | -0.23 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0017 | 0.21350 | 0.00900 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.05 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0918 | 0.21350 | 0.00300 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.05 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 2089 | 0.21500 | 0.01000 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.22 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0043 | 0.21550 | 0.00100 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.27 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0861 | 0.21700 | 0.01200 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.44 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0035 | 0.22000 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.78 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0675 | 0.22000 | 0.02000 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.78 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0038 | 0.22075 | 0.01050 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.86 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0964 | 0.22090 | 0.01060 | 0.21308 | 0.00887 | 0.00630 | 23 | 0.88 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0006 | 0.22250 | 0.00500 | 0.21308 | 0.00887 | 0.00630 | 23 | 1.06 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0425 | 0.22500 | 0.01000 | 0.21308 | 0.00887 | 0.00630 | 23 | 1.34 | 3% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0353 | 0.23500 | 0.01000 | 0.21308 | 0.00887 | 0.00630 | 23 | 2.47 | 5% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0682 | 2,362.5 | 0.00000 | 0.21308 | 0.00887 | 0.00630 | 23 | 266282.64 | 554317% | 2 |
| 027.52 | Magnesium, ICP-MS, Open vessel (%) | 0186 | 0.21050 | 0.00300 | | | | 3 | | | 0 |
| 027.52 | Magnesium, ICP-MS, Open vessel (%) | 0154 | 0.22440 | 0.00040 | | | | 3 | | | 0 |
| 027.52 | Magnesium, ICP-MS, Open vessel (%) | 0096 | 0.22660 | 0.00640 | | | | 3 | | | 0 |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 0553 | 0.20900 | 0.01200 | | | | 2 | | | 0 |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 0572 | 0.22100 | 0.00400 | | | | 2 | | | 0 |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 0199 | < 0.5 | | | | | 2 | | | 5 |
| 027.99 | Magnesium, Miscellaneous (%) | 0889 | 0.20930 | 0.01820 | 0.21686 | 0.00775 | 0.00964 | 5 | | | 0 |
| 027.99 | Magnesium, Miscellaneous (%) | 0242 | 0.21500 | 0.01000 | 0.21686 | 0.00775 | 0.00964 | 5 | | | 0 |
| 027.99 | Magnesium, Miscellaneous (%) | 0590 | 0.21500 | 0.01000 | 0.21686 | 0.00775 | 0.00964 | 5 | | | 0 |
| 027.99 | Magnesium, Miscellaneous (%) | 2161 | 0.21500 | 0.01000 | 0.21686 | 0.00775 | 0.00964 | 5 | | | 0 |
| 027.99 | Magnesium, Miscellaneous (%) | 0100 | 0.23000 | 0.00000 | 0.21686 | 0.00775 | 0.00964 | 5 | | | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0505 | 158.95 | 5.1000 | 183.07 | 7.9204 | 3.6627 | 17 | -3.05 | 7% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0001 | 172.05 | 4.1000 | 183.07 | 7.9204 | 3.6627 | 17 | -1.39 | 3% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0536 | 173.05 | 16.100 | 183.07 | 7.9204 | 3.6627 | 17 | -1.27 | 3% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0175 | 178.00 | 4.0000 | 183.07 | 7.9204 | 3.6627 | 17 | -0.64 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0939 | 178.23 | 1.2500 | 183.07 | 7.9204 | 3.6627 | 17 | -0.61 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0563 | 179.40 | 4.6054 | 183.07 | 7.9204 | 3.6627 | 17 | -0.46 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 2195 | 180.98 | 2.8400 | 183.07 | 7.9204 | 3.6627 | 17 | -0.26 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0868 | 183.15 | 5.1900 | 183.07 | 7.9204 | 3.6627 | 17 | 0.01 | 0% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0904 | 183.85 | 5.2000 | 183.07 | 7.9204 | 3.6627 | 17 | 0.10 | 0% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 2196 | 185.00 | 0.00000 | 183.07 | 7.9204 | 3.6627 | 17 | 0.24 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 2062 | 186.40 | 2.4000 | 183.07 | 7.9204 | 3.6627 | 17 | 0.42 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0638 | 187.50 | 1.0000 | 183.07 | 7.9204 | 3.6627 | 17 | 0.56 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 2188 | 188.48 | 0.06700 | 183.07 | 7.9204 | 3.6627 | 17 | 0.68 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0208 | 189.00 | 6.0000 | 183.07 | 7.9204 | 3.6627 | 17 | 0.75 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 2022 | 190.45 | 1.1340 | 183.07 | 7.9204 | 3.6627 | 17 | 0.93 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0354 | 190.51 | 2.5800 | 183.07 | 7.9204 | 3.6627 | 17 | 0.94 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0884 | 195.85 | 0.70000 | 183.07 | 7.9204 | 3.6627 | 17 | 1.61 | 3% | 0 |
| 028.31 | Manganese, AAS, Dry ash (mg / kg (ppm)) | 0689 | 153.55 | 19.900 | 183.07 | 7.9204 | 3.6627 | 17 | -3.73 | 8% | 1 |
| 028.32 | Manganese, AAS, Open vessel (mg / kg (ppm)) | 2128 | 173.58 | 11.352 | 183.80 | 9.9718 | 5.4905 | 4 | | | 0 |
| 028.32 | Manganese, AAS, Open vessel (mg / kg (ppm)) | 0609 | 177.50 | 5.0000 | 183.80 | 9.9718 | 5.4905 | 4 | | | 0 |
| 028.32 | Manganese, AAS, Open vessel (mg / kg (ppm)) | 0038 | 189.10 | 1.8000 | 183.80 | 9.9718 | 5.4905 | 4 | | | 0 |
| 028.32 | Manganese, AAS, Open vessel (mg / kg (ppm)) | 0656 | 195.03 | 3.8100 | 183.80 | 9.9718 | 5.4905 | 4 | | | 0 |
| 028.33 | Manganese, AAS, Microwave (mg / kg (ppm)) | 2178 | 98.500 | 81.000 | | | | 2 | | | 0 |
| 028.33 | Manganese, AAS, Microwave (mg / kg (ppm)) | 0948 | 175.65 | 0.43200 | | | | 2 | | | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0619 | 136.50 | 1.0000 | 176.28 | 12.219 | 4.1815 | 21 | -3.26 | 11% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0049 | 156.12 | 5.1700 | 176.28 | 12.219 | 4.1815 | 21 | -1.65 | 6% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 2012 | 166.12 | 3.1200 | 176.28 | 12.219 | 4.1815 | 21 | -0.83 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0511 | 166.50 | 11.000 | 176.28 | 12.219 | 4.1815 | 21 | -0.80 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0598 | 166.90 | 1.0000 | 176.28 | 12.219 | 4.1815 | 21 | -0.77 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0520 | 168.00 | 2.0000 | 176.28 | 12.219 | 4.1815 | 21 | -0.68 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0878 | 168.00 | 12.000 | 176.28 | 12.219 | 4.1815 | 21 | -0.68 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0098 | 169.75 | 0.10000 | 176.28 | 12.219 | 4.1815 | 21 | -0.53 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0171 | 171.90 | 1.0000 | 176.28 | 12.219 | 4.1815 | 21 | -0.36 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0208 | 175.95 | 11.300 | 176.28 | 12.219 | 4.1815 | 21 | -0.03 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0407 | 177.76 | 1.3909 | 176.28 | 12.219 | 4.1815 | 21 | 0.12 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0164 | 178.00 | 4.0000 | 176.28 | 12.219 | 4.1815 | 21 | 0.14 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0910 | 180.00 | 0.00000 | 176.28 | 12.219 | 4.1815 | 21 | 0.30 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0229 | 180.41 | 4.6500 | 176.28 | 12.219 | 4.1815 | 21 | 0.34 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0003 | 182.00 | 4.0000 | 176.28 | 12.219 | 4.1815 | 21 | 0.47 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0148 | 184.20 | 0.80000 | 176.28 | 12.219 | 4.1815 | 21 | 0.65 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0653 | 185.75 | 1.9000 | 176.28 | 12.219 | 4.1815 | 21 | 0.77 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0019 | 186.10 | 7.8000 | 176.28 | 12.219 | 4.1815 | 21 | 0.80 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0074 | 189.50 | 7.0000 | 176.28 | 12.219 | 4.1815 | 21 | 1.08 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0358 | 201.21 | 0.14000 | 176.28 | 12.219 | 4.1815 | 21 | 2.04 | 7% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0405 | 315.62 | 8.4400 | 176.28 | 12.219 | 4.1815 | 21 | 11.40 | 40% | 0 |
| 028.41 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 0226 | 182.06 | 21.580 | 176.28 | 12.219 | 4.1815 | 21 | 0.47 | 2% | 1 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0096 | 161.36 | 5.9273 | 181.38 | 13.801 | 8.7508 | 20 | -1.45 | 6% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0870 | 165.10 | 11.600 | 181.38 | 13.801 | 8.7508 | 20 | -1.18 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0685 | 166.06 | 3.5300 | 181.38 | 13.801 | 8.7508 | 20 | -1.11 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0045 | 169.50 | 7.0000 | 181.38 | 13.801 | 8.7508 | 20 | -0.86 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0037 | 169.70 | 33.600 | 181.38 | 13.801 | 8.7508 | 20 | -0.85 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0278 | 170.50 | 3.0000 | 181.38 | 13.801 | 8.7508 | 20 | -0.79 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0560 | 174.25 | 11.500 | 181.38 | 13.801 | 8.7508 | 20 | -0.52 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0263 | 175.16 | 0.67000 | 181.38 | 13.801 | 8.7508 | 20 | -0.45 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0693 | 177.29 | 0.42700 | 181.38 | 13.801 | 8.7508 | 20 | -0.30 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0413 | 180.50 | 7.0000 | 181.38 | 13.801 | 8.7508 | 20 | -0.06 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0357 | 182.54 | 1.9610 | 181.38 | 13.801 | 8.7508 | 20 | 0.08 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0187 | 184.63 | 0.65000 | 181.38 | 13.801 | 8.7508 | 20 | 0.23 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0042 | 187.00 | 8.0000 | 181.38 | 13.801 | 8.7508 | 20 | 0.41 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0186 | 189.50 | 7.0000 | 181.38 | 13.801 | 8.7508 | 20 | 0.59 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0294 | 191.06 | 11.110 | 181.38 | 13.801 | 8.7508 | 20 | 0.70 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0692 | 194.00 | 32.000 | 181.38 | 13.801 | 8.7508 | 20 | 0.91 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0190 | 194.11 | 1.2400 | 181.38 | 13.801 | 8.7508 | 20 | 0.92 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0035 | 196.00 | 18.000 | 181.38 | 13.801 | 8.7508 | 20 | 1.06 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 2053 | 199.00 | 10.000 | 181.38 | 13.801 | 8.7508 | 20 | 1.28 | 5% | 0 |
| 028.42 | Manganese, ICP, Open vessel (mg / kg (ppm)) | 0726 | 200.40 | 0.80000 | 181.38 | 13.801 | 8.7508 | 20 | 1.38 | 5% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0425 | 165.80 | 3.2000 | 180.34 | 9.6374 | 7.8006 | 24 | -1.51 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0610 | 167.50 | 4.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -1.33 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0353 | 168.50 | 7.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -1.23 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0033 | 169.50 | 11.000 | 180.34 | 9.6374 | 7.8006 | 24 | -1.13 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0345 | 172.50 | 5.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.81 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0918 | 174.91 | 16.300 | 180.34 | 9.6374 | 7.8006 | 24 | -0.56 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0043 | 176.50 | 3.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.40 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0668 | 177.00 | 8.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.35 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0034 | 177.55 | 6.7000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.29 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0098 | 178.00 | 7.8000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.24 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0968 | 178.00 | 4.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.24 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 2089 | 178.39 | 8.0200 | 180.34 | 9.6374 | 7.8006 | 24 | -0.20 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0675 | 178.93 | 2.8200 | 180.34 | 9.6374 | 7.8006 | 24 | -0.15 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0861 | 179.00 | 6.0000 | 180.34 | 9.6374 | 7.8006 | 24 | -0.14 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0013 | 180.50 | 3.0000 | 180.34 | 9.6374 | 7.8006 | 24 | 0.02 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0038 | 184.27 | 21.430 | 180.34 | 9.6374 | 7.8006 | 24 | 0.41 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0508 | 184.30 | 21.780 | 180.34 | 9.6374 | 7.8006 | 24 | 0.41 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0017 | 187.14 | 14.828 | 180.34 | 9.6374 | 7.8006 | 24 | 0.71 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0964 | 188.50 | 12.824 | 180.34 | 9.6374 | 7.8006 | 24 | 0.85 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0682 | 189.30 | 0.00000 | 180.34 | 9.6374 | 7.8006 | 24 | 0.93 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0510 | 189.50 | 7.0000 | 180.34 | 9.6374 | 7.8006 | 24 | 0.95 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0083 | 193.00 | 4.0000 | 180.34 | 9.6374 | 7.8006 | 24 | 1.31 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0035 | 196.50 | 1.0000 | 180.34 | 9.6374 | 7.8006 | 24 | 1.68 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0027 | 207.20 | 8.5130 | 180.34 | 9.6374 | 7.8006 | 24 | 2.79 | 7% | 0 |
| 028.43 | Manganese, ICP, Microwave (mg / kg (ppm)) | 0169 | 0.23000 | 0.00000 | 180.34 | 9.6374 | 7.8006 | 24 | -18.69 | 50% | 2 |
| 028.44 | Manganese, ICP, Dry ash (mg / kg (ppm)) | 2145 | 177.55 | 0.10000 | | | | 1 | | | 0 |
| 028.52 | Manganese, ICP-MS, Open vessel (mg / kg (ppm)) | 0047 | 131.75 | 10.500 | | | | 3 | | | 0 |
| 028.52 | Manganese, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 180.10 | 0.78570 | | | | 3 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 028.52 | Manganese, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 186.00 | 2.0000 | | | | 3 | | | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (mg / kg (ppm)) | 2192 | 163.02 | 16.020 | 178.28 | 11.325 | 11.694 | 5 | | | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 172.00 | 2.0000 | 178.28 | 11.325 | 11.694 | 5 | | | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (mg / kg (ppm)) | 0638 | 179.50 | 1.0000 | 178.28 | 11.325 | 11.694 | 5 | | | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 184.37 | 20.450 | 178.28 | 11.325 | 11.694 | 5 | | | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (mg / kg (ppm)) | 0572 | 192.50 | 19.000 | 178.28 | 11.325 | 11.694 | 5 | | | 0 |
| 028.99 | Manganese, Miscellaneous (mg / kg (ppm)) | 2161 | 187.00 | 5.2000 | 192.38 | 4.7500 | 7.5500 | 4 | | | 0 |
| 028.99 | Manganese, Miscellaneous (mg / kg (ppm)) | 0100 | 190.00 | 10.000 | 192.38 | 4.7500 | 7.5500 | 4 | | | 0 |
| 028.99 | Manganese, Miscellaneous (mg / kg (ppm)) | 0242 | 195.00 | 6.0000 | 192.38 | 4.7500 | 7.5500 | 4 | | | 0 |
| 028.99 | Manganese, Miscellaneous (mg / kg (ppm)) | 0590 | 197.50 | 9.0000 | 192.38 | 4.7500 | 7.5500 | 4 | | | 0 |
| 031.00 | Phosphorus, Vol (%) | 0895 | 1.1550 | 0.01000 | | | | 2 | | | 0 |
| 031.00 | Phosphorus, Vol (%) | 0893 | 1.1600 | 0.00000 | | | | 2 | | | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0108 | 1.0000 | 0.10000 | 1.1409 | 0.03800 | 0.01930 | 47 | -3.71 | 6% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0885 | 1.0438 | 0.01200 | 1.1409 | 0.03800 | 0.01930 | 47 | -2.55 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2109 | 1.0480 | 0.03800 | 1.1409 | 0.03800 | 0.01930 | 47 | -2.44 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2192 | 1.0500 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | -2.39 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0874 | 1.0509 | 0.04130 | 1.1409 | 0.03800 | 0.01930 | 47 | -2.37 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0622 | 1.0717 | 0.00180 | 1.1409 | 0.03800 | 0.01930 | 47 | -1.82 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0609 | 1.0750 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -1.73 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0590 | 1.0800 | 0.00000 | 1.1409 | 0.03800 | 0.01930 | 47 | -1.60 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0233 | 1.1050 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.94 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0511 | 1.1050 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.94 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0142 | 1.1162 | 0.00280 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.65 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0354 | 1.1300 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.29 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2062 | 1.1326 | 0.01110 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.22 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0878 | 1.1350 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.15 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0884 | 1.1350 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.15 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2188 | 1.1350 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.15 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0897 | 1.1350 | 0.03000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.15 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0563 | 1.1370 | 0.03510 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.10 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0208 | 1.1375 | 0.02100 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.09 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2009 | 1.1395 | 0.00090 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.04 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2126 | 1.1400 | 0.00000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.02 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2190 | 1.1400 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.02 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0016 | 1.1400 | 0.04000 | 1.1409 | 0.03800 | 0.01930 | 47 | -0.02 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0689 | 1.1450 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2196 | 1.1450 | 0.00000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0650 | 1.1500 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.24 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0904 | 1.1500 | 0.00000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.24 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0881 | 1.1520 | 0.00800 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.29 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0638 | 1.1550 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.37 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2181 | 1.1550 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.37 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 031.01 | Phosphorus, Photometric (%) | 2195 | 1.1550 | 0.05000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.37 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0656 | 1.1550 | 0.07000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.37 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2006 | 1.1560 | 0.00600 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.40 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0674 | 1.1600 | 0.00000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.50 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0939 | 1.1600 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.50 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0035 | 1.1650 | 0.05000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.64 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0175 | 1.1650 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.64 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0683 | 1.1650 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.64 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0626 | 1.1655 | 0.01100 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.65 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0722 | 1.1662 | 0.01120 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.67 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0651 | 1.1700 | 0.00600 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.77 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0868 | 1.1750 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 0.90 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0038 | 1.1860 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 1.19 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2022 | 1.2050 | 0.01000 | 1.1409 | 0.03800 | 0.01930 | 47 | 1.69 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0948 | 1.2085 | 0.00100 | 1.1409 | 0.03800 | 0.01930 | 47 | 1.78 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0152 | 1.2150 | 0.05000 | 1.1409 | 0.03800 | 0.01930 | 47 | 1.95 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0687 | 1.2150 | 0.07000 | 1.1409 | 0.03800 | 0.01930 | 47 | 1.95 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0018 | 1.1000 | 0.14000 | 1.1409 | 0.03800 | 0.01930 | 47 | -1.08 | 2% | 1 |
| 031.01 | Phosphorus, Photometric (%) | 2161 | 0.51000 | 0.02000 | 1.1409 | 0.03800 | 0.01930 | 47 | -16.60 | 28% | 2 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (%) | 0505 | 1.1800 | 0.04000 | | | | 3 | | | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (%) | 0043 | 1.1845 | 0.01100 | | | | 3 | | | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (%) | 2053 | 1.1850 | 0.03000 | | | | 3 | | | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0169 | 1.1250 | 0.03000 | 1.1697 | 0.04105 | 0.02075 | 4 | | | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0001 | 1.1475 | 0.01300 | 1.1697 | 0.04105 | 0.02075 | 4 | | | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0504 | 1.1900 | 0.02000 | 1.1697 | 0.04105 | 0.02075 | 4 | | | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0036 | 1.2161 | 0.02000 | 1.1697 | 0.04105 | 0.02075 | 4 | | | 0 |
| 031.06 | Phosphorus, Hach Method (%) | 0536 | 0.87000 | 0.12000 | | | | 2 | | | 0 |
| 031.06 | Phosphorus, Hach Method (%) | 2128 | 1.2540 | 0.00000 | | | | 2 | | | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0848 | 0.96500 | 0.01000 | 1.1484 | 0.06203 | 0.03231 | 26 | -2.96 | 8% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0520 | 0.99000 | 0.14000 | 1.1484 | 0.06203 | 0.03231 | 26 | -2.55 | 7% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0144 | 1.0800 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | -1.10 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0098 | 1.0910 | 0.03800 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.93 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0413 | 1.1000 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.78 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0019 | 1.1100 | 0.06000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.62 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0619 | 1.1150 | 0.01000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.54 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0910 | 1.1150 | 0.01000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.54 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0049 | 1.1300 | 0.06000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.30 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0171 | 1.1300 | 0.00000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.30 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0229 | 1.1355 | 0.01500 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.21 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0123 | 1.1400 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.14 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0298 | 1.1400 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.14 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0148 | 1.1414 | 0.00970 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.11 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 2145 | 1.1450 | 0.01000 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.06 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0653 | 1.1475 | 0.01700 | 1.1484 | 0.06203 | 0.03231 | 26 | -0.01 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0139 | 1.1500 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | 0.03 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0407 | 1.1540 | 0.02740 | 1.1484 | 0.06203 | 0.03231 | 26 | 0.09 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 2012 | 1.1650 | 0.03000 | 1.1484 | 0.06203 | 0.03231 | 26 | 0.27 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0164 | 1.1750 | 0.05000 | 1.1484 | 0.06203 | 0.03231 | 26 | 0.43 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0208 | 1.2105 | 0.10300 | 1.1484 | 0.06203 | 0.03231 | 26 | 1.00 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0685 | 1.2200 | 0.02000 | 1.1484 | 0.06203 | 0.03231 | 26 | 1.15 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0598 | 1.2305 | 0.02500 | 1.1484 | 0.06203 | 0.03231 | 26 | 1.32 | 4% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0074 | 1.2400 | 0.00000 | 1.1484 | 0.06203 | 0.03231 | 26 | 1.48 | 4% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0358 | 1.2650 | 0.03000 | 1.1484 | 0.06203 | 0.03231 | 26 | 1.88 | 5% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0405 | 1.3495 | 0.07500 | 1.1484 | 0.06203 | 0.03231 | 26 | 3.24 | 9% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0226 | 1.2900 | 0.16000 | 1.1484 | 0.06203 | 0.03231 | 26 | 2.28 | 6% | 1 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0003 | 1.9450 | 0.01000 | 1.1484 | 0.06203 | 0.03231 | 26 | 12.84 | 35% | 2 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0278 | 0.97000 | 0.00000 | 1.1270 | 0.07650 | 0.04286 | 19 | -2.05 | 7% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0294 | 1.0150 | 0.01000 | 1.1270 | 0.07650 | 0.04286 | 19 | -1.46 | 5% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0186 | 1.0650 | 0.03000 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.81 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0870 | 1.0740 | 0.04600 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.69 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0560 | 1.0769 | 0.08660 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.65 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0037 | 1.0850 | 0.11000 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.55 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0042 | 1.0900 | 0.02000 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.48 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0504 | 1.0975 | 0.02500 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.39 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0035 | 1.1050 | 0.05000 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.29 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0693 | 1.1095 | 0.07100 | 1.1270 | 0.07650 | 0.04286 | 19 | -0.23 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0187 | 1.1400 | 0.00000 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.17 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0014 | 1.1600 | 0.06000 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.43 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0726 | 1.1675 | 0.00300 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.53 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0045 | 1.1700 | 0.12000 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.56 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0357 | 1.1714 | 0.01110 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.58 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0190 | 1.1900 | 0.04000 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.82 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0263 | 1.2021 | 0.01590 | 1.1270 | 0.07650 | 0.04286 | 19 | 0.98 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0692 | 1.2400 | 0.10000 | 1.1270 | 0.07650 | 0.04286 | 19 | 1.48 | 5% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0096 | 1.2425 | 0.01570 | 1.1270 | 0.07650 | 0.04286 | 19 | 1.51 | 5% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0089 | 0.97000 | 0.00000 | 1.1453 | 0.06341 | 0.03224 | 28 | -2.77 | 8% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0043 | 1.0300 | 0.06000 | 1.1453 | 0.06341 | 0.03224 | 28 | -1.82 | 5% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0918 | 1.0720 | 0.00800 | 1.1453 | 0.06341 | 0.03224 | 28 | -1.16 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0345 | 1.0750 | 0.05000 | 1.1453 | 0.06341 | 0.03224 | 28 | -1.11 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 2089 | 1.0750 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | -1.11 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0035 | 1.0900 | 0.02000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.87 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0010 | 1.0950 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.79 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0610 | 1.0950 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.79 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0510 | 1.1050 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.64 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|-------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0861 | 1.1100 | 0.04000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.56 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0006 | 1.1280 | 0.06000 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.27 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0034 | 1.1330 | 0.06400 | 1.1453 | 0.06341 | 0.03224 | 28 | -0.19 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0968 | 1.1490 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.06 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0027 | 1.1535 | 0.04500 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.13 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0964 | 1.1545 | 0.05580 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.14 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0017 | 1.1580 | 0.00600 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.20 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0098 | 1.1600 | 0.01800 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.23 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0638 | 1.1750 | 0.03000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.47 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0033 | 1.1750 | 0.11000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.47 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0508 | 1.1846 | 0.04330 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.62 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0668 | 1.1900 | 0.00000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.70 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0675 | 1.1900 | 0.02000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.70 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0682 | 1.2000 | 0.00000 | 1.1453 | 0.06341 | 0.03224 | 28 | 0.86 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0036 | 1.2086 | 0.00770 | 1.1453 | 0.06341 | 0.03224 | 28 | 1.00 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0353 | 1.2100 | 0.02000 | 1.1453 | 0.06341 | 0.03224 | 28 | 1.02 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0038 | 1.2175 | 0.10500 | 1.1453 | 0.06341 | 0.03224 | 28 | 1.14 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0083 | 1.2250 | 0.01000 | 1.1453 | 0.06341 | 0.03224 | 28 | 1.26 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0425 | 1.2500 | 0.08000 | 1.1453 | 0.06341 | 0.03224 | 28 | 1.65 | 5% | 0 |
| 031.52 | Phosphorus, ICP-MS, Open vessel (%) | 0047 | 1.0350 | 0.07000 | | | | 3 | | | 0 |
| 031.52 | Phosphorus, ICP-MS, Open vessel (%) | 0186 | 1.0750 | 0.03000 | | | | 3 | | | 0 |
| 031.52 | Phosphorus, ICP-MS, Open vessel (%) | 0154 | 1.1480 | 0.05030 | | | | 3 | | | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0300 | 1.0135 | 0.03300 | 1.1409 | 0.10025 | 0.02875 | 4 | | | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0199 | 1.1150 | 0.01200 | 1.1409 | 0.10025 | 0.02875 | 4 | | | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0553 | 1.1900 | 0.00000 | 1.1409 | 0.10025 | 0.02875 | 4 | | | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0572 | 1.2450 | 0.07000 | 1.1409 | 0.10025 | 0.02875 | 4 | | | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0889 | 0.92790 | 0.02820 | 1.0846 | 0.09421 | 0.01164 | 5 | | | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0676 | 1.0850 | 0.01000 | 1.0846 | 0.09421 | 0.01164 | 5 | | | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0100 | 1.1150 | 0.01000 | 1.0846 | 0.09421 | 0.01164 | 5 | | | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 2193 | 1.1150 | 0.01000 | 1.0846 | 0.09421 | 0.01164 | 5 | | | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0242 | 1.1800 | 0.00000 | 1.0846 | 0.09421 | 0.01164 | 5 | | | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0884 | 0.91500 | 0.07000 | | | | 2 | | | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0504 | 0.92000 | 0.06000 | | | | 2 | | | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0536 | 0.70000 | 0.04000 | 0.90971 | 0.06517 | 0.01569 | 14 | -3.22 | 12% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0638 | 0.82000 | 0.00000 | 0.90971 | 0.06517 | 0.01569 | 14 | -1.38 | 5% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0175 | 0.84500 | 0.01000 | 0.90971 | 0.06517 | 0.01569 | 14 | -0.99 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0939 | 0.89000 | 0.02000 | 0.90971 | 0.06517 | 0.01569 | 14 | -0.30 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0038 | 0.90080 | 0.03100 | 0.90971 | 0.06517 | 0.01569 | 14 | -0.14 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0650 | 0.91000 | 0.02000 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.00 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0868 | 0.91000 | 0.02000 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.00 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0904 | 0.91000 | 0.04000 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.00 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0208 | 0.91850 | 0.00900 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.13 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 032.31 | Potassium, AAS, Dry ash (%) | 0354 | 0.93000 | 0.00000 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.31 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 2053 | 0.93500 | 0.01000 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.39 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0142 | 0.94320 | 0.00460 | 0.90971 | 0.06517 | 0.01569 | 14 | 0.51 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0563 | 1.0040 | 0.01400 | 0.90971 | 0.06517 | 0.01569 | 14 | 1.45 | 5% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0948 | 1.0385 | 0.00100 | 0.90971 | 0.06517 | 0.01569 | 14 | 1.98 | 7% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0874 | 1.0850 | 0.25000 | 0.90971 | 0.06517 | 0.01569 | 14 | 2.69 | 10% | 1 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0609 | 0.93000 | 0.02000 | | | | 3 | | | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0169 | 0.93000 | 0.00000 | | | | 3 | | | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0656 | 1.0250 | 0.01000 | | | | 3 | | | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0003 | 0.79000 | 0.02000 | 0.90226 | 0.02828 | 0.02466 | 25 | -3.97 | 6% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0619 | 0.85350 | 0.02900 | 0.90226 | 0.02828 | 0.02466 | 25 | -1.72 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0229 | 0.86450 | 0.01100 | 0.90226 | 0.02828 | 0.02466 | 25 | -1.34 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0208 | 0.87450 | 0.01900 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.98 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0171 | 0.87500 | 0.01000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.96 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0144 | 0.88000 | 0.04000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.79 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0019 | 0.88500 | 0.01000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.61 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0098 | 0.89000 | 0.08000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.43 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 2012 | 0.89000 | 0.04000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.43 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0413 | 0.89500 | 0.01000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.26 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0405 | 0.89650 | 0.02700 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.20 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0049 | 0.90000 | 0.04000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.08 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0878 | 0.90000 | 0.00000 | 0.90226 | 0.02828 | 0.02466 | 25 | -0.08 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0910 | 0.90500 | 0.05000 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.10 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0358 | 0.91500 | 0.03000 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.45 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0520 | 0.91500 | 0.03000 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.45 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0653 | 0.91800 | 0.01200 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.56 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0148 | 0.91850 | 0.01740 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.57 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0074 | 0.92000 | 0.00000 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.63 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0164 | 0.92100 | 0.00200 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.66 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0407 | 0.92455 | 0.00370 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.79 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0505 | 0.92500 | 0.01000 | 0.90226 | 0.02828 | 0.02466 | 25 | 0.80 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0139 | 0.93500 | 0.01600 | 0.90226 | 0.02828 | 0.02466 | 25 | 1.16 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0598 | 0.97390 | 0.01940 | 0.90226 | 0.02828 | 0.02466 | 25 | 2.53 | 4% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0226 | 1.0750 | 0.09000 | 0.90226 | 0.02828 | 0.02466 | 25 | 6.11 | 10% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0096 | 0.85050 | 0.00100 | 0.92983 | 0.05632 | 0.01156 | 17 | -1.41 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0278 | 0.88000 | 0.02000 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.88 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0294 | 0.88500 | 0.01000 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.80 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0870 | 0.88660 | 0.01740 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.77 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0045 | 0.89300 | 0.01000 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.65 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0035 | 0.89500 | 0.01000 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.62 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0037 | 0.90500 | 0.01000 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.44 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0504 | 0.91050 | 0.02500 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.34 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 032.42 | Potassium, ICP, Open vessel (%) | 0693 | 0.91150 | 0.01500 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.33 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0042 | 0.91250 | 0.02100 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.31 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0187 | 0.94370 | 0.00040 | 0.92983 | 0.05632 | 0.01156 | 17 | 0.25 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0186 | 0.96950 | 0.00700 | 0.92983 | 0.05632 | 0.01156 | 17 | 0.70 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0190 | 0.97500 | 0.01000 | 0.92983 | 0.05632 | 0.01156 | 17 | 0.80 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0726 | 0.97775 | 0.00010 | 0.92983 | 0.05632 | 0.01156 | 17 | 0.85 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0357 | 0.99930 | 0.01900 | 0.92983 | 0.05632 | 0.01156 | 17 | 1.23 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0263 | 1.0023 | 0.00060 | 0.92983 | 0.05632 | 0.01156 | 17 | 1.29 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0692 | 1.0100 | 0.02000 | 0.92983 | 0.05632 | 0.01156 | 17 | 1.42 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0560 | 0.87510 | 0.05780 | 0.92983 | 0.05632 | 0.01156 | 17 | -0.97 | 3% | 1 |
| 032.43 | Potassium, ICP, Microwave (%) | 2089 | 0.87000 | 0.02000 | 0.92123 | 0.03915 | 0.01984 | 24 | -1.31 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0035 | 0.87500 | 0.01000 | 0.92123 | 0.03915 | 0.01984 | 24 | -1.18 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0861 | 0.88550 | 0.03100 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.91 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0918 | 0.88750 | 0.00500 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.86 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0098 | 0.89000 | 0.06000 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.80 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0006 | 0.89200 | 0.02800 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.75 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0353 | 0.89500 | 0.03000 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.67 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0510 | 0.89500 | 0.01000 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.67 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0089 | 0.90000 | 0.00000 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.54 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0043 | 0.90250 | 0.01100 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.48 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0964 | 0.90820 | 0.04160 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.33 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0034 | 0.90960 | 0.03960 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.30 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0682 | 0.92000 | 0.00000 | 0.92123 | 0.03915 | 0.01984 | 24 | -0.03 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0345 | 0.92350 | 0.02300 | 0.92123 | 0.03915 | 0.01984 | 24 | 0.06 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0668 | 0.92400 | 0.00800 | 0.92123 | 0.03915 | 0.01984 | 24 | 0.07 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0675 | 0.92500 | 0.01000 | 0.92123 | 0.03915 | 0.01984 | 24 | 0.10 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0638 | 0.93000 | 0.02000 | 0.92123 | 0.03915 | 0.01984 | 24 | 0.22 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0610 | 0.95500 | 0.01000 | 0.92123 | 0.03915 | 0.01984 | 24 | 0.86 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0038 | 0.96375 | 0.01350 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.09 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0968 | 0.96450 | 0.00500 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.11 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0083 | 0.96500 | 0.01000 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.12 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0508 | 0.97260 | 0.02440 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.31 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0017 | 0.97600 | 0.00600 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.40 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0425 | 0.98000 | 0.06000 | 0.92123 | 0.03915 | 0.01984 | 24 | 1.50 | 3% | 0 |
| 032.52 | Potassium, ICP-MS, Open vessel (%) | 0186 | 0.86950 | 0.00100 | | | | 2 | | | 0 |
| 032.52 | Potassium, ICP-MS, Open vessel (%) | 0154 | 0.98045 | 0.02410 | | | | 2 | | | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0553 | 0.92300 | 0.01600 | | | | 3 | | | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0199 | 1.0000 | 0.00000 | | | | 3 | | | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0572 | 1.0350 | 0.03000 | | | | 3 | | | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 0889 | 0.25620 | 0.00460 | 0.89537 | 0.20742 | 0.01627 | 6 | -3.08 | 36% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 0881 | 0.86150 | 0.01300 | 0.89537 | 0.20742 | 0.01627 | 6 | -0.16 | 2% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 0590 | 0.87000 | 0.06000 | 0.89537 | 0.20742 | 0.01627 | 6 | -0.12 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 032.99 | Potassium, Miscellaneous (%) | 0100 | 0.91000 | 0.02000 | 0.89537 | 0.20742 | 0.01627 | 6 | 0.07 | 1% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 0242 | 0.94000 | 0.00000 | 0.89537 | 0.20742 | 0.01627 | 6 | 0.22 | 2% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 2161 | 1.2900 | 0.00000 | 0.89537 | 0.20742 | 0.01627 | 6 | 1.90 | 22% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0885 | 0.75435 | 0.04370 | 1.9406 | 0.12598 | 0.03321 | 26 | -9.42 | 31% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0183 | 1.4000 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | -4.29 | 14% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0298 | 1.7600 | 0.02000 | 1.9406 | 0.12598 | 0.03321 | 26 | -1.43 | 5% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2076 | 1.8200 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.96 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0881 | 1.8220 | 0.11200 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.94 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0675 | 1.8250 | 0.13000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.92 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0171 | 1.8250 | 0.05000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.92 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0511 | 1.8550 | 0.03000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.68 | 2% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0884 | 1.9000 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.32 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0878 | 1.9100 | 0.02000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.24 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0893 | 1.9100 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | -0.24 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0895 | 1.9550 | 0.01000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.11 | 0% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0309 | 1.9593 | 0.00610 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.15 | 0% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0353 | 1.9650 | 0.07000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.19 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2009 | 1.9753 | 0.01180 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.28 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0045 | 1.9850 | 0.01000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.35 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0897 | 1.9850 | 0.07000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.35 | 1% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0504 | 2.0050 | 0.05000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.51 | 2% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2145 | 2.0150 | 0.03000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.59 | 2% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0693 | 2.0190 | 0.03400 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.62 | 2% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2022 | 2.0400 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.79 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0539 | 2.0600 | 0.08000 | 1.9406 | 0.12598 | 0.03321 | 26 | 0.95 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2062 | 2.0662 | 0.01590 | 1.9406 | 0.12598 | 0.03321 | 26 | 1.00 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0169 | 2.0700 | 0.02000 | 1.9406 | 0.12598 | 0.03321 | 26 | 1.03 | 3% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 2190 | 2.0950 | 0.05000 | 1.9406 | 0.12598 | 0.03321 | 26 | 1.23 | 4% | 0 |
| 033.00 | Salt as chloride, Sol Cl (%) | 0921 | 2.1800 | 0.00000 | 1.9406 | 0.12598 | 0.03321 | 26 | 1.90 | 6% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0596 | 1.8200 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | -4.22 | 5% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0619 | 1.8450 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | -3.73 | 5% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0425 | 1.8950 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | -2.75 | 3% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0229 | 1.9095 | 0.00300 | 2.0350 | 0.05098 | 0.01586 | 30 | -2.46 | 3% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0004 | 1.9850 | 0.03000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.98 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 2109 | 1.9850 | 0.01200 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.98 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0590 | 1.9950 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.78 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0003 | 2.0000 | 0.00000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.69 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0650 | 2.0050 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.59 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0242 | 2.0300 | 0.00000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.10 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0861 | 2.0300 | 0.00000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.10 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0083 | 2.0300 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.10 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0199 | 2.0300 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | -0.10 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 033.01 | Salt as chloride, Poten Cl (%) | 0413 | 2.0400 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.10 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0226 | 2.0450 | 0.03000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.20 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0354 | 2.0450 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.20 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0098 | 2.0500 | 0.04000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.29 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0164 | 2.0500 | 0.04000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.29 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0939 | 2.0500 | 0.04000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.29 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0948 | 2.0505 | 0.00100 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.30 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0148 | 2.0525 | 0.00100 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.34 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0001 | 2.0550 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.39 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0683 | 2.0550 | 0.01000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.39 | 0% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0510 | 2.0600 | 0.04000 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.49 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0407 | 2.0640 | 0.00200 | 2.0350 | 0.05098 | 0.01586 | 30 | 0.57 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0175 | 2.0900 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | 1.08 | 1% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0644 | 2.0962 | 0.00690 | 2.0350 | 0.05098 | 0.01586 | 30 | 1.20 | 2% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0874 | 2.1000 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | 1.27 | 2% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0019 | 2.1200 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | 1.67 | 2% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0278 | 2.1300 | 0.02000 | 2.0350 | 0.05098 | 0.01586 | 30 | 1.86 | 2% | 0 |
| 033.01 | Salt as chloride, Poten Cl (%) | 0100 | 1.9550 | 0.09000 | 2.0350 | 0.05098 | 0.01586 | 30 | -1.57 | 2% | 1 |
| 033.03 | Salt as chloride, Quantab (%) | 0656 | 1.7000 | 0.20000 | 1.9000 | 0.24823 | 0.19000 | 4 | | | 0 |
| 033.03 | Salt as chloride, Quantab (%) | 0190 | 1.7400 | 0.24000 | 1.9000 | 0.24823 | 0.19000 | 4 | | | 0 |
| 033.03 | Salt as chloride, Quantab (%) | 0726 | 1.9150 | 0.05000 | 1.9000 | 0.24823 | 0.19000 | 4 | | | 0 |
| 033.03 | Salt as chloride, Quantab (%) | 0144 | 2.2450 | 0.27000 | 1.9000 | 0.24823 | 0.19000 | 4 | | | 0 |
| 033.05 | Salt as chloride, Ion Sel Electrode (%) | 2161 | 1.1750 | 0.01000 | 1.9500 | 0.61953 | 0.01500 | 4 | | | 0 |
| 033.05 | Salt as chloride, Ion Sel Electrode (%) | 0868 | 1.9000 | 0.02000 | 1.9500 | 0.61953 | 0.01500 | 4 | | | 0 |
| 033.05 | Salt as chloride, Ion Sel Electrode (%) | 0689 | 2.0400 | 0.02000 | 1.9500 | 0.61953 | 0.01500 | 4 | | | 0 |
| 033.05 | Salt as chloride, Ion Sel Electrode (%) | 2043 | 2.6850 | 0.01000 | 1.9500 | 0.61953 | 0.01500 | 4 | | | 0 |
| 033.05 | Salt as chloride, Ion Sel Electrode (%) | 2129 | 1.9750 | 0.15000 | 1.9500 | 0.61953 | 0.01500 | 4 | | | 1 |
| 033.99 | Salt, Miscellaneous (%) | 0536 | 1.3400 | 0.02000 | 1.9438 | 0.12836 | 0.06367 | 9 | -4.70 | 16% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0358 | 1.8350 | 0.15000 | 1.9438 | 0.12836 | 0.06367 | 9 | -0.85 | 3% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0910 | 1.8550 | 0.17000 | 1.9438 | 0.12836 | 0.06367 | 9 | -0.69 | 2% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 2181 | 1.9650 | 0.03000 | 1.9438 | 0.12836 | 0.06367 | 9 | 0.17 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0017 | 1.9655 | 0.06500 | 1.9438 | 0.12836 | 0.06367 | 9 | 0.17 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0208 | 1.9850 | 0.03000 | 1.9438 | 0.12836 | 0.06367 | 9 | 0.32 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0027 | 1.9860 | 0.01800 | 1.9438 | 0.12836 | 0.06367 | 9 | 0.33 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 2073 | 2.0150 | 0.09000 | 1.9438 | 0.12836 | 0.06367 | 9 | 0.55 | 2% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0682 | 2.2900 | 0.00000 | 1.9438 | 0.12836 | 0.06367 | 9 | 2.70 | 9% | 0 |
| 034.01 | Selenium, Fluor (mg / kg (ppm)) | 0038 | 2.4750 | 0.61000 | | | | 1 | | | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0045 | 0.93750 | 0.02500 | 1.8935 | 0.28258 | 0.11943 | 7 | -3.38 | 25% | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0164 | 1.6450 | 0.31000 | 1.8935 | 0.28258 | 0.11943 | 7 | -0.88 | 7% | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0939 | 1.8950 | 0.05000 | 1.8935 | 0.28258 | 0.11943 | 7 | 0.01 | 0% | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0563 | 1.9898 | 0.34100 | 1.8935 | 0.28258 | 0.11943 | 7 | 0.34 | 3% | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0610 | 2.0000 | 0.00000 | 1.8935 | 0.28258 | 0.11943 | 7 | 0.38 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 0169 | 2.1050 | 0.01000 | 1.8935 | 0.28258 | 0.11943 | 7 | 0.75 | 6% | 0 |
| 034.04 | Selenium, AA, Hydride (mg / kg (ppm)) | 2053 | 2.1500 | 0.10000 | 1.8935 | 0.28258 | 0.11943 | 7 | 0.91 | 7% | 0 |
| 034.41 | Selenium, ICP, Dry ash (mg / kg (ppm)) | 0148 | 1.9700 | 0.00000 | | | | 2 | | | 0 |
| 034.41 | Selenium, ICP, Dry ash (mg / kg (ppm)) | 0619 | 2.3600 | 0.02000 | | | | 2 | | | 0 |
| 034.42 | Selenium, ICP, Open vessel (mg / kg (ppm)) | 0692 | 2.8000 | 0.60000 | | | | 1 | | | 0 |
| 034.43 | Selenium, ICP, Microwave (mg / kg (ppm)) | 0964 | 1.7244 | 0.02040 | | | | 3 | | | 0 |
| 034.43 | Selenium, ICP, Microwave (mg / kg (ppm)) | 0955 | 1.7450 | 0.11000 | | | | 3 | | | 0 |
| 034.43 | Selenium, ICP, Microwave (mg / kg (ppm)) | 0036 | 2.6500 | 0.10000 | | | | 3 | | | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0047 | 1.3450 | 0.07000 | 2.2229 | 0.65245 | 0.14288 | 6 | -1.35 | 20% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 1.9750 | 0.07000 | 2.2229 | 0.65245 | 0.14288 | 6 | -0.38 | 6% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 2.1875 | 0.07730 | 2.2229 | 0.65245 | 0.14288 | 6 | -0.05 | 1% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0208 | 2.2000 | 0.18000 | 2.2229 | 0.65245 | 0.14288 | 6 | -0.04 | 1% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 2.5700 | 0.34000 | 2.2229 | 0.65245 | 0.14288 | 6 | 0.53 | 8% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (mg / kg (ppm)) | 0016 | 3.0600 | 0.12000 | 2.2229 | 0.65245 | 0.14288 | 6 | 1.28 | 19% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 1.3120 | 0.09800 | 2.2377 | 0.27884 | 0.12186 | 7 | -3.32 | 21% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 2.0900 | 0.06000 | 2.2377 | 0.27884 | 0.12186 | 7 | -0.53 | 3% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 2.2214 | 0.02900 | 2.2377 | 0.27884 | 0.12186 | 7 | -0.06 | 0% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0013 | 2.2400 | 0.14000 | 2.2377 | 0.27884 | 0.12186 | 7 | 0.01 | 0% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0560 | 2.3310 | 0.26000 | 2.2377 | 0.27884 | 0.12186 | 7 | 0.33 | 2% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 2.3420 | 0.26600 | 2.2377 | 0.27884 | 0.12186 | 7 | 0.37 | 2% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (mg / kg (ppm)) | 2012 | 2.6200 | 0.00000 | 2.2377 | 0.27884 | 0.12186 | 7 | 1.37 | 9% | 0 |
| 034.99 | Selenium, Miscellaneous (mg / kg (ppm)) | 0190 | 2.3000 | 0.02000 | | | | 1 | | | 0 |
| 035.01 | Sodium, Ion-selective electrode (%) | 0868 | 0.68500 | 0.00600 | | | | 2 | | | 0 |
| 035.01 | Sodium, Ion-selective electrode (%) | 2006 | 0.69500 | 0.02400 | | | | 2 | | | 0 |
| 035.02 | Sodium, Em Spect (%) | 0884 | 0.72500 | 0.09000 | | | | 1 | | | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0108 | 0.75000 | 0.02000 | 0.77900 | 0.02107 | 0.01500 | 4 | | | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0504 | 0.78000 | 0.02000 | 0.77900 | 0.02107 | 0.01500 | 4 | | | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0037 | 0.78600 | 0.02000 | 0.77900 | 0.02107 | 0.01500 | 4 | | | 0 |
| 035.05 | Sodium, Flame Emission (%) | 2126 | 0.80000 | 0.00000 | 0.77900 | 0.02107 | 0.01500 | 4 | | | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0175 | 0.59500 | 0.03000 | 0.71956 | 0.04990 | 0.01783 | 18 | -2.50 | 9% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0689 | 0.63000 | 0.00000 | 0.71956 | 0.04990 | 0.01783 | 18 | -1.79 | 6% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0638 | 0.65500 | 0.01000 | 0.71956 | 0.04990 | 0.01783 | 18 | -1.29 | 4% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0650 | 0.66000 | 0.04000 | 0.71956 | 0.04990 | 0.01783 | 18 | -1.19 | 4% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0536 | 0.69000 | 0.06000 | 0.71956 | 0.04990 | 0.01783 | 18 | -0.59 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0142 | 0.69645 | 0.00030 | 0.71956 | 0.04990 | 0.01783 | 18 | -0.46 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0939 | 0.71500 | 0.01000 | 0.71956 | 0.04990 | 0.01783 | 18 | -0.09 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 2196 | 0.72000 | 0.00000 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.01 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0354 | 0.73500 | 0.01000 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.31 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 2188 | 0.74040 | 0.02460 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.42 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0038 | 0.74285 | 0.04610 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.47 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0904 | 0.74500 | 0.03000 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.51 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0874 | 0.74600 | 0.00400 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.53 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 035.31 | Sodium, AAS, Dry ash (%) | 0208 | 0.75400 | 0.00600 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.69 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0233 | 0.75500 | 0.03000 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.71 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0868 | 0.76000 | 0.00000 | 0.71956 | 0.04990 | 0.01783 | 18 | 0.81 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0948 | 0.77350 | 0.00100 | 0.71956 | 0.04990 | 0.01783 | 18 | 1.08 | 4% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0563 | 0.77450 | 0.01900 | 0.71956 | 0.04990 | 0.01783 | 18 | 1.10 | 4% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 2195 | 7,117.5 | 191.00 | 0.71956 | 0.04990 | 0.01783 | 18 | 142627.82 | 494521% | 2 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0609 | 0.54500 | 0.01000 | | | | 3 | | | 0 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0169 | 0.75000 | 0.00000 | | | | 3 | | | 0 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0656 | 0.76000 | 0.00000 | | | | 3 | | | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0171 | 0.66500 | 0.01000 | 0.72142 | 0.02811 | 0.02161 | 25 | -2.01 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0098 | 0.67000 | 0.04000 | 0.72142 | 0.02811 | 0.02161 | 25 | -1.83 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0144 | 0.69500 | 0.01000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.94 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0413 | 0.69500 | 0.01000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.94 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0148 | 0.69710 | 0.00300 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.87 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0298 | 0.70000 | 0.02000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.76 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0619 | 0.70050 | 0.01700 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.74 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0598 | 0.70130 | 0.02080 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.72 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 2012 | 0.71000 | 0.02000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.41 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0229 | 0.71300 | 0.01600 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.30 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0019 | 0.72000 | 0.06000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.05 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0358 | 0.72000 | 0.06000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.05 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0910 | 0.72000 | 0.02000 | 0.72142 | 0.02811 | 0.02161 | 25 | -0.05 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0049 | 0.72500 | 0.03000 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.13 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0123 | 0.72500 | 0.03000 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.13 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0653 | 0.72900 | 0.01400 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.27 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0164 | 0.72950 | 0.00700 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.29 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0878 | 0.73000 | 0.02000 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.31 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0407 | 0.73050 | 0.00820 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.32 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0520 | 0.74900 | 0.00920 | 0.72142 | 0.02811 | 0.02161 | 25 | 0.98 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0208 | 0.75000 | 0.02200 | 0.72142 | 0.02811 | 0.02161 | 25 | 1.02 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0139 | 0.75500 | 0.01600 | 0.72142 | 0.02811 | 0.02161 | 25 | 1.19 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0505 | 0.75500 | 0.01000 | 0.72142 | 0.02811 | 0.02161 | 25 | 1.19 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0226 | 0.78050 | 0.04300 | 0.72142 | 0.02811 | 0.02161 | 25 | 2.10 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0405 | 0.78800 | 0.02400 | 0.72142 | 0.02811 | 0.02161 | 25 | 2.37 | 5% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0045 | 0.66400 | 0.07200 | 0.73060 | 0.05293 | 0.03319 | 17 | -1.26 | 5% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0294 | 0.66500 | 0.09000 | 0.73060 | 0.05293 | 0.03319 | 17 | -1.24 | 4% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0096 | 0.67390 | 0.02660 | 0.73060 | 0.05293 | 0.03319 | 17 | -1.07 | 4% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0560 | 0.69625 | 0.07530 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.65 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0042 | 0.70250 | 0.08900 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.53 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0035 | 0.70500 | 0.01000 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.48 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0278 | 0.71000 | 0.02000 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.39 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0870 | 0.71405 | 0.00730 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.31 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 035.42 | Sodium, ICP, Open vessel (%) | 0504 | 0.72850 | 0.01700 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.04 | 0% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0693 | 0.72900 | 0.03600 | 0.73060 | 0.05293 | 0.03319 | 17 | -0.03 | 0% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0692 | 0.73500 | 0.05000 | 0.73060 | 0.05293 | 0.03319 | 17 | 0.08 | 0% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0186 | 0.75050 | 0.02300 | 0.73060 | 0.05293 | 0.03319 | 17 | 0.38 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0187 | 0.75850 | 0.00240 | 0.73060 | 0.05293 | 0.03319 | 17 | 0.53 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0263 | 0.77800 | 0.00300 | 0.73060 | 0.05293 | 0.03319 | 17 | 0.90 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0190 | 0.79000 | 0.02000 | 0.73060 | 0.05293 | 0.03319 | 17 | 1.12 | 4% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0726 | 0.81145 | 0.00270 | 0.73060 | 0.05293 | 0.03319 | 17 | 1.53 | 6% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 2053 | 0.88000 | 0.02000 | 0.73060 | 0.05293 | 0.03319 | 17 | 2.82 | 10% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 2192 | 0.65500 | 0.05000 | 0.72870 | 0.04799 | 0.02057 | 23 | -1.54 | 5% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0345 | 0.66600 | 0.00600 | 0.72870 | 0.04799 | 0.02057 | 23 | -1.31 | 4% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0098 | 0.67000 | 0.02000 | 0.72870 | 0.04799 | 0.02057 | 23 | -1.22 | 4% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0043 | 0.67150 | 0.00900 | 0.72870 | 0.04799 | 0.02057 | 23 | -1.19 | 4% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 2089 | 0.68000 | 0.02000 | 0.72870 | 0.04799 | 0.02057 | 23 | -1.01 | 3% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0353 | 0.69500 | 0.01000 | 0.72870 | 0.04799 | 0.02057 | 23 | -0.70 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0638 | 0.69500 | 0.01000 | 0.72870 | 0.04799 | 0.02057 | 23 | -0.70 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0861 | 0.70400 | 0.00200 | 0.72870 | 0.04799 | 0.02057 | 23 | -0.51 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0035 | 0.71000 | 0.02000 | 0.72870 | 0.04799 | 0.02057 | 23 | -0.39 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0510 | 0.71700 | 0.00600 | 0.72870 | 0.04799 | 0.02057 | 23 | -0.24 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0006 | 0.73400 | 0.00800 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.11 | 0% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0668 | 0.74250 | 0.01500 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.29 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0918 | 0.74450 | 0.00300 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.33 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0675 | 0.74500 | 0.01000 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.34 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0089 | 0.75000 | 0.00000 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.44 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0682 | 0.75000 | 0.00000 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.44 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0038 | 0.75700 | 0.01000 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.59 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0964 | 0.76790 | 0.04580 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.82 | 3% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0017 | 0.77350 | 0.02500 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.93 | 3% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0508 | 0.77540 | 0.07320 | 0.72870 | 0.04799 | 0.02057 | 23 | 0.97 | 3% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0083 | 0.78000 | 0.02000 | 0.72870 | 0.04799 | 0.02057 | 23 | 1.07 | 4% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0425 | 0.78000 | 0.06000 | 0.72870 | 0.04799 | 0.02057 | 23 | 1.07 | 4% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0610 | 0.79500 | 0.05000 | 0.72870 | 0.04799 | 0.02057 | 23 | 1.38 | 5% | 0 |
| 035.52 | Sodium, ICP-MS, Open vessel (%) | 0154 | 0.72705 | 0.03210 | | | | 3 | | | 0 |
| 035.52 | Sodium, ICP-MS, Open vessel (%) | 0186 | 0.76400 | 0.02600 | | | | 3 | | | 0 |
| 035.52 | Sodium, ICP-MS, Open vessel (%) | 0096 | 0.79250 | 0.01140 | | | | 3 | | | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0300 | 0.70000 | 0.04000 | | | | 3 | | | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0572 | 0.76500 | 0.02000 | | | | 3 | | | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0553 | 0.79300 | 0.02400 | | | | 3 | | | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0199 | 0.83850 | 0.18700 | | | | 3 | | | 1 |
| 035.99 | Sodium, Miscellaneous (%) | 0242 | 0.74500 | 0.01000 | 0.76255 | 0.02057 | 0.01017 | 6 | -0.85 | 1% | 0 |
| 035.99 | Sodium, Miscellaneous (%) | 0881 | 0.75150 | 0.01100 | 0.76255 | 0.02057 | 0.01017 | 6 | -0.54 | 1% | 0 |
| 035.99 | Sodium, Miscellaneous (%) | 0590 | 0.75500 | 0.01000 | 0.76255 | 0.02057 | 0.01017 | 6 | -0.37 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 035.99 | Sodium, Miscellaneous (%) | 0889 | 0.75540 | 0.00000 | 0.76255 | 0.02057 | 0.01017 | 6 | -0.35 | 0% | 0 |
| 035.99 | Sodium, Miscellaneous (%) | 0100 | 0.77500 | 0.01000 | 0.76255 | 0.02057 | 0.01017 | 6 | 0.61 | 1% | 0 |
| 035.99 | Sodium, Miscellaneous (%) | 2161 | 0.83000 | 0.02000 | 0.76255 | 0.02057 | 0.01017 | 6 | 3.28 | 4% | 0 |
| 036.04 | Sulfur, LECO (%) | 0610 | 0.29500 | 0.01000 | | | | 3 | | | 0 |
| 036.04 | Sulfur, LECO (%) | 0226 | 0.29500 | 0.03000 | | | | 3 | | | 0 |
| 036.04 | Sulfur, LECO (%) | 0229 | 0.30050 | 0.00900 | | | | 3 | | | 0 |
| 036.04 | Sulfur, LECO (%) | 2053 | 0.23500 | 0.01000 | | | | 3 | | | 2 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0870 | 0.25165 | 0.00690 | 0.29626 | 0.03059 | 0.00649 | 18 | -1.46 | 8% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0096 | 0.26120 | 0.00960 | 0.29626 | 0.03059 | 0.00649 | 18 | -1.15 | 6% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0171 | 0.26800 | 0.00400 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.92 | 5% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0035 | 0.27500 | 0.01000 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.70 | 4% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0045 | 0.27650 | 0.00700 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.65 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0693 | 0.28400 | 0.01200 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.40 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0708 | 0.28550 | 0.00100 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.35 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0407 | 0.28610 | 0.00020 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.33 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0560 | 0.28935 | 0.02150 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.23 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0357 | 0.29105 | 0.00030 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.17 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0187 | 0.29670 | 0.00220 | 0.29626 | 0.03059 | 0.00649 | 18 | 0.01 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0726 | 0.30340 | 0.00020 | 0.29626 | 0.03059 | 0.00649 | 18 | 0.23 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0692 | 0.31000 | 0.00000 | 0.29626 | 0.03059 | 0.00649 | 18 | 0.45 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0186 | 0.31500 | 0.00200 | 0.29626 | 0.03059 | 0.00649 | 18 | 0.61 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0190 | 0.31500 | 0.01000 | 0.29626 | 0.03059 | 0.00649 | 18 | 0.61 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0278 | 0.34000 | 0.00000 | 0.29626 | 0.03059 | 0.00649 | 18 | 1.43 | 7% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0294 | 0.35000 | 0.02000 | 0.29626 | 0.03059 | 0.00649 | 18 | 1.76 | 9% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0037 | 0.38500 | 0.01000 | 0.29626 | 0.03059 | 0.00649 | 18 | 2.90 | 15% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0910 | 0.27155 | 0.03570 | 0.29626 | 0.03059 | 0.00649 | 18 | -0.81 | 4% | 1 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0035 | 0.24500 | 0.01000 | 0.29649 | 0.03194 | 0.00994 | 13 | -1.61 | 9% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 2089 | 0.25500 | 0.01000 | 0.29649 | 0.03194 | 0.00994 | 13 | -1.30 | 7% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0345 | 0.26550 | 0.00300 | 0.29649 | 0.03194 | 0.00994 | 13 | -0.97 | 5% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0353 | 0.27500 | 0.03000 | 0.29649 | 0.03194 | 0.00994 | 13 | -0.67 | 4% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0668 | 0.29250 | 0.00100 | 0.29649 | 0.03194 | 0.00994 | 13 | -0.12 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0033 | 0.29500 | 0.01000 | 0.29649 | 0.03194 | 0.00994 | 13 | -0.05 | 0% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0918 | 0.30350 | 0.00300 | 0.29649 | 0.03194 | 0.00994 | 13 | 0.22 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0098 | 0.30515 | 0.00390 | 0.29649 | 0.03194 | 0.00994 | 13 | 0.27 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0169 | 0.31000 | 0.00000 | 0.29649 | 0.03194 | 0.00994 | 13 | 0.42 | 2% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0508 | 0.31640 | 0.01840 | 0.29649 | 0.03194 | 0.00994 | 13 | 0.62 | 3% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0510 | 0.32000 | 0.00000 | 0.29649 | 0.03194 | 0.00994 | 13 | 0.74 | 4% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0038 | 0.33150 | 0.01700 | 0.29649 | 0.03194 | 0.00994 | 13 | 1.10 | 6% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0964 | 0.33625 | 0.02290 | 0.29649 | 0.03194 | 0.00994 | 13 | 1.24 | 7% | 0 |
| 036.52 | Sulfur, ICP-MS, Open vessel (%) | 0186 | 0.30300 | 0.01200 | | | | 1 | | | 0 |
| 036.99 | Sulfur, Miscellaneous (%) | 0889 | 0.27945 | 0.00550 | | | | 2 | | | 0 |
| 036.99 | Sulfur, Miscellaneous (%) | 0242 | 0.31000 | 0.00000 | | | | 2 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0884 | 360.90 | 12.000 | 640.31 | 51.927 | 21.487 | 18 | -5.38 | 22% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0536 | 576.25 | 78.000 | 640.31 | 51.927 | 21.487 | 18 | -1.23 | 5% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 2022 | 592.48 | 0.96300 | 640.31 | 51.927 | 21.487 | 18 | -0.92 | 4% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 2188 | 598.00 | 16.000 | 640.31 | 51.927 | 21.487 | 18 | -0.81 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 2062 | 607.20 | 21.800 | 640.31 | 51.927 | 21.487 | 18 | -0.64 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 2195 | 614.25 | 14.950 | 640.31 | 51.927 | 21.487 | 18 | -0.50 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0638 | 616.00 | 4.0000 | 640.31 | 51.927 | 21.487 | 18 | -0.47 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0939 | 627.75 | 9.1300 | 640.31 | 51.927 | 21.487 | 18 | -0.24 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 2196 | 631.00 | 0.00000 | 640.31 | 51.927 | 21.487 | 18 | -0.18 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0868 | 632.85 | 2.5000 | 640.31 | 51.927 | 21.487 | 18 | -0.14 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0354 | 642.76 | 0.60000 | 640.31 | 51.927 | 21.487 | 18 | 0.05 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0208 | 663.00 | 50.000 | 640.31 | 51.927 | 21.487 | 18 | 0.44 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0001 | 675.50 | 9.8000 | 640.31 | 51.927 | 21.487 | 18 | 0.68 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0904 | 683.33 | 45.630 | 640.31 | 51.927 | 21.487 | 18 | 0.83 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0563 | 689.59 | 67.600 | 640.31 | 51.927 | 21.487 | 18 | 0.95 | 4% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0874 | 691.00 | 28.000 | 640.31 | 51.927 | 21.487 | 18 | 0.98 | 4% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0175 | 704.00 | 12.000 | 640.31 | 51.927 | 21.487 | 18 | 1.23 | 5% | 0 |
| 037.31 | Zinc, AAS, Dry ash (mg / kg (ppm)) | 0689 | 735.20 | 13.800 | 640.31 | 51.927 | 21.487 | 18 | 1.83 | 7% | 0 |
| 037.32 | Zinc, AAS, Open vessel (mg / kg (ppm)) | 0038 | 572.65 | 9.5000 | 648.29 | 55.285 | 73.706 | 4 | | | 0 |
| 037.32 | Zinc, AAS, Open vessel (mg / kg (ppm)) | 0609 | 655.00 | 10.000 | 648.29 | 55.285 | 73.706 | 4 | | | 0 |
| 037.32 | Zinc, AAS, Open vessel (mg / kg (ppm)) | 2128 | 660.10 | 145.01 | 648.29 | 55.285 | 73.706 | 4 | | | 0 |
| 037.32 | Zinc, AAS, Open vessel (mg / kg (ppm)) | 0656 | 705.42 | 130.31 | 648.29 | 55.285 | 73.706 | 4 | | | 0 |
| 037.33 | Zinc, AAS, Microwave (mg / kg (ppm)) | 2178 | 626.00 | 44.000 | | | | 3 | | | 0 |
| 037.33 | Zinc, AAS, Microwave (mg / kg (ppm)) | 0010 | 635.00 | 10.000 | | | | 3 | | | 0 |
| 037.33 | Zinc, AAS, Microwave (mg / kg (ppm)) | 0948 | 659.15 | 2.7860 | | | | 3 | | | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0619 | 538.50 | 7.0000 | 622.14 | 45.683 | 20.400 | 22 | -1.83 | 7% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0049 | 560.39 | 11.030 | 622.14 | 45.683 | 20.400 | 22 | -1.35 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 2012 | 561.80 | 25.700 | 622.14 | 45.683 | 20.400 | 22 | -1.32 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0878 | 587.50 | 19.000 | 622.14 | 45.683 | 20.400 | 22 | -0.76 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0511 | 591.00 | 58.000 | 622.14 | 45.683 | 20.400 | 22 | -0.68 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0171 | 592.65 | 6.3000 | 622.14 | 45.683 | 20.400 | 22 | -0.65 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0098 | 597.40 | 12.600 | 622.14 | 45.683 | 20.400 | 22 | -0.54 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0148 | 600.25 | 30.700 | 622.14 | 45.683 | 20.400 | 22 | -0.48 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0164 | 603.00 | 56.000 | 622.14 | 45.683 | 20.400 | 22 | -0.42 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0598 | 607.90 | 17.400 | 622.14 | 45.683 | 20.400 | 22 | -0.31 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0520 | 620.00 | 34.000 | 622.14 | 45.683 | 20.400 | 22 | -0.05 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0405 | 627.13 | 6.0500 | 622.14 | 45.683 | 20.400 | 22 | 0.11 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0910 | 630.50 | 43.000 | 622.14 | 45.683 | 20.400 | 22 | 0.18 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0074 | 635.50 | 15.000 | 622.14 | 45.683 | 20.400 | 22 | 0.29 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0358 | 639.90 | 5.7900 | 622.14 | 45.683 | 20.400 | 22 | 0.39 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0229 | 645.48 | 3.6400 | 622.14 | 45.683 | 20.400 | 22 | 0.51 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0019 | 654.25 | 0.50000 | 622.14 | 45.683 | 20.400 | 22 | 0.70 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0505 | 661.25 | 0.10000 | 622.14 | 45.683 | 20.400 | 22 | 0.86 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0226 | 667.05 | 11.310 | 622.14 | 45.683 | 20.400 | 22 | 0.98 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0003 | 671.50 | 29.000 | 622.14 | 45.683 | 20.400 | 22 | 1.08 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0208 | 688.35 | 52.300 | 622.14 | 45.683 | 20.400 | 22 | 1.45 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 0407 | 711.28 | 4.3802 | 622.14 | 45.683 | 20.400 | 22 | 1.95 | 7% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0870 | 493.00 | 6.0000 | 624.89 | 56.309 | 31.123 | 17 | -2.34 | 11% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0294 | 546.82 | 9.0400 | 624.89 | 56.309 | 31.123 | 17 | -1.39 | 6% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0186 | 555.00 | 16.000 | 624.89 | 56.309 | 31.123 | 17 | -1.24 | 6% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0263 | 591.74 | 6.0100 | 624.89 | 56.309 | 31.123 | 17 | -0.59 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0037 | 595.50 | 125.00 | 624.89 | 56.309 | 31.123 | 17 | -0.52 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0693 | 602.81 | 15.378 | 624.89 | 56.309 | 31.123 | 17 | -0.39 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0278 | 605.15 | 6.3000 | 624.89 | 56.309 | 31.123 | 17 | -0.35 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0560 | 620.10 | 123.60 | 624.89 | 56.309 | 31.123 | 17 | -0.09 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0187 | 624.01 | 1.7800 | 624.89 | 56.309 | 31.123 | 17 | -0.02 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0357 | 637.94 | 0.51000 | 624.89 | 56.309 | 31.123 | 17 | 0.23 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0692 | 644.00 | 88.000 | 624.89 | 56.309 | 31.123 | 17 | 0.34 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0413 | 657.00 | 30.000 | 624.89 | 56.309 | 31.123 | 17 | 0.57 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0042 | 658.50 | 39.000 | 624.89 | 56.309 | 31.123 | 17 | 0.60 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0190 | 670.94 | 10.380 | 624.89 | 56.309 | 31.123 | 17 | 0.82 | 4% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0096 | 679.38 | 37.101 | 624.89 | 56.309 | 31.123 | 17 | 0.97 | 4% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0726 | 684.50 | 1.0000 | 624.89 | 56.309 | 31.123 | 17 | 1.06 | 5% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 2053 | 724.00 | 14.000 | 624.89 | 56.309 | 31.123 | 17 | 1.76 | 8% | 0 |
| 037.42 | Zinc, ICP, Open vessel (mg / kg (ppm)) | 0045 | 726.00 | 308.00 | 624.89 | 56.309 | 31.123 | 17 | 1.80 | 8% | 1 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0353 | 553.50 | 5.0000 | 625.03 | 47.230 | 17.579 | 23 | -1.51 | 6% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0610 | 567.00 | 15.000 | 625.03 | 47.230 | 17.579 | 23 | -1.23 | 5% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0668 | 574.00 | 10.000 | 625.03 | 47.230 | 17.579 | 23 | -1.08 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0033 | 575.50 | 9.0000 | 625.03 | 47.230 | 17.579 | 23 | -1.05 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0345 | 575.50 | 3.0000 | 625.03 | 47.230 | 17.579 | 23 | -1.05 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0918 | 593.28 | 9.8900 | 625.03 | 47.230 | 17.579 | 23 | -0.67 | 3% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0043 | 607.00 | 0.00000 | 625.03 | 47.230 | 17.579 | 23 | -0.38 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0017 | 607.67 | 15.399 | 625.03 | 47.230 | 17.579 | 23 | -0.37 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 2192 | 612.50 | 9.0000 | 625.03 | 47.230 | 17.579 | 23 | -0.27 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 2089 | 614.85 | 27.120 | 625.03 | 47.230 | 17.579 | 23 | -0.22 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0034 | 615.30 | 16.800 | 625.03 | 47.230 | 17.579 | 23 | -0.21 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0510 | 615.50 | 15.000 | 625.03 | 47.230 | 17.579 | 23 | -0.20 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0013 | 622.00 | 58.000 | 625.03 | 47.230 | 17.579 | 23 | -0.06 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0083 | 637.50 | 5.0000 | 625.03 | 47.230 | 17.579 | 23 | 0.26 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0098 | 641.50 | 18.400 | 625.03 | 47.230 | 17.579 | 23 | 0.35 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0968 | 643.00 | 4.0000 | 625.03 | 47.230 | 17.579 | 23 | 0.38 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0964 | 645.57 | 42.585 | 625.03 | 47.230 | 17.579 | 23 | 0.43 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0508 | 654.24 | 53.620 | 625.03 | 47.230 | 17.579 | 23 | 0.62 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0861 | 663.00 | 14.000 | 625.03 | 47.230 | 17.579 | 23 | 0.80 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0682 | 675.72 | 0.00000 | 625.03 | 47.230 | 17.579 | 23 | 1.07 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0027 | 689.07 | 39.944 | 625.03 | 47.230 | 17.579 | 23 | 1.36 | 5% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0675 | 732.27 | 2.5500 | 625.03 | 47.230 | 17.579 | 23 | 2.27 | 9% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0169 | 842.50 | 31.000 | 625.03 | 47.230 | 17.579 | 23 | 4.60 | 17% | 0 |
| 037.43 | Zinc, ICP, Microwave (mg / kg (ppm)) | 0425 | 602.30 | 123.80 | 625.03 | 47.230 | 17.579 | 23 | -0.48 | 2% | 1 |
| 037.44 | Zinc, ICP, Dry ash (mg / kg (ppm)) | 2145 | 694.65 | 19.500 | | | | 1 | | | 0 |
| 037.52 | Zinc, ICP-MS, Open vessel (mg / kg (ppm)) | 0047 | 337.00 | 20.000 | | | | 3 | | | 0 |
| 037.52 | Zinc, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 574.53 | 23.772 | | | | 3 | | | 0 |
| 037.52 | Zinc, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 628.00 | 16.000 | | | | 3 | | | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 564.89 | 4.4100 | 631.22 | 49.166 | 13.103 | 4 | | | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (mg / kg (ppm)) | 0638 | 623.00 | 20.000 | 631.22 | 49.166 | 13.103 | 4 | | | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (mg / kg (ppm)) | 0572 | 667.00 | 24.000 | 631.22 | 49.166 | 13.103 | 4 | | | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 670.00 | 4.0000 | 631.22 | 49.166 | 13.103 | 4 | | | 0 |
| 037.99 | Zinc, Miscellaneous (mg / kg (ppm)) | 0242 | 636.00 | 18.000 | 663.38 | 31.705 | 11.750 | 4 | | | 0 |
| 037.99 | Zinc, Miscellaneous (mg / kg (ppm)) | 0590 | 641.00 | 18.000 | 663.38 | 31.705 | 11.750 | 4 | | | 0 |
| 037.99 | Zinc, Miscellaneous (mg / kg (ppm)) | 2161 | 672.00 | 4.0000 | 663.38 | 31.705 | 11.750 | 4 | | | 0 |
| 037.99 | Zinc, Miscellaneous (mg / kg (ppm)) | 0100 | 704.50 | 7.0000 | 663.38 | 31.705 | 11.750 | 4 | | | 0 |
| 037.99 | Zinc, Miscellaneous (mg / kg (ppm)) | 0889 | 420.50 | 32.766 | 663.38 | 31.705 | 11.750 | 4 | | | 2 |
| 038.41 | Molybdenum, ICP, Dry ash (mg / kg (ppm)) | 0171 | 1.8130 | 0.04200 | | | | 3 | | | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (mg / kg (ppm)) | 0148 | 1.9000 | 0.04000 | | | | 3 | | | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (mg / kg (ppm)) | 0226 | 2.1500 | 0.10000 | | | | 3 | | | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (mg / kg (ppm)) | 0278 | 1.7850 | 0.07000 | 2.1974 | 0.33689 | 0.07068 | 4 | | | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (mg / kg (ppm)) | 0693 | 2.1880 | 0.02800 | 2.1974 | 0.33689 | 0.07068 | 4 | | | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (mg / kg (ppm)) | 0096 | 2.2066 | 0.06470 | 2.1974 | 0.33689 | 0.07068 | 4 | | | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (mg / kg (ppm)) | 0045 | 2.6100 | 0.12000 | 2.1974 | 0.33689 | 0.07068 | 4 | | | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0353 | 1.7447 | 0.09570 | 2.0648 | 0.28965 | 0.08867 | 7 | -1.11 | 8% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0510 | 1.9000 | 0.00000 | 2.0648 | 0.28965 | 0.08867 | 7 | -0.57 | 4% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0345 | 1.9150 | 0.03000 | 2.0648 | 0.28965 | 0.08867 | 7 | -0.52 | 4% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0169 | 1.9800 | 0.10000 | 2.0648 | 0.28965 | 0.08867 | 7 | -0.29 | 2% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0508 | 2.1695 | 0.04310 | 2.0648 | 0.28965 | 0.08867 | 7 | 0.36 | 3% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0038 | 2.2450 | 0.05000 | 2.0648 | 0.28965 | 0.08867 | 7 | 0.62 | 4% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (mg / kg (ppm)) | 0964 | 3.0307 | 0.30190 | 2.0648 | 0.28965 | 0.08867 | 7 | 3.33 | 23% | 0 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 1.9900 | 0.08000 | | | | 3 | | | 0 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 2.0750 | 0.05000 | | | | 3 | | | 0 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 2.4079 | 0.10940 | | | | 3 | | | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 1.7535 | 0.02700 | | | | 3 | | | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 2.0421 | 0.08910 | | | | 3 | | | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 2.2450 | 0.05000 | | | | 3 | | | 0 |
| 040.42 | Barium, ICP, Open vessel (mg / kg (ppm)) | 0560 | 4.8550 | 0.03000 | | | | 1 | | | 0 |
| 040.52 | Barium, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 4.7397 | 0.36300 | | | | 1 | | | 0 |
| 040.53 | Barium, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 4.1978 | 0.28180 | | | | 1 | | | 0 |
| 041.43 | Vanadium, ICP, Microwave (mg / kg (ppm)) | 0508 | 4.1172 | 0.11480 | | | | 1 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 041.53 | Vanadium, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 4.0250 | 0.13000 | | | | 1 | | | 0 |
| 042.00 | Chloride, Titrimetric (%) | 0948 | 1.2455 | 0.00100 | | | | 1 | | | 0 |
| 101.00 | Choline Chloride, Microbiological (mg / kg (ppm)) | 0675 | 1,554.8 | 78.950 | | | | 2 | | | 0 |
| 101.00 | Choline Chloride, Microbiological (mg / kg (ppm)) | 0227 | 2,550.0 | 80.000 | | | | 2 | | | 0 |
| 101.01 | Choline Chloride, Chem (mg / kg (ppm)) | 0939 | 1,950.0 | 124.00 | | | | 1 | | | 0 |
| 102.01 | Niacin, Microbiological (mg / kg (ppm)) | 0227 | 210.00 | 4.0000 | | | | 1 | | | 0 |
| 102.02 | Niacin, LC (mg / kg (ppm)) | 2161 | 135.62 | 0.06000 | | | | 1 | | | 0 |
| 103.01 | Pantothenic Acid, Microbiological (mg / kg (ppm)) | 0227 | 87.750 | 3.9000 | | | | 1 | | | 0 |
| 104.00 | Riboflavin, Fluorometric (mg / kg (ppm)) | 0171 | 32.650 | 2.7000 | | | | 2 | | | 0 |
| 104.00 | Riboflavin, Fluorometric (mg / kg (ppm)) | 0227 | 37.450 | 2.9000 | | | | 2 | | | 0 |
| 104.03 | Riboflavin, LC (mg / kg (ppm)) | 0910 | 28.530 | 0.86000 | | | | 3 | | | 0 |
| 104.03 | Riboflavin, LC (mg / kg (ppm)) | 2192 | 31.800 | 0.80000 | | | | 3 | | | 0 |
| 104.03 | Riboflavin, LC (mg / kg (ppm)) | 2161 | 82.210 | 1.7400 | | | | 3 | | | 0 |
| 105.00 | Thiamine, LC (mg / kg (ppm)) | 0910 | 8.4000 | 0.30000 | | | | 1 | | | 0 |
| 105.01 | Thiamine, Fluorometer (mg / kg (ppm)) | 0227 | 9.3650 | 0.35000 | | | | 1 | | | 0 |
| 106.00 | Vitamin A, Color (KU / kg) | 0171 | 27.775 | 1.5500 | | | | 3 | | | 0 |
| 106.00 | Vitamin A, Color (KU / kg) | 0964 | 29.665 | 0.64370 | | | | 3 | | | 0 |
| 106.00 | Vitamin A, Color (KU / kg) | 0019 | 32.462 | 0.02500 | | | | 3 | | | 0 |
| 106.01 | Vitamin A, UV (KU / kg) | 0098 | 20.850 | 7.3000 | | | | 1 | | | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0861 | 12.481 | 9.5440 | 26.541 | 5.1679 | 4.0635 | 21 | -2.72 | 26% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0689 | 19.850 | 0.70000 | 26.541 | 5.1679 | 4.0635 | 21 | -1.29 | 13% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 2053 | 20.000 | 4.6000 | 26.541 | 5.1679 | 4.0635 | 21 | -1.27 | 12% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 2022 | 22.000 | 4.0000 | 26.541 | 5.1679 | 4.0635 | 21 | -0.88 | 9% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0027 | 23.326 | 4.3709 | 26.541 | 5.1679 | 4.0635 | 21 | -0.62 | 6% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0038 | 24.150 | 4.5000 | 26.541 | 5.1679 | 4.0635 | 21 | -0.46 | 5% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 2192 | 24.710 | 4.2200 | 26.541 | 5.1679 | 4.0635 | 21 | -0.35 | 3% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0014 | 24.800 | 6.0000 | 26.541 | 5.1679 | 4.0635 | 21 | -0.34 | 3% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 2103 | 24.880 | 3.0600 | 26.541 | 5.1679 | 4.0635 | 21 | -0.32 | 3% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0004 | 25.125 | 2.4500 | 26.541 | 5.1679 | 4.0635 | 21 | -0.27 | 3% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0610 | 25.350 | 1.7000 | 26.541 | 5.1679 | 4.0635 | 21 | -0.23 | 2% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0910 | 26.900 | 5.0000 | 26.541 | 5.1679 | 4.0635 | 21 | 0.07 | 1% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0199 | 26.915 | 8.1500 | 26.541 | 5.1679 | 4.0635 | 21 | 0.07 | 1% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0905 | 28.788 | 5.9090 | 26.541 | 5.1679 | 4.0635 | 21 | 0.43 | 4% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0227 | 29.100 | 2.4000 | 26.541 | 5.1679 | 4.0635 | 21 | 0.50 | 5% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0148 | 29.690 | 4.7600 | 26.541 | 5.1679 | 4.0635 | 21 | 0.61 | 6% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0563 | 30.098 | 0.97370 | 26.541 | 5.1679 | 4.0635 | 21 | 0.69 | 7% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0017 | 31.479 | 7.0614 | 26.541 | 5.1679 | 4.0635 | 21 | 0.96 | 9% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0675 | 32.825 | 2.7300 | 26.541 | 5.1679 | 4.0635 | 21 | 1.22 | 12% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0169 | 47.500 | 1.0000 | 26.541 | 5.1679 | 4.0635 | 21 | 4.06 | 39% | 0 |
| 106.02 | Vitamin A, LC (KU / kg) | 0208 | 47.619 | 2.2040 | 26.541 | 5.1679 | 4.0635 | 21 | 4.08 | 40% | 0 |
| 107.00 | Vitamin B12, Microbiological (µg / kg (ppb)) | 0227 | 72.600 | 6.0000 | | | | 1 | | | 0 |
| 108.01 | Vitamin D3, LC, AOAC (KU / kg) | 0169 | 4.0000 | 0.00000 | | | | 1 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 108.02 | Vitamin D3, LC (KU / kg) | 0861 | 1.9200 | 0.08000 | 2.9638 | 0.86533 | 0.14250 | 4 | | | 0 |
| 108.02 | Vitamin D3, LC (KU / kg) | 0208 | 2.6800 | 0.22000 | 2.9638 | 0.86533 | 0.14250 | 4 | | | 0 |
| 108.02 | Vitamin D3, LC (KU / kg) | 0675 | 3.3150 | 0.27000 | 2.9638 | 0.86533 | 0.14250 | 4 | | | 0 |
| 108.02 | Vitamin D3, LC (KU / kg) | 0227 | 3.9400 | 0.00000 | 2.9638 | 0.86533 | 0.14250 | 4 | | | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 2022 | 32.000 | 10.000 | 117.77 | 17.067 | 5.7531 | 17 | -5.03 | 36% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0098 | 94.000 | 14.000 | 117.77 | 17.067 | 5.7531 | 17 | -1.39 | 10% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0208 | 103.41 | 10.022 | 117.77 | 17.067 | 5.7531 | 17 | -0.84 | 6% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0676 | 107.10 | 2.4000 | 117.77 | 17.067 | 5.7531 | 17 | -0.63 | 5% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0905 | 108.50 | 9.0000 | 117.77 | 17.067 | 5.7531 | 17 | -0.54 | 4% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0590 | 109.00 | 16.000 | 117.77 | 17.067 | 5.7531 | 17 | -0.51 | 4% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0861 | 110.00 | 0.00000 | 117.77 | 17.067 | 5.7531 | 17 | -0.46 | 3% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 2103 | 116.50 | 5.0000 | 117.77 | 17.067 | 5.7531 | 17 | -0.07 | 1% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0610 | 117.00 | 2.0000 | 117.77 | 17.067 | 5.7531 | 17 | -0.04 | 0% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0910 | 120.20 | 0.60000 | 117.77 | 17.067 | 5.7531 | 17 | 0.14 | 1% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0675 | 123.07 | 0.46000 | 117.77 | 17.067 | 5.7531 | 17 | 0.31 | 2% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0199 | 124.94 | 7.1300 | 117.77 | 17.067 | 5.7531 | 17 | 0.42 | 3% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0563 | 127.38 | 5.5806 | 117.77 | 17.067 | 5.7531 | 17 | 0.56 | 4% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0227 | 128.00 | 0.00000 | 117.77 | 17.067 | 5.7531 | 17 | 0.60 | 4% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0148 | 134.06 | 10.190 | 117.77 | 17.067 | 5.7531 | 17 | 0.95 | 7% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 2192 | 148.86 | 4.4200 | 117.77 | 17.067 | 5.7531 | 17 | 1.82 | 13% | 0 |
| 109.02 | Vitamin E, LC (IU / kg) | 0169 | 176.50 | 1.0000 | 117.77 | 17.067 | 5.7531 | 17 | 3.44 | 25% | 0 |
| 109.99 | Vitamin E, Miscellaneous (IU / kg) | 0171 | 110.50 | 3.0000 | | | | 1 | | | 0 |
| 112.01 | Pyridoxine, LC (µg / g) | 0227 | 4.5650 | 0.09000 | | | | 1 | | | 0 |
| 113.01 | Folic Acid, Micro (mg / kg (ppm)) | 0227 | 1.6800 | 0.10000 | | | | 1 | | | 0 |
| 113.02 | Folic acid, LC (mg / kg (ppm)) | 2161 | 0.51000 | 0.16000 | | | | 1 | | | 0 |
| 114.01 | Biotin, Microbiological (mg / kg (ppm)) | 0227 | 0.28200 | 0.00200 | | | | 1 | | | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0619 | 0.88300 | 0.01000 | 0.92077 | 0.02956 | 0.01485 | 22 | -1.28 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0504 | 0.88500 | 0.03000 | 0.92077 | 0.02956 | 0.01485 | 22 | -1.21 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0910 | 0.89000 | 0.00000 | 0.92077 | 0.02956 | 0.01485 | 22 | -1.04 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0644 | 0.89900 | 0.00000 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.74 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0878 | 0.89900 | 0.00600 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.74 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0968 | 0.89950 | 0.00900 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.72 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0354 | 0.90800 | 0.01400 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.43 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0859 | 0.91000 | 0.00400 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.36 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 2059 | 0.91050 | 0.00300 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.35 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0652 | 0.91500 | 0.01000 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.20 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0675 | 0.91500 | 0.01000 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.20 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0872 | 0.91700 | 0.00400 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.13 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0870 | 0.91760 | 0.02200 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.11 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0571 | 0.91850 | 0.00900 | 0.92077 | 0.02956 | 0.01485 | 22 | -0.08 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0227 | 0.92500 | 0.01000 | 0.92077 | 0.02956 | 0.01485 | 22 | 0.14 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0941 | 0.92600 | 0.00400 | 0.92077 | 0.02956 | 0.01485 | 22 | 0.18 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0868 | 0.92850 | 0.02100 | 0.92077 | 0.02956 | 0.01485 | 22 | 0.26 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0226 | 0.95270 | 0.00780 | 0.92077 | 0.02956 | 0.01485 | 22 | 1.08 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0918 | 0.96220 | 0.05800 | 0.92077 | 0.02956 | 0.01485 | 22 | 1.40 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0171 | 0.98550 | 0.03700 | 0.92077 | 0.02956 | 0.01485 | 22 | 2.19 | 4% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0353 | 1.0050 | 0.05000 | 0.92077 | 0.02956 | 0.01485 | 22 | 2.85 | 5% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0684 | 1.1220 | 0.00800 | 0.92077 | 0.02956 | 0.01485 | 22 | 6.81 | 11% | 0 |
| 120.02 | Alanine, Post-col OPA Der (%) | 0098 | 0.90000 | 0.00800 | | | | 1 | | | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0148 | 0.89000 | 0.02000 | 0.91280 | 0.02704 | 0.02400 | 5 | | | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 2188 | 0.90000 | 0.02000 | 0.91280 | 0.02704 | 0.02400 | 5 | | | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0676 | 0.90250 | 0.06900 | 0.91280 | 0.02704 | 0.02400 | 5 | | | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0626 | 0.91250 | 0.01100 | 0.91280 | 0.02704 | 0.02400 | 5 | | | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 2196 | 0.95900 | 0.00000 | 0.91280 | 0.02704 | 0.02400 | 5 | | | 0 |
| 120.99 | Alanine, Miscellaneous (%) | 2161 | 0.83300 | 0.03400 | | | | 2 | | | 0 |
| 120.99 | Alanine, Miscellaneous (%) | 2146 | 0.96500 | 0.01000 | | | | 2 | | | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0353 | 1.0200 | 0.12000 | 1.1870 | 0.04474 | 0.03015 | 21 | -3.73 | 7% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0878 | 1.1320 | 0.00800 | 1.1870 | 0.04474 | 0.03015 | 21 | -1.23 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0504 | 1.1350 | 0.01000 | 1.1870 | 0.04474 | 0.03015 | 21 | -1.16 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0870 | 1.1464 | 0.00200 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.91 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0859 | 1.1485 | 0.02500 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.86 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0619 | 1.1650 | 0.03000 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.49 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0652 | 1.1650 | 0.01000 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.49 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0868 | 1.1710 | 0.02200 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.36 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0644 | 1.1830 | 0.01600 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.09 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 2059 | 1.1845 | 0.00300 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.05 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0227 | 1.1850 | 0.03000 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.04 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0910 | 1.1850 | 0.03000 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.04 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0968 | 1.1865 | 0.03900 | 1.1870 | 0.04474 | 0.03015 | 21 | -0.01 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0354 | 1.1960 | 0.04400 | 1.1870 | 0.04474 | 0.03015 | 21 | 0.20 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0872 | 1.1965 | 0.02900 | 1.1870 | 0.04474 | 0.03015 | 21 | 0.21 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0941 | 1.2200 | 0.01000 | 1.1870 | 0.04474 | 0.03015 | 21 | 0.74 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0684 | 1.2255 | 0.03700 | 1.1870 | 0.04474 | 0.03015 | 21 | 0.86 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0571 | 1.2365 | 0.00100 | 1.1870 | 0.04474 | 0.03015 | 21 | 1.11 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0918 | 1.2447 | 0.13140 | 1.1870 | 0.04474 | 0.03015 | 21 | 1.29 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0226 | 1.2461 | 0.02570 | 1.1870 | 0.04474 | 0.03015 | 21 | 1.32 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0675 | 1.2550 | 0.01000 | 1.1870 | 0.04474 | 0.03015 | 21 | 1.52 | 3% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0171 | 1.4655 | 0.52900 | 1.1870 | 0.04474 | 0.03015 | 21 | 6.23 | 12% | 1 |
| 121.02 | Arginine, Post-col OPA Der (%) | 0098 | 1.1550 | 0.01800 | | | | 1 | | | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0148 | 1.1350 | 0.15000 | 1.1804 | 0.02867 | 0.05920 | 5 | | | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0676 | 1.1785 | 0.11500 | 1.1804 | 0.02867 | 0.05920 | 5 | | | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0626 | 1.1795 | 0.03100 | 1.1804 | 0.02867 | 0.05920 | 5 | | | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 2196 | 1.1990 | 0.00000 | 1.1804 | 0.02867 | 0.05920 | 5 | | | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 2188 | 1.2100 | 0.00000 | 1.1804 | 0.02867 | 0.05920 | 5 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 121.99 | Arginine, Miscellaneous (%) | 2161 | 1.3720 | 0.00800 | | | | 1 | | | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0504 | 1.7550 | 0.03000 | 1.8514 | 0.05696 | 0.02564 | 22 | -1.69 | 3% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0859 | 1.7980 | 0.04400 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.94 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0354 | 1.8035 | 0.00900 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.84 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0644 | 1.8035 | 0.00900 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.84 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0872 | 1.8150 | 0.03800 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.64 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0941 | 1.8190 | 0.04000 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.57 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 2059 | 1.8205 | 0.00100 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.54 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0870 | 1.8275 | 0.00040 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.42 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0675 | 1.8300 | 0.00000 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.38 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0878 | 1.8320 | 0.01800 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.34 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0652 | 1.8350 | 0.07000 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.29 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0968 | 1.8415 | 0.00300 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.17 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0227 | 1.8450 | 0.01000 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.11 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0571 | 1.8455 | 0.00900 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.10 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0910 | 1.8500 | 0.02000 | 1.8514 | 0.05696 | 0.02564 | 22 | -0.02 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0684 | 1.8720 | 0.03600 | 1.8514 | 0.05696 | 0.02564 | 22 | 0.36 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0868 | 1.8720 | 0.00800 | 1.8514 | 0.05696 | 0.02564 | 22 | 0.36 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0226 | 1.9084 | 0.01350 | 1.8514 | 0.05696 | 0.02564 | 22 | 1.00 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0918 | 1.9356 | 0.03210 | 1.8514 | 0.05696 | 0.02564 | 22 | 1.48 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0171 | 1.9395 | 0.07300 | 1.8514 | 0.05696 | 0.02564 | 22 | 1.55 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0353 | 2.0250 | 0.09000 | 1.8514 | 0.05696 | 0.02564 | 22 | 3.05 | 5% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0619 | 2.1550 | 0.01000 | 1.8514 | 0.05696 | 0.02564 | 22 | 5.33 | 8% | 0 |
| 122.02 | Aspartic, Post-col OPA Der (%) | 0098 | 1.8190 | 0.04200 | | | | 1 | | | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0626 | 1.7300 | 0.00600 | 1.8253 | 0.06481 | 0.00650 | 4 | | | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0148 | 1.8450 | 0.01000 | 1.8253 | 0.06481 | 0.00650 | 4 | | | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 2196 | 1.8510 | 0.00000 | 1.8253 | 0.06481 | 0.00650 | 4 | | | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 2188 | 1.8750 | 0.01000 | 1.8253 | 0.06481 | 0.00650 | 4 | | | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0676 | 1.8190 | 0.15000 | 1.8253 | 0.06481 | 0.00650 | 4 | | | 1 |
| 122.99 | Aspartic, Miscellaneous (%) | 2161 | 0.88000 | 0.06000 | | | | 2 | | | 0 |
| 122.99 | Aspartic, Miscellaneous (%) | 2146 | 2.0100 | 0.04000 | | | | 2 | | | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0684 | 0.25450 | 0.00900 | 0.29707 | 0.01679 | 0.00761 | 21 | -2.54 | 7% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0870 | 0.26795 | 0.00110 | 0.29707 | 0.01679 | 0.00761 | 21 | -1.73 | 5% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0226 | 0.27550 | 0.02380 | 0.29707 | 0.01679 | 0.00761 | 21 | -1.29 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0652 | 0.28500 | 0.01000 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.72 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0644 | 0.28650 | 0.00300 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.63 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0941 | 0.28750 | 0.00500 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.57 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0918 | 0.29000 | 0.00000 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.42 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0227 | 0.29000 | 0.02000 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.42 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0504 | 0.29500 | 0.01000 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.12 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 2059 | 0.29600 | 0.00200 | 0.29707 | 0.01679 | 0.00761 | 21 | -0.06 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0968 | 0.29900 | 0.00200 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.11 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0171 | 0.29950 | 0.01500 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.14 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0868 | 0.29950 | 0.01100 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.14 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0872 | 0.30100 | 0.00800 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.23 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0571 | 0.30300 | 0.00600 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.35 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0910 | 0.30500 | 0.01000 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.47 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0878 | 0.30550 | 0.00500 | 0.29707 | 0.01679 | 0.00761 | 21 | 0.50 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0354 | 0.31400 | 0.01000 | 0.29707 | 0.01679 | 0.00761 | 21 | 1.01 | 3% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0353 | 0.32000 | 0.00000 | 0.29707 | 0.01679 | 0.00761 | 21 | 1.37 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0859 | 0.32050 | 0.00500 | 0.29707 | 0.01679 | 0.00761 | 21 | 1.40 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0619 | 0.33100 | 0.00400 | 0.29707 | 0.01679 | 0.00761 | 21 | 2.02 | 6% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0675 | 0.32500 | 0.05000 | 0.29707 | 0.01679 | 0.00761 | 21 | 1.66 | 5% | 1 |
| 124.02 | Cysteine/Cystine, PAO Post-col OPA Der (%) | 0098 | 0.30550 | 0.01900 | | | | 1 | | | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 0148 | 0.24500 | 0.01000 | 0.30460 | 0.03665 | 0.00600 | 5 | | | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 2196 | 0.29800 | 0.00000 | 0.30460 | 0.03665 | 0.00600 | 5 | | | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 2195 | 0.31500 | 0.01000 | 0.30460 | 0.03665 | 0.00600 | 5 | | | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 2188 | 0.32500 | 0.01000 | 0.30460 | 0.03665 | 0.00600 | 5 | | | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 0610 | 0.34000 | 0.00000 | 0.30460 | 0.03665 | 0.00600 | 5 | | | 0 |
| 124.99 | Cysteine/Cystine, Miscellaneous (%) | 2161 | 0.15000 | 0.00200 | | | | 2 | | | 0 |
| 124.99 | Cysteine/Cystine, Miscellaneous (%) | 2146 | 0.36500 | 0.01000 | | | | 2 | | | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0171 | 2.9930 | 0.12200 | 3.3385 | 0.15240 | 0.04174 | 22 | -2.27 | 5% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0941 | 3.1280 | 0.03600 | 3.3385 | 0.15240 | 0.04174 | 22 | -1.38 | 3% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0504 | 3.2100 | 0.04000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.84 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 2059 | 3.2210 | 0.00400 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.77 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0859 | 3.2215 | 0.07500 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.77 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0644 | 3.2345 | 0.03100 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.68 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0872 | 3.2760 | 0.04000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.41 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0878 | 3.2835 | 0.02300 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.36 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0354 | 3.2875 | 0.04300 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.33 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0571 | 3.2980 | 0.02200 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.27 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0968 | 3.3000 | 0.00000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.25 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0227 | 3.3150 | 0.01000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.15 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0619 | 3.3250 | 0.05000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.09 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0652 | 3.3300 | 0.08000 | 3.3385 | 0.15240 | 0.04174 | 22 | -0.06 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0910 | 3.3850 | 0.01000 | 3.3385 | 0.15240 | 0.04174 | 22 | 0.31 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0675 | 3.3950 | 0.01000 | 3.3385 | 0.15240 | 0.04174 | 22 | 0.37 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0870 | 3.4580 | 0.02430 | 3.3385 | 0.15240 | 0.04174 | 22 | 0.78 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0918 | 3.4980 | 0.05660 | 3.3385 | 0.15240 | 0.04174 | 22 | 1.05 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0868 | 3.5130 | 0.02800 | 3.3385 | 0.15240 | 0.04174 | 22 | 1.14 | 3% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0684 | 3.5240 | 0.08400 | 3.3385 | 0.15240 | 0.04174 | 22 | 1.22 | 3% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0226 | 3.8053 | 0.01940 | 3.3385 | 0.15240 | 0.04174 | 22 | 3.06 | 7% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0353 | 3.8250 | 0.11000 | 3.3385 | 0.15240 | 0.04174 | 22 | 3.19 | 7% | 0 |
| 125.02 | Glutamic, Post-col OPA Der (%) | 0098 | 3.2800 | 0.09400 | | | | 1 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 2188 | 3.0850 | 0.03000 | 3.2755 | 0.20514 | 0.04600 | 4 | | | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0626 | 3.2010 | 0.04400 | 3.2755 | 0.20514 | 0.04600 | 4 | | | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 2196 | 3.2510 | 0.00000 | 3.2755 | 0.20514 | 0.04600 | 4 | | | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0148 | 3.5650 | 0.11000 | 3.2755 | 0.20514 | 0.04600 | 4 | | | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0676 | 3.3330 | 0.31000 | 3.2755 | 0.20514 | 0.04600 | 4 | | | 1 |
| 125.99 | Glutamic, Miscellaneous (%) | 2161 | 2.4400 | 0.00000 | | | | 2 | | | 0 |
| 125.99 | Glutamic, Miscellaneous (%) | 2146 | 3.2050 | 0.09000 | | | | 2 | | | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0504 | 0.75500 | 0.03000 | 0.78703 | 0.02156 | 0.01264 | 22 | -1.49 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0870 | 0.75640 | 0.01440 | 0.78703 | 0.02156 | 0.01264 | 22 | -1.42 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0226 | 0.76415 | 0.00390 | 0.78703 | 0.02156 | 0.01264 | 22 | -1.06 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0910 | 0.77000 | 0.02000 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.79 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0354 | 0.77200 | 0.02200 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.70 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0652 | 0.77500 | 0.01000 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.56 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0859 | 0.77750 | 0.01300 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.44 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0878 | 0.77800 | 0.00800 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.42 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0644 | 0.78200 | 0.00400 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.23 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0619 | 0.78250 | 0.01900 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.21 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0171 | 0.78450 | 0.04300 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.12 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0675 | 0.78500 | 0.01000 | 0.78703 | 0.02156 | 0.01264 | 22 | -0.09 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0872 | 0.78850 | 0.00300 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.07 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0227 | 0.79000 | 0.00000 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.14 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0571 | 0.79300 | 0.00600 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.28 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0941 | 0.79550 | 0.00100 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.39 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 2059 | 0.79550 | 0.00500 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.39 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0968 | 0.79700 | 0.00000 | 0.78703 | 0.02156 | 0.01264 | 22 | 0.46 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0918 | 0.81505 | 0.03070 | 0.78703 | 0.02156 | 0.01264 | 22 | 1.30 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0684 | 0.82600 | 0.00400 | 0.78703 | 0.02156 | 0.01264 | 22 | 1.81 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0868 | 0.83050 | 0.00100 | 0.78703 | 0.02156 | 0.01264 | 22 | 2.02 | 3% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0353 | 0.87500 | 0.03000 | 0.78703 | 0.02156 | 0.01264 | 22 | 4.08 | 6% | 0 |
| 126.02 | Glycine, Post-col OPA Der (%) | 0098 | 0.77950 | 0.02900 | | | | 1 | | | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 2188 | 0.75500 | 0.03000 | 0.79260 | 0.02964 | 0.01880 | 5 | | | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0148 | 0.78500 | 0.01000 | 0.79260 | 0.02964 | 0.01880 | 5 | | | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0676 | 0.78700 | 0.04000 | 0.79260 | 0.02964 | 0.01880 | 5 | | | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 2196 | 0.79900 | 0.00000 | 0.79260 | 0.02964 | 0.01880 | 5 | | | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0626 | 0.83700 | 0.01400 | 0.79260 | 0.02964 | 0.01880 | 5 | | | 0 |
| 126.99 | Glycine, Miscellaneous (%) | 2161 | 0.72900 | 0.01400 | | | | 2 | | | 0 |
| 126.99 | Glycine, Miscellaneous (%) | 2146 | 0.79500 | 0.01000 | | | | 2 | | | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0859 | 0.44200 | 0.00800 | 0.48307 | 0.01790 | 0.01056 | 22 | -2.29 | 4% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0226 | 0.44830 | 0.00040 | 0.48307 | 0.01790 | 0.01056 | 22 | -1.94 | 4% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0878 | 0.45550 | 0.00300 | 0.48307 | 0.01790 | 0.01056 | 22 | -1.54 | 3% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0870 | 0.45860 | 0.01260 | 0.48307 | 0.01790 | 0.01056 | 22 | -1.37 | 3% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 2059 | 0.47200 | 0.00000 | 0.48307 | 0.01790 | 0.01056 | 22 | -0.62 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0644 | 0.47550 | 0.00500 | 0.48307 | 0.01790 | 0.01056 | 22 | -0.42 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0354 | 0.47950 | 0.01500 | 0.48307 | 0.01790 | 0.01056 | 22 | -0.20 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0910 | 0.48000 | 0.00000 | 0.48307 | 0.01790 | 0.01056 | 22 | -0.17 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0918 | 0.48180 | 0.01340 | 0.48307 | 0.01790 | 0.01056 | 22 | -0.07 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0504 | 0.48500 | 0.03000 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.11 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0868 | 0.48500 | 0.03200 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.11 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0571 | 0.48550 | 0.00500 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.14 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0941 | 0.48650 | 0.00300 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.19 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0684 | 0.48950 | 0.00700 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.36 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0227 | 0.49000 | 0.00000 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.39 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0675 | 0.49000 | 0.02000 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.39 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0968 | 0.49000 | 0.00400 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.39 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0872 | 0.49300 | 0.00800 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.55 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0171 | 0.49350 | 0.01900 | 0.48307 | 0.01790 | 0.01056 | 22 | 0.58 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0652 | 0.50500 | 0.01000 | 0.48307 | 0.01790 | 0.01056 | 22 | 1.23 | 2% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0619 | 0.50850 | 0.01700 | 0.48307 | 0.01790 | 0.01056 | 22 | 1.42 | 3% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0353 | 0.65000 | 0.02000 | 0.48307 | 0.01790 | 0.01056 | 22 | 9.33 | 17% | 0 |
| 127.02 | Histidine, Post-col OPA Der (%) | 0098 | 0.46400 | 0.00600 | | | | 1 | | | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 2188 | 0.42000 | 0.02000 | 0.46180 | 0.03056 | 0.02000 | 5 | | | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0676 | 0.45500 | 0.02800 | 0.46180 | 0.03056 | 0.02000 | 5 | | | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0626 | 0.45900 | 0.01200 | 0.46180 | 0.03056 | 0.02000 | 5 | | | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0148 | 0.47000 | 0.04000 | 0.46180 | 0.03056 | 0.02000 | 5 | | | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 2196 | 0.50500 | 0.00000 | 0.46180 | 0.03056 | 0.02000 | 5 | | | 0 |
| 127.99 | Histidine, Miscellaneous (%) | 2146 | 0.47000 | 0.00000 | | | | 2 | | | 0 |
| 127.99 | Histidine, Miscellaneous (%) | 2161 | 0.65200 | 0.00400 | | | | 2 | | | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0353 | 0.58500 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | -4.43 | 11% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0918 | 0.68345 | 0.02010 | 0.74985 | 0.03718 | 0.01313 | 22 | -1.79 | 4% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0870 | 0.69035 | 0.00170 | 0.74985 | 0.03718 | 0.01313 | 22 | -1.60 | 4% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0872 | 0.70350 | 0.02100 | 0.74985 | 0.03718 | 0.01313 | 22 | -1.25 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0859 | 0.71350 | 0.01500 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.98 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0878 | 0.73100 | 0.00000 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.51 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0171 | 0.74400 | 0.01600 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.16 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0354 | 0.74550 | 0.03900 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.12 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0684 | 0.74650 | 0.03900 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.09 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0868 | 0.74700 | 0.00800 | 0.74985 | 0.03718 | 0.01313 | 22 | -0.08 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0652 | 0.75000 | 0.02000 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.00 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0910 | 0.75500 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.14 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 2059 | 0.76350 | 0.00900 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.37 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0968 | 0.76500 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.41 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0226 | 0.76585 | 0.01810 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.43 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0619 | 0.77200 | 0.01400 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.60 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0227 | 0.77500 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.68 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0941 | 0.77850 | 0.00100 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.77 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0571 | 0.77950 | 0.00700 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.80 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0644 | 0.78400 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | 0.92 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0504 | 0.79000 | 0.00000 | 0.74985 | 0.03718 | 0.01313 | 22 | 1.08 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0675 | 0.80500 | 0.01000 | 0.74985 | 0.03718 | 0.01313 | 22 | 1.48 | 4% | 0 |
| 128.02 | Isoleucine, Post-col OPA Der (%) | 0098 | 0.74500 | 0.00000 | | | | 1 | | | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 2188 | 0.78000 | 0.00000 | 0.80325 | 0.02084 | 0.00750 | 4 | | | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0626 | 0.79200 | 0.00000 | 0.80325 | 0.02084 | 0.00750 | 4 | | | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 2196 | 0.81600 | 0.00000 | 0.80325 | 0.02084 | 0.00750 | 4 | | | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0148 | 0.82500 | 0.03000 | 0.80325 | 0.02084 | 0.00750 | 4 | | | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0676 | 0.58650 | 0.06300 | 0.80325 | 0.02084 | 0.00750 | 4 | | | 2 |
| 128.99 | Isoleucine, Miscellaneous (%) | 2146 | 0.71000 | 0.02000 | | | | 2 | | | 0 |
| 128.99 | Isoleucine, Miscellaneous (%) | 2161 | 0.80800 | 0.00800 | | | | 2 | | | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0878 | 1.4155 | 0.00100 | 1.5152 | 0.03713 | 0.01665 | 22 | -2.68 | 3% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0872 | 1.4670 | 0.02600 | 1.5152 | 0.03713 | 0.01665 | 22 | -1.30 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0870 | 1.4777 | 0.01050 | 1.5152 | 0.03713 | 0.01665 | 22 | -1.01 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0675 | 1.4850 | 0.03000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.81 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0859 | 1.4955 | 0.01100 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.53 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0354 | 1.4975 | 0.03100 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.48 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0619 | 1.5000 | 0.00000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.41 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 2059 | 1.5010 | 0.00600 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.38 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0644 | 1.5045 | 0.00900 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.29 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0504 | 1.5050 | 0.01000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.27 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0652 | 1.5050 | 0.03000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.27 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0968 | 1.5070 | 0.00200 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.22 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0227 | 1.5100 | 0.02000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.14 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0910 | 1.5100 | 0.00000 | 1.5152 | 0.03713 | 0.01665 | 22 | -0.14 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0941 | 1.5215 | 0.00500 | 1.5152 | 0.03713 | 0.01665 | 22 | 0.17 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0571 | 1.5330 | 0.01200 | 1.5152 | 0.03713 | 0.01665 | 22 | 0.48 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0171 | 1.5375 | 0.03500 | 1.5152 | 0.03713 | 0.01665 | 22 | 0.60 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0684 | 1.5400 | 0.03600 | 1.5152 | 0.03713 | 0.01665 | 22 | 0.67 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0868 | 1.5655 | 0.00700 | 1.5152 | 0.03713 | 0.01665 | 22 | 1.36 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0918 | 1.5699 | 0.05470 | 1.5152 | 0.03713 | 0.01665 | 22 | 1.47 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0226 | 1.5953 | 0.02020 | 1.5152 | 0.03713 | 0.01665 | 22 | 2.16 | 3% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0353 | 1.6650 | 0.01000 | 1.5152 | 0.03713 | 0.01665 | 22 | 4.04 | 5% | 0 |
| 129.02 | Leucine, Post-col OPA Der (%) | 0098 | 1.5075 | 0.04100 | | | | 1 | | | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 2188 | 1.4300 | 0.04000 | 1.5043 | 0.05015 | 0.02400 | 4 | | | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 2196 | 1.5210 | 0.00000 | 1.5043 | 0.05015 | 0.02400 | 4 | | | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0626 | 1.5260 | 0.01600 | 1.5043 | 0.05015 | 0.02400 | 4 | | | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0148 | 1.5400 | 0.04000 | 1.5043 | 0.05015 | 0.02400 | 4 | | | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0676 | 1.4405 | 0.14500 | 1.5043 | 0.05015 | 0.02400 | 4 | | | 1 |
| 129.99 | Leucine, Miscellaneous (%) | 2161 | 1.4530 | 0.00200 | | | | 2 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 129.99 | Leucine, Miscellaneous (%) | 2146 | 1.4700 | 0.00000 | | | | 2 | | | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0171 | 0.92250 | 0.01500 | 1.0822 | 0.02677 | 0.01528 | 22 | -5.97 | 7% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0619 | 1.0450 | 0.03000 | 1.0822 | 0.02677 | 0.01528 | 22 | -1.39 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0652 | 1.0450 | 0.03000 | 1.0822 | 0.02677 | 0.01528 | 22 | -1.39 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0859 | 1.0505 | 0.02100 | 1.0822 | 0.02677 | 0.01528 | 22 | -1.18 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0878 | 1.0565 | 0.00500 | 1.0822 | 0.02677 | 0.01528 | 22 | -0.96 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0968 | 1.0620 | 0.00400 | 1.0822 | 0.02677 | 0.01528 | 22 | -0.75 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0910 | 1.0650 | 0.01000 | 1.0822 | 0.02677 | 0.01528 | 22 | -0.64 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0354 | 1.0680 | 0.02800 | 1.0822 | 0.02677 | 0.01528 | 22 | -0.53 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0353 | 1.0850 | 0.01000 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.10 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0941 | 1.0895 | 0.00900 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.27 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0675 | 1.0900 | 0.02000 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.29 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0226 | 1.0918 | 0.01330 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.36 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0571 | 1.0930 | 0.01600 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.40 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0227 | 1.0950 | 0.01000 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.48 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0918 | 1.0952 | 0.01230 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.48 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0872 | 1.0955 | 0.00900 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.50 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0644 | 1.0995 | 0.01100 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.65 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 2059 | 1.1000 | 0.01000 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.66 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0684 | 1.1010 | 0.04600 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.70 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0504 | 1.1050 | 0.01000 | 1.0822 | 0.02677 | 0.01528 | 22 | 0.85 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0868 | 1.1165 | 0.00500 | 1.0822 | 0.02677 | 0.01528 | 22 | 1.28 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0870 | 1.1176 | 0.01150 | 1.0822 | 0.02677 | 0.01528 | 22 | 1.32 | 2% | 0 |
| 130.02 | L-Lysine, Post-col OPA Der (%) | 0098 | 1.0815 | 0.01900 | | | | 1 | | | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 2188 | 1.0350 | 0.01000 | 1.1139 | 0.07602 | 0.07986 | 7 | -1.04 | 4% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 2195 | 1.0400 | 0.08000 | 1.1139 | 0.07602 | 0.07986 | 7 | -0.97 | 3% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 2196 | 1.0890 | 0.00000 | 1.1139 | 0.07602 | 0.07986 | 7 | -0.33 | 1% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0676 | 1.1230 | 0.07800 | 1.1139 | 0.07602 | 0.07986 | 7 | 0.12 | 0% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0148 | 1.1250 | 0.07000 | 1.1139 | 0.07602 | 0.07986 | 7 | 0.15 | 0% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0626 | 1.1610 | 0.03600 | 1.1139 | 0.07602 | 0.07986 | 7 | 0.62 | 2% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0027 | 1.2245 | 0.28500 | 1.1139 | 0.07602 | 0.07986 | 7 | 1.45 | 5% | 0 |
| 130.99 | L-Lysine, Miscellaneous (%) | 2053 | 0.97500 | 0.03000 | | | | 3 | | | 0 |
| 130.99 | L-Lysine, Miscellaneous (%) | 2146 | 1.2000 | 0.04000 | | | | 3 | | | 0 |
| 130.99 | L-Lysine, Miscellaneous (%) | 2161 | 1.3780 | 0.03200 | | | | 3 | | | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0226 | 0.21735 | 0.02590 | 0.26963 | 0.02067 | 0.00809 | 21 | -2.53 | 10% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0619 | 0.22550 | 0.00700 | 0.26963 | 0.02067 | 0.00809 | 21 | -2.14 | 8% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0684 | 0.23700 | 0.01600 | 0.26963 | 0.02067 | 0.00809 | 21 | -1.58 | 6% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0652 | 0.25500 | 0.01000 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.71 | 3% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0859 | 0.25750 | 0.00700 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.59 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0941 | 0.25800 | 0.00400 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.56 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0872 | 0.26250 | 0.00500 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.35 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0878 | 0.26350 | 0.00500 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.30 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0910 | 0.26500 | 0.01000 | 0.26963 | 0.02067 | 0.00809 | 21 | -0.22 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0227 | 0.27000 | 0.00000 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.02 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0571 | 0.27000 | 0.00400 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.02 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 2059 | 0.27050 | 0.00500 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.04 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0644 | 0.27150 | 0.00700 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.09 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0504 | 0.27500 | 0.01000 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.26 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0918 | 0.28000 | 0.02000 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.50 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0868 | 0.28200 | 0.00600 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.60 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0354 | 0.28950 | 0.00500 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.96 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0968 | 0.29000 | 0.00000 | 0.26963 | 0.02067 | 0.00809 | 21 | 0.99 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0870 | 0.29075 | 0.00690 | 0.26963 | 0.02067 | 0.00809 | 21 | 1.02 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0171 | 0.29500 | 0.01600 | 0.26963 | 0.02067 | 0.00809 | 21 | 1.23 | 5% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0675 | 0.31000 | 0.00000 | 0.26963 | 0.02067 | 0.00809 | 21 | 1.95 | 7% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0353 | 0.71000 | 0.00000 | 0.26963 | 0.02067 | 0.00809 | 21 | 21.31 | 82% | 2 |
| 131.02 | Methionine, PAO Post-col OPA Der (%) | 0098 | 0.26350 | 0.00300 | | | | 1 | | | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0148 | 0.13000 | 0.02000 | 0.26859 | 0.08335 | 0.00867 | 6 | -1.66 | 26% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0626 | 0.24100 | 0.01200 | 0.26859 | 0.08335 | 0.00867 | 6 | -0.33 | 5% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0610 | 0.27500 | 0.01000 | 0.26859 | 0.08335 | 0.00867 | 6 | 0.08 | 1% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 2196 | 0.27700 | 0.00000 | 0.26859 | 0.08335 | 0.00867 | 6 | 0.10 | 2% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 2188 | 0.31500 | 0.01000 | 0.26859 | 0.08335 | 0.00867 | 6 | 0.56 | 9% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 2195 | 0.36000 | 0.00000 | 0.26859 | 0.08335 | 0.00867 | 6 | 1.10 | 17% | 0 |
| 131.99 | Methionine, Miscellaneous (%) | 2053 | 0.21500 | 0.00200 | | | | 3 | | | 0 |
| 131.99 | Methionine, Miscellaneous (%) | 2161 | 0.29700 | 0.01000 | | | | 3 | | | 0 |
| 131.99 | Methionine, Miscellaneous (%) | 2146 | 0.48500 | 0.01000 | | | | 3 | | | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0878 | 0.78350 | 0.02500 | 0.88893 | 0.02656 | 0.01472 | 22 | -3.97 | 6% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0872 | 0.85250 | 0.00100 | 0.88893 | 0.02656 | 0.01472 | 22 | -1.37 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0941 | 0.85250 | 0.01500 | 0.88893 | 0.02656 | 0.01472 | 22 | -1.37 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0226 | 0.85660 | 0.00240 | 0.88893 | 0.02656 | 0.01472 | 22 | -1.22 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0870 | 0.86065 | 0.00090 | 0.88893 | 0.02656 | 0.01472 | 22 | -1.06 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0644 | 0.87950 | 0.01700 | 0.88893 | 0.02656 | 0.01472 | 22 | -0.35 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0227 | 0.88000 | 0.02000 | 0.88893 | 0.02656 | 0.01472 | 22 | -0.34 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0684 | 0.88150 | 0.03100 | 0.88893 | 0.02656 | 0.01472 | 22 | -0.28 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0354 | 0.88500 | 0.02600 | 0.88893 | 0.02656 | 0.01472 | 22 | -0.15 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0504 | 0.88500 | 0.01000 | 0.88893 | 0.02656 | 0.01472 | 22 | -0.15 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0968 | 0.88950 | 0.00100 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.02 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0652 | 0.89000 | 0.02000 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.04 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0675 | 0.90000 | 0.02000 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.42 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0171 | 0.90350 | 0.04300 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.55 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0859 | 0.90500 | 0.02000 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.61 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0910 | 0.90500 | 0.01000 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.61 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0571 | 0.90550 | 0.00100 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.62 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0619 | 0.90550 | 0.00900 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.62 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 2059 | 0.90550 | 0.00300 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.62 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0868 | 0.90700 | 0.02200 | 0.88893 | 0.02656 | 0.01472 | 22 | 0.68 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0918 | 0.93275 | 0.01650 | 0.88893 | 0.02656 | 0.01472 | 22 | 1.65 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0353 | 1.1150 | 0.01000 | 0.88893 | 0.02656 | 0.01472 | 22 | 8.51 | 13% | 0 |
| 132.02 | Phenylalanine, Post-col OPA Der (%) | 0098 | 0.86100 | 0.02200 | | | | 1 | | | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 2188 | 0.81500 | 0.03000 | 0.85863 | 0.03267 | 0.00775 | 4 | | | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0626 | 0.85250 | 0.00100 | 0.85863 | 0.03267 | 0.00775 | 4 | | | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0148 | 0.88000 | 0.00000 | 0.85863 | 0.03267 | 0.00775 | 4 | | | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 2196 | 0.88700 | 0.00000 | 0.85863 | 0.03267 | 0.00775 | 4 | | | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0676 | 0.86400 | 0.10600 | 0.85863 | 0.03267 | 0.00775 | 4 | | | 1 |
| 132.99 | Phenylalanine, Miscellaneous (%) | 2146 | 0.84000 | 0.02000 | | | | 2 | | | 0 |
| 132.99 | Phenylalanine, Miscellaneous (%) | 2161 | 0.92700 | 0.00200 | | | | 2 | | | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0859 | 0.93700 | 0.00000 | 1.0802 | 0.06096 | 0.02137 | 22 | -2.35 | 7% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0870 | 0.96605 | 0.00750 | 1.0802 | 0.06096 | 0.02137 | 22 | -1.87 | 5% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0868 | 1.0050 | 0.00800 | 1.0802 | 0.06096 | 0.02137 | 22 | -1.23 | 3% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0353 | 1.0400 | 0.04000 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.66 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0878 | 1.0465 | 0.01300 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.55 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0354 | 1.0540 | 0.02400 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.43 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0910 | 1.0600 | 0.06000 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.33 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0968 | 1.0600 | 0.00000 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.33 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0872 | 1.0605 | 0.01700 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.32 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0504 | 1.0650 | 0.07000 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.25 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0644 | 1.0655 | 0.00900 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.24 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0571 | 1.0670 | 0.02400 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.22 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0652 | 1.0750 | 0.03000 | 1.0802 | 0.06096 | 0.02137 | 22 | -0.08 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0227 | 1.0850 | 0.01000 | 1.0802 | 0.06096 | 0.02137 | 22 | 0.08 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0941 | 1.0935 | 0.01100 | 1.0802 | 0.06096 | 0.02137 | 22 | 0.22 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0619 | 1.1100 | 0.02000 | 1.0802 | 0.06096 | 0.02137 | 22 | 0.49 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0171 | 1.1155 | 0.02100 | 1.0802 | 0.06096 | 0.02137 | 22 | 0.58 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0675 | 1.1250 | 0.01000 | 1.0802 | 0.06096 | 0.02137 | 22 | 0.74 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 2059 | 1.1545 | 0.00500 | 1.0802 | 0.06096 | 0.02137 | 22 | 1.22 | 3% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0918 | 1.1609 | 0.02360 | 1.0802 | 0.06096 | 0.02137 | 22 | 1.32 | 4% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0684 | 1.1800 | 0.06200 | 1.0802 | 0.06096 | 0.02137 | 22 | 1.64 | 5% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0226 | 1.2278 | 0.00510 | 1.0802 | 0.06096 | 0.02137 | 22 | 2.42 | 7% | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 2196 | 1.0750 | 0.00000 | 1.1157 | 0.04810 | 0.04140 | 5 | | | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0626 | 1.0845 | 0.03100 | 1.1157 | 0.04810 | 0.04140 | 5 | | | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 2188 | 1.0900 | 0.04000 | 1.1157 | 0.04810 | 0.04140 | 5 | | | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0148 | 1.1400 | 0.02000 | 1.1157 | 0.04810 | 0.04140 | 5 | | | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0676 | 1.1890 | 0.11600 | 1.1157 | 0.04810 | 0.04140 | 5 | | | 0 |
| 133.99 | Proline, Miscellaneous (%) | 2146 | 1.0450 | 0.03000 | | | | 2 | | | 0 |
| 133.99 | Proline, Miscellaneous (%) | 2161 | 1.4790 | 0.03000 | | | | 2 | | | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0504 | 0.75000 | 0.06000 | 0.90845 | 0.05110 | 0.01771 | 22 | -3.10 | 9% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0644 | 0.85000 | 0.00600 | 0.90845 | 0.05110 | 0.01771 | 22 | -1.14 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0619 | 0.85350 | 0.02500 | 0.90845 | 0.05110 | 0.01771 | 22 | -1.08 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0878 | 0.87300 | 0.01600 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.69 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0910 | 0.87500 | 0.01000 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.65 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0652 | 0.88000 | 0.04000 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.56 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0226 | 0.88185 | 0.01510 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.52 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 2059 | 0.88200 | 0.00800 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.52 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0859 | 0.89150 | 0.01900 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.33 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0968 | 0.89350 | 0.00700 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.29 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0941 | 0.89400 | 0.00200 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.28 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0571 | 0.89700 | 0.00200 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.22 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0872 | 0.90350 | 0.01100 | 0.90845 | 0.05110 | 0.01771 | 22 | -0.10 | 0% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0227 | 0.91000 | 0.02000 | 0.90845 | 0.05110 | 0.01771 | 22 | 0.03 | 0% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0354 | 0.91850 | 0.00700 | 0.90845 | 0.05110 | 0.01771 | 22 | 0.20 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0684 | 0.92250 | 0.00900 | 0.90845 | 0.05110 | 0.01771 | 22 | 0.27 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0675 | 0.95500 | 0.01000 | 0.90845 | 0.05110 | 0.01771 | 22 | 0.91 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0918 | 0.96115 | 0.01850 | 0.90845 | 0.05110 | 0.01771 | 22 | 1.03 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0870 | 0.96500 | 0.01000 | 0.90845 | 0.05110 | 0.01771 | 22 | 1.11 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0171 | 0.97800 | 0.04000 | 0.90845 | 0.05110 | 0.01771 | 22 | 1.36 | 4% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0868 | 0.98400 | 0.01400 | 0.90845 | 0.05110 | 0.01771 | 22 | 1.48 | 4% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0353 | 0.99000 | 0.04000 | 0.90845 | 0.05110 | 0.01771 | 22 | 1.60 | 4% | 0 |
| 134.02 | Serine, Post-col OPA Der (%) | 0098 | 0.85150 | 0.00300 | | | | 1 | | | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0148 | 0.83000 | 0.12000 | 0.88390 | 0.05744 | 0.04820 | 5 | | | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 2188 | 0.83500 | 0.01000 | 0.88390 | 0.05744 | 0.04820 | 5 | | | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0626 | 0.88400 | 0.01000 | 0.88390 | 0.05744 | 0.04820 | 5 | | | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 2196 | 0.89900 | 0.00000 | 0.88390 | 0.05744 | 0.04820 | 5 | | | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0676 | 0.97150 | 0.10100 | 0.88390 | 0.05744 | 0.04820 | 5 | | | 0 |
| 134.99 | Serine, Miscellaneous (%) | 2161 | 0.86700 | 0.00200 | | | | 2 | | | 0 |
| 134.99 | Serine, Miscellaneous (%) | 2146 | 1.0650 | 0.01000 | | | | 2 | | | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0504 | 0.67500 | 0.03000 | 0.71116 | 0.03344 | 0.01082 | 22 | -1.08 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0878 | 0.67650 | 0.00900 | 0.71116 | 0.03344 | 0.01082 | 22 | -1.04 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0859 | 0.67850 | 0.01500 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.98 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0619 | 0.68500 | 0.00800 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.78 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0652 | 0.68500 | 0.01000 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.78 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0644 | 0.68550 | 0.00300 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.77 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 2059 | 0.68900 | 0.00200 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.66 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0910 | 0.69000 | 0.00000 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.63 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0872 | 0.69700 | 0.00200 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.42 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0571 | 0.69750 | 0.00100 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.41 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0941 | 0.70050 | 0.00300 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.32 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0226 | 0.70445 | 0.00150 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.20 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0968 | 0.70750 | 0.00500 | 0.71116 | 0.03344 | 0.01082 | 22 | -0.11 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0227 | 0.71500 | 0.01000 | 0.71116 | 0.03344 | 0.01082 | 22 | 0.11 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0870 | 0.71855 | 0.01710 | 0.71116 | 0.03344 | 0.01082 | 22 | 0.22 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0354 | 0.72600 | 0.00200 | 0.71116 | 0.03344 | 0.01082 | 22 | 0.44 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0675 | 0.73000 | 0.02000 | 0.71116 | 0.03344 | 0.01082 | 22 | 0.56 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0684 | 0.75400 | 0.02400 | 0.71116 | 0.03344 | 0.01082 | 22 | 1.28 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0868 | 0.75400 | 0.00800 | 0.71116 | 0.03344 | 0.01082 | 22 | 1.28 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0918 | 0.75415 | 0.00350 | 0.71116 | 0.03344 | 0.01082 | 22 | 1.29 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0171 | 0.76100 | 0.02400 | 0.71116 | 0.03344 | 0.01082 | 22 | 1.49 | 4% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0353 | 0.84000 | 0.04000 | 0.71116 | 0.03344 | 0.01082 | 22 | 3.85 | 9% | 0 |
| 135.02 | Threonine, Post-col OPA Der (%) | 0098 | 0.69500 | 0.01200 | | | | 1 | | | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0148 | 0.67000 | 0.06000 | 0.70210 | 0.02159 | 0.02020 | 5 | | | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0626 | 0.69250 | 0.00100 | 0.70210 | 0.02159 | 0.02020 | 5 | | | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0676 | 0.70700 | 0.03000 | 0.70210 | 0.02159 | 0.02020 | 5 | | | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 2196 | 0.71600 | 0.00000 | 0.70210 | 0.02159 | 0.02020 | 5 | | | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 2188 | 0.72500 | 0.01000 | 0.70210 | 0.02159 | 0.02020 | 5 | | | 0 |
| 135.99 | Threonine, Miscellaneous (%) | 2146 | 0.72500 | 0.01000 | | | | 1 | | | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0870 | 0.16380 | 0.00100 | 0.21743 | 0.02927 | 0.00600 | 7 | -1.83 | 12% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0910 | 0.20000 | 0.02000 | 0.21743 | 0.02927 | 0.00600 | 7 | -0.60 | 4% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0619 | 0.21300 | 0.00600 | 0.21743 | 0.02927 | 0.00600 | 7 | -0.15 | 1% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0918 | 0.21500 | 0.01000 | 0.21743 | 0.02927 | 0.00600 | 7 | -0.08 | 1% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0684 | 0.23050 | 0.00500 | 0.21743 | 0.02927 | 0.00600 | 7 | 0.45 | 3% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0941 | 0.24000 | 0.00000 | 0.21743 | 0.02927 | 0.00600 | 7 | 0.77 | 5% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (%) | 0227 | 0.25000 | 0.00000 | 0.21743 | 0.02927 | 0.00600 | 7 | 1.11 | 7% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0868 | 0.20950 | 0.00500 | | | | 3 | | | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0878 | 0.23700 | 0.00200 | | | | 3 | | | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0644 | 0.23850 | 0.00300 | | | | 3 | | | 0 |
| 136.02 | Tryptophan, Alka-Hydrol Post-col OPA De (%) | 0098 | 0.22900 | 0.01800 | | | | 1 | | | 0 |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 0859 | 0.21600 | 0.00000 | 0.22475 | 0.00664 | 0.00100 | 4 | | | 0 |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 2059 | 0.22450 | 0.00100 | 0.22475 | 0.00664 | 0.00100 | 4 | | | 0 |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 0872 | 0.22650 | 0.00300 | 0.22475 | 0.00664 | 0.00100 | 4 | | | 0 |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 0571 | 0.23200 | 0.00000 | 0.22475 | 0.00664 | 0.00100 | 4 | | | 0 |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 0353 | 0.30000 | 0.02000 | 0.22475 | 0.00664 | 0.00100 | 4 | | | 2 |
| 136.99 | Tryptophan, Miscellaneous (%) | 2161 | 0.12150 | 0.00300 | | | | 2 | | | 0 |
| 136.99 | Tryptophan, Miscellaneous (%) | 0504 | 0.23500 | 0.01000 | | | | 2 | | | 0 |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 0354 | 0.60200 | 0.01000 | | | | 3 | | | 0 |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 0918 | 0.60315 | 0.01370 | | | | 3 | | | 0 |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 0098 | 0.61050 | 0.01700 | | | | 3 | | | 0 |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 0870 | 0.47500 | 0.01000 | | | | 3 | | | 2 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0626 | 0.50950 | 0.00500 | 0.63550 | 0.09558 | 0.02700 | 5 | | | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0676 | 0.59000 | 0.08000 | 0.63550 | 0.09558 | 0.02700 | 5 | | | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 2196 | 0.62300 | 0.00000 | 0.63550 | 0.09558 | 0.02700 | 5 | | | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0148 | 0.70000 | 0.02000 | 0.63550 | 0.09558 | 0.02700 | 5 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 2188 | 0.75500 | 0.03000 | 0.63550 | 0.09558 | 0.02700 | 5 | | | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0910 | 0.34500 | 0.03000 | 0.58130 | 0.06106 | 0.02700 | 12 | -3.87 | 20% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0941 | 0.52450 | 0.09100 | 0.58130 | 0.06106 | 0.02700 | 12 | -0.93 | 5% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 2146 | 0.52500 | 0.05000 | 0.58130 | 0.06106 | 0.02700 | 12 | -0.92 | 5% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0968 | 0.54650 | 0.00900 | 0.58130 | 0.06106 | 0.02700 | 12 | -0.57 | 3% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0171 | 0.56950 | 0.02900 | 0.58130 | 0.06106 | 0.02700 | 12 | -0.19 | 1% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0227 | 0.58000 | 0.02000 | 0.58130 | 0.06106 | 0.02700 | 12 | -0.02 | 0% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0675 | 0.59000 | 0.02000 | 0.58130 | 0.06106 | 0.02700 | 12 | 0.14 | 1% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0504 | 0.60000 | 0.02000 | 0.58130 | 0.06106 | 0.02700 | 12 | 0.31 | 2% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 2161 | 0.60200 | 0.00000 | 0.58130 | 0.06106 | 0.02700 | 12 | 0.34 | 2% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0872 | 0.62950 | 0.02300 | 0.58130 | 0.06106 | 0.02700 | 12 | 0.79 | 4% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0644 | 0.64600 | 0.01200 | 0.58130 | 0.06106 | 0.02700 | 12 | 1.06 | 6% | 0 |
| 137.99 | Tyrosine, Miscellaneous (%) | 0353 | 0.83000 | 0.02000 | 0.58130 | 0.06106 | 0.02700 | 12 | 4.07 | 21% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0171 | 0.79700 | 0.04200 | 0.85386 | 0.03434 | 0.01778 | 21 | -1.66 | 3% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0870 | 0.79725 | 0.01770 | 0.85386 | 0.03434 | 0.01778 | 21 | -1.65 | 3% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0353 | 0.80500 | 0.03000 | 0.85386 | 0.03434 | 0.01778 | 21 | -1.42 | 3% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0859 | 0.82850 | 0.01300 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.74 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0868 | 0.82850 | 0.03700 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.74 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0652 | 0.83000 | 0.02000 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.69 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0878 | 0.83800 | 0.01200 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.46 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0872 | 0.84000 | 0.02200 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.40 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0910 | 0.84000 | 0.00000 | 0.85386 | 0.03434 | 0.01778 | 21 | -0.40 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0354 | 0.85600 | 0.03000 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.06 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 2059 | 0.85700 | 0.01000 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.09 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0504 | 0.86500 | 0.01000 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.32 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0619 | 0.86650 | 0.01300 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.37 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0644 | 0.87600 | 0.00800 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.64 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0684 | 0.87600 | 0.05400 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.64 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0571 | 0.88100 | 0.00800 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.79 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0226 | 0.88210 | 0.01300 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.82 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0968 | 0.88250 | 0.00500 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.83 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0918 | 0.88380 | 0.00860 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.87 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0227 | 0.88500 | 0.01000 | 0.85386 | 0.03434 | 0.01778 | 21 | 0.91 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0675 | 0.95500 | 0.01000 | 0.85386 | 0.03434 | 0.01778 | 21 | 2.95 | 6% | 0 |
| 138.02 | Valine, Post-col OPA Der (%) | 0098 | 0.86900 | 0.02000 | | | | 1 | | | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0676 | 0.75100 | 0.06800 | 0.83260 | 0.06865 | 0.03120 | 5 | | | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 2188 | 0.77000 | 0.04000 | 0.83260 | 0.06865 | 0.03120 | 5 | | | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 2196 | 0.86100 | 0.00000 | 0.83260 | 0.06865 | 0.03120 | 5 | | | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0626 | 0.87100 | 0.00800 | 0.83260 | 0.06865 | 0.03120 | 5 | | | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0148 | 0.91000 | 0.04000 | 0.83260 | 0.06865 | 0.03120 | 5 | | | 0 |
| 138.99 | Valine, Miscellaneous (%) | 2161 | 0.74100 | 0.00200 | | | | 2 | | | 0 |
| 138.99 | Valine, Miscellaneous (%) | 2146 | 0.82500 | 0.03000 | | | | 2 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 139.00 | Taurine, Post-col Ninhydrin Der (%) | 0504 | 0.17500 | 0.01000 | | | | 1 | | | 0 |
| 139.02 | Taurine, Post-col OPA Der (%) | 0098 | < 0.01 | | | | | 0 | | | 5 |
| 139.99 | Taurine, Miscellaneous (%) | 2161 | 0.00000 | 0.00000 | | | | 0 | | | 4 |
| 142.00 | Threonine Free, LC-PCD (%) | 2161 | 0.85400 | 0.00800 | | | | 1 | | | 0 |
| 150.00 | Phytase, Colorimetric (Units / kg) | 0619 | 1,548.0 | 72.000 | | | | 2 | | | 0 |
| 150.00 | Phytase, Colorimetric (Units / kg) | 0610 | 2,145.0 | 50.000 | | | | 2 | | | 0 |
| 150.99 | Phytase, Miscellaneous (Units / kg) | 0904 | 1,850.0 | 260.00 | 2,872.3 | 1,150.5 | 130.50 | 4 | | | 0 |
| 150.99 | Phytase, Miscellaneous (Units / kg) | 0047 | 2,362.0 | 174.00 | 2,872.3 | 1,150.5 | 130.50 | 4 | | | 0 |
| 150.99 | Phytase, Miscellaneous (Units / kg) | 2022 | 2,775.0 | 30.000 | 2,872.3 | 1,150.5 | 130.50 | 4 | | | 0 |
| 150.99 | Phytase, Miscellaneous (Units / kg) | 0939 | 4,502.0 | 58.000 | 2,872.3 | 1,150.5 | 130.50 | 4 | | | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0619 | 0.11700 | 0.00200 | | | | 3 | | | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0227 | 0.28500 | 0.01000 | | | | 3 | | | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0861 | 0.30000 | 0.00000 | | | | 3 | | | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0148 | 0.41000 | 0.08000 | | | | 3 | | | 1 |
| 162.99 | Glucose, Miscellaneous (%) | 0619 | 0.14150 | 0.00100 | | | | 3 | | | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0227 | 0.22000 | 0.00000 | | | | 3 | | | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0148 | 0.28000 | 0.08000 | | | | 3 | | | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0861 | 0.00000 | 0.00000 | | | | 3 | | | 4 |
| 163.99 | Lactose, Miscellaneous (%) | 0227 | 1.0750 | 0.01000 | 1.2200 | 0.13681 | 0.01500 | 4 | | | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0148 | 1.1700 | 0.04000 | 1.2200 | 0.13681 | 0.01500 | 4 | | | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0619 | 1.2350 | 0.01000 | 1.2200 | 0.13681 | 0.01500 | 4 | | | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0861 | 1.4000 | 0.00000 | 1.2200 | 0.13681 | 0.01500 | 4 | | | 0 |
| 164.99 | Maltose, Miscellaneous (%) | 0148 | 0.00000 | 0.00000 | | | | 0 | | | 4 |
| 164.99 | Maltose, Miscellaneous (%) | 0861 | 0.00000 | 0.00000 | | | | 0 | | | 4 |
| 164.99 | Maltose, Miscellaneous (%) | 0227 | < 0.15 | | | | | 0 | | | 5 |
| 165.99 | Sucrose, Miscellaneous (%) | 0148 | 3.0050 | 0.01000 | 3.0713 | 0.07227 | 0.07250 | 4 | | | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0227 | 3.0150 | 0.15000 | 3.0713 | 0.07227 | 0.07250 | 4 | | | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0619 | 3.1150 | 0.03000 | 3.0713 | 0.07227 | 0.07250 | 4 | | | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0861 | 3.1500 | 0.10000 | 3.0713 | 0.07227 | 0.07250 | 4 | | | 0 |
| 166.99 | Raffinose, Miscellaneous (%) | 0227 | 0.36500 | 0.01000 | | | | 2 | | | 0 |
| 166.99 | Raffinose, Miscellaneous (%) | 0619 | 0.46850 | 0.00300 | | | | 2 | | | 0 |
| 167.99 | Stachyose, Miscellaneous (%) | 0227 | 1.2800 | 0.00000 | | | | 2 | | | 0 |
| 167.99 | Stachyose, Miscellaneous (%) | 0619 | 1.4900 | 0.02000 | | | | 2 | | | 0 |
| 348.01 | Bacitracin, Plate, methanol extraction (mg/kg (ppm)) | 0964 | 69.655 | 19.996 | | | | 1 | | | 0 |
| 350.01 | Carbadox, LC (UV or FL) (mg/kg (ppm)) | 0043 | 20.445 | 0.89000 | 22.981 | 2.2959 | 0.50975 | 4 | | | 0 |
| 350.01 | Carbadox, LC (UV or FL) (mg/kg (ppm)) | 0027 | 22.278 | 0.14900 | 22.981 | 2.2959 | 0.50975 | 4 | | | 0 |
| 350.01 | Carbadox, LC (UV or FL) (mg/kg (ppm)) | 0001 | 23.250 | 0.90000 | 22.981 | 2.2959 | 0.50975 | 4 | | | 0 |
| 350.01 | Carbadox, LC (UV or FL) (mg/kg (ppm)) | 0036 | 25.950 | 0.10000 | 22.981 | 2.2959 | 0.50975 | 4 | | | 0 |
| 350.01 | Carbadox, LC (UV or FL) (mg/kg (ppm)) | 0038 | 23.120 | 5.0200 | 22.981 | 2.2959 | 0.50975 | 4 | | | 1 |
| 350.02 | Carbadox, LC-MS (mg/kg (ppm)) | 2053 | 25.000 | 0.00000 | | | | 1 | | | 0 |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0043 | 73.300 | 1.0000 | 79.253 | 3.5840 | 4.1872 | 6 | -1.66 | 4% | 0 |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0218 | 78.825 | 4.4086 | 79.253 | 3.5840 | 4.1872 | 6 | -0.12 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT | Threshold | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | Z Score | %RSD | |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0511 | 79.000 | 8.0000 | 79.253 | 3.5840 | 4.1872 | 6 | -0.07 | 0% | 0 |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0035 | 79.475 | 4.5100 | 79.253 | 3.5840 | 4.1872 | 6 | 0.06 | 0% | 0 |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0964 | 80.805 | 5.4344 | 79.253 | 3.5840 | 4.1872 | 6 | 0.43 | 1% | 0 |
| 351.00 | Chlortetracycline, Plate (mg/kg (ppm)) | 0027 | 83.535 | 1.7700 | 79.253 | 3.5840 | 4.1872 | 6 | 1.19 | 3% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0009 | 61.185 | 0.01000 | 80.076 | 14.501 | 5.8900 | 9 | -1.30 | 12% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0910 | 63.500 | 5.0000 | 80.076 | 14.501 | 5.8900 | 9 | -1.14 | 10% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0038 | 74.150 | 22.700 | 80.076 | 14.501 | 5.8900 | 9 | -0.41 | 4% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0917 | 78.950 | 8.9000 | 80.076 | 14.501 | 5.8900 | 9 | -0.08 | 1% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0032 | 79.950 | 0.90000 | 80.076 | 14.501 | 5.8900 | 9 | -0.01 | 0% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0036 | 84.100 | 0.80000 | 80.076 | 14.501 | 5.8900 | 9 | 0.28 | 3% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0001 | 84.800 | 4.2000 | 80.076 | 14.501 | 5.8900 | 9 | 0.33 | 3% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0033 | 93.350 | 1.5000 | 80.076 | 14.501 | 5.8900 | 9 | 0.92 | 8% | 0 |
| 351.03 | Chlortetracycline, LC (UV or FL) (mg/kg (ppm)) | 0010 | 100.70 | 9.0000 | 80.076 | 14.501 | 5.8900 | 9 | 1.42 | 13% | 0 |
| 351.04 | Chlortetracycline, LC-MS (mg/kg (ppm)) | 2053 | 70.500 | 1.0000 | | | | 1 | | | 0 |
| 351.05 | Chlortetracycline, LC-MS/MS (mg/kg (ppm)) | 2127 | 50.250 | 3.5000 | | | | 1 | | | 0 |
| 377.01 | Pyrantel Tartrate, LC (UV or FL) (mg/kg (ppm)) | 0027 | 46.526 | 0.05300 | | | | 2 | | | 0 |
| 377.01 | Pyrantel Tartrate, LC (UV or FL) (mg/kg (ppm)) | 0038 | 53.320 | 17.740 | | | | 2 | | | 0 |
| 377.02 | Pyrantel Tartrate, LC-MS (mg/kg (ppm)) | 2053 | 44.500 | 3.0000 | | | | 1 | | | 0 |
| 382.00 | Sulfamethazine, Spectrophotometer (mg/kg (ppm)) | 0043 | 75.500 | 11.000 | | | | 2 | | | 0 |
| 382.00 | Sulfamethazine, Spectrophotometer (mg/kg (ppm)) | 0035 | 86.720 | 0.50000 | | | | 2 | | | 0 |
| 382.01 | Sulfamethazine, LC (mg/kg (ppm)) | 0019 | 61.950 | 59.900 | | | | 3 | | | 0 |
| 382.01 | Sulfamethazine, LC (mg/kg (ppm)) | 0001 | 80.900 | 1.0000 | | | | 3 | | | 0 |
| 382.01 | Sulfamethazine, LC (mg/kg (ppm)) | 0032 | 84.450 | 1.1000 | | | | 3 | | | 0 |
| 382.02 | Sulfamethazine, LC-PCD (mg/kg (ppm)) | 0027 | 80.831 | 3.0830 | | | | 2 | | | 0 |
| 382.02 | Sulfamethazine, LC-PCD (mg/kg (ppm)) | 0218 | 86.597 | 0.70800 | | | | 2 | | | 0 |
| 382.03 | Sulfamethazine, LC-MS (mg/kg (ppm)) | 0038 | 89.700 | 16.600 | | | | 1 | | | 0 |
| 386.00 | Tiamulin, LC (mg/kg (ppm)) | 0027 | 93.165 | 2.3740 | 145.89 | 36.100 | 9.8728 | 5 | | | 0 |
| 386.00 | Tiamulin, LC (mg/kg (ppm)) | 0668 | 140.18 | 13.980 | 145.89 | 36.100 | 9.8728 | 5 | | | 0 |
| 386.00 | Tiamulin, LC (mg/kg (ppm)) | 0218 | 144.74 | 6.9100 | 145.89 | 36.100 | 9.8728 | 5 | | | 0 |
| 386.00 | Tiamulin, LC (mg/kg (ppm)) | 0001 | 158.00 | 10.000 | 145.89 | 36.100 | 9.8728 | 5 | | | 0 |
| 386.00 | Tiamulin, LC (mg/kg (ppm)) | 0910 | 193.35 | 16.100 | 145.89 | 36.100 | 9.8728 | 5 | | | 0 |
| 386.01 | Tiamulin, LC-MS (mg/kg (ppm)) | 2053 | 141.00 | 4.0000 | | | | 1 | | | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 0942 | 0.48000 | 0.00000 | 0.50869 | 0.03027 | 0.00136 | 7 | -0.95 | 3% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 0407 | 0.48980 | 0.00160 | 0.50869 | 0.03027 | 0.00136 | 7 | -0.62 | 2% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 0589 | 0.49050 | 0.00100 | 0.50869 | 0.03027 | 0.00136 | 7 | -0.60 | 2% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 0843 | 0.49260 | 0.00020 | 0.50869 | 0.03027 | 0.00136 | 7 | -0.53 | 2% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 2181 | 0.52270 | 0.00300 | 0.50869 | 0.03027 | 0.00136 | 7 | 0.46 | 1% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 2109 | 0.54075 | 0.00270 | 0.50869 | 0.03027 | 0.00136 | 7 | 1.06 | 3% | 0 |
| 400.01 | Water Activity, Aqualab chilled mirror (Units) | 2009 | 0.54450 | 0.00100 | 0.50869 | 0.03027 | 0.00136 | 7 | 1.18 | 4% | 0 |
| 400.99 | Water Activity, Miscellaneous (Units) | 2073 | 0.49050 | 0.00300 | | | | 2 | | | 0 |
| 400.99 | Water Activity, Miscellaneous (Units) | 0843 | 0.49350 | 0.00700 | | | | 2 | | | 0 |
| 412.01 | Starch, Dietary, Enzymatic-Colorimetric (%) | 2129 | 29.165 | 3.5300 | | | | 2 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 412.01 | Starch, Dietary, Enzymatic-Colorimetric (%) | 0353 | 30.290 | 0.02000 | | | | 2 | | | 0 |
| 516.00 | Arsenic, Total, AA, Hydride (mg / kg (ppm)) | 0045 | 0.39600 | 0.01600 | | | | 2 | | | 0 |
| 516.00 | Arsenic, Total, AA, Hydride (mg / kg (ppm)) | 0171 | 2.1300 | 0.30000 | | | | 2 | | | 0 |
| 516.43 | Arsenic, Total, ICP, Microwave (mg / kg (ppm)) | 0508 | 0.90765 | 0.01590 | | | | 1 | | | 0 |
| 516.52 | Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 0.43650 | 0.00700 | | | | 3 | | | 0 |
| 516.52 | Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 0.46565 | 0.00610 | | | | 3 | | | 0 |
| 516.52 | Arsenic, Total, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 0.47500 | 0.03000 | | | | 3 | | | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 0.33600 | 0.01000 | 0.49431 | 0.11019 | 0.00758 | 6 | -1.44 | 16% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0227 | 0.44800 | 0.01400 | 0.49431 | 0.11019 | 0.00758 | 6 | -0.42 | 5% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 0.48550 | 0.00100 | 0.49431 | 0.11019 | 0.00758 | 6 | -0.08 | 1% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0941 | 0.51000 | 0.00000 | 0.49431 | 0.11019 | 0.00758 | 6 | 0.14 | 2% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 2012 | 0.58500 | 0.01000 | 0.49431 | 0.11019 | 0.00758 | 6 | 0.82 | 9% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 0.60135 | 0.01050 | 0.49431 | 0.11019 | 0.00758 | 6 | 0.97 | 11% | 0 |
| 516.53 | Arsenic, Total, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 0.59400 | 0.08200 | 0.49431 | 0.11019 | 0.00758 | 6 | 0.90 | 10% | 1 |
| 518.41 | Cadmium, ICP, Dry ash (mg / kg (ppm)) | 0171 | 0.25200 | 0.01200 | | | | 1 | | | 0 |
| 518.52 | Cadmium, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 0.25000 | 0.00000 | | | | 3 | | | 0 |
| 518.52 | Cadmium, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 0.26650 | 0.01900 | | | | 3 | | | 0 |
| 518.52 | Cadmium, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 0.27270 | 0.00060 | | | | 3 | | | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 0.19850 | 0.00900 | 0.27818 | 0.02660 | 0.01187 | 7 | -3.00 | 14% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 0.26250 | 0.00500 | 0.27818 | 0.02660 | 0.01187 | 7 | -0.59 | 3% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 0.27245 | 0.02710 | 0.27818 | 0.02660 | 0.01187 | 7 | -0.22 | 1% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0941 | 0.28000 | 0.00000 | 0.27818 | 0.02660 | 0.01187 | 7 | 0.07 | 0% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0227 | 0.28800 | 0.01200 | 0.27818 | 0.02660 | 0.01187 | 7 | 0.37 | 2% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 0.29600 | 0.03000 | 0.27818 | 0.02660 | 0.01187 | 7 | 0.67 | 3% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (mg / kg (ppm)) | 2012 | 0.31000 | 0.00000 | 0.27818 | 0.02660 | 0.01187 | 7 | 1.20 | 6% | 0 |
| 520.41 | Chromium, ICP, Dry ash (mg / kg (ppm)) | 0171 | 5.7510 | 0.14400 | | | | 1 | | | 0 |
| 520.42 | Chromium, ICP, Open vessel (mg / kg (ppm)) | 0693 | 5.9780 | 0.68800 | | | | 3 | | | 0 |
| 520.42 | Chromium, ICP, Open vessel (mg / kg (ppm)) | 0045 | 7.9000 | 1.6000 | | | | 3 | | | 0 |
| 520.42 | Chromium, ICP, Open vessel (mg / kg (ppm)) | 2053 | 8.7000 | 0.74000 | | | | 3 | | | 0 |
| 520.43 | Chromium, ICP, Microwave (mg / kg (ppm)) | 0508 | 7.1046 | 0.26630 | | | | 2 | | | 0 |
| 520.43 | Chromium, ICP, Microwave (mg / kg (ppm)) | 0510 | 7.9950 | 0.15000 | | | | 2 | | | 0 |
| 520.52 | Chromium, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 4.4650 | 0.11000 | | | | 2 | | | 0 |
| 520.52 | Chromium, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 6.3841 | 0.72480 | | | | 2 | | | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 3.9120 | 0.03800 | | | | 3 | | | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 5.0725 | 0.09490 | | | | 3 | | | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 6.4400 | 0.08000 | | | | 3 | | | 0 |
| 526.41 | Lead, ICP, Dry ash (mg / kg (ppm)) | 0171 | 0.58550 | 0.02300 | | | | 1 | | | 0 |
| 526.52 | Lead, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 0.32470 | 0.00260 | | | | 3 | | | 0 |
| 526.52 | Lead, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 0.34000 | 0.01800 | | | | 3 | | | 0 |
| 526.52 | Lead, ICP-MS, Open vessel (mg / kg (ppm)) | 0910 | 0.37000 | 0.00000 | | | | 3 | | | 0 |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0199 | 0.26400 | 0.00600 | 0.31376 | 0.02994 | 0.01264 | 5 | | | 0 |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0941 | 0.31000 | 0.00000 | 0.31376 | 0.02994 | 0.01264 | 5 | | | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|---|----------|----------|---------|---------------|-----------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 0.32200 | 0.00400 | 0.31376 | 0.02994 | 0.01264 | 5 | | 0 | |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0098 | 0.33550 | 0.03900 | 0.31376 | 0.02994 | 0.01264 | 5 | | 0 | |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 0.33730 | 0.01420 | 0.31376 | 0.02994 | 0.01264 | 5 | | 0 | |
| 526.53 | Lead, ICP-MS, Microwave (mg / kg (ppm)) | 0227 | 0.38900 | 0.15400 | 0.31376 | 0.02994 | 0.01264 | 5 | | 1 | |
| 529.99 | Mercury, Miscellaneous (µg / kg (ppb)) | 0941 | 2.5000 | 0.00000 | | | | 3 | | 0 | |
| 529.99 | Mercury, Miscellaneous (µg / kg (ppb)) | 2012 | 5.4150 | 0.27000 | | | | 3 | | 0 | |
| 529.99 | Mercury, Miscellaneous (µg / kg (ppb)) | 0199 | 8.3450 | 1.2700 | | | | 3 | | 0 | |
| 539.42 | Nickel, ICP, Open vessel (mg / kg (ppm)) | 2053 | 4.6750 | 0.11000 | | | | 1 | | 0 | |
| 539.43 | Nickel, ICP, Microwave (mg / kg (ppm)) | 0508 | 3.5420 | 0.04170 | | | | 1 | | 0 | |
| 539.52 | Nickel, ICP-MS, Open vessel (mg / kg (ppm)) | 0186 | 3.0250 | 0.03000 | | | | 2 | | 0 | |
| 539.52 | Nickel, ICP-MS, Open vessel (mg / kg (ppm)) | 0096 | 3.9495 | 0.37880 | | | | 2 | | 0 | |
| 539.53 | Nickel, ICP-MS, Microwave (mg / kg (ppm)) | 0941 | 3.3000 | 0.00000 | | | | 3 | | 0 | |
| 539.53 | Nickel, ICP-MS, Microwave (mg / kg (ppm)) | 0553 | 3.9000 | 0.10000 | | | | 3 | | 0 | |
| 539.53 | Nickel, ICP-MS, Microwave (mg / kg (ppm)) | 0918 | 4.1003 | 0.01780 | | | | 3 | | 0 | |
| 702.00 | Butyric Acid (4:0), Miscellaneous GC (%) | 0619 | 0.00150 | 0.00100 | | | | 1 | | 0 | |
| 702.00 | Butyric Acid (4:0), Miscellaneous GC (%) | 2161 | < 0.01 | | | | | 1 | | 5 | |
| 703.00 | Valeric Acid (5:0), Miscellaneous GC (%) | 2161 | < 0.01 | | | | | 0 | | 5 | |
| 704.00 | Caproic Acid (6:0) , Miscellaneous GC (%) | 0619 | 0.00200 | 0.00000 | | | | 2 | | 0 | |
| 704.00 | Caproic Acid (6:0) , Miscellaneous GC (%) | 2161 | 0.06000 | 0.00000 | | | | 2 | | 0 | |
| 706.01 | Caprylic acid (8:0), Direct Methylation by Alkali Hydrolysis | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 706.99 | Caprylic acid (8:0), Miscellaneous (%) (w/w) | 2161 | 0.00010 | 0.00000 | | | | 1 | | 0 | |
| 708.01 | Capric acid (10:0), Direct Methylation by Alkali Hydrolysis | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 710.01 | Lauric Acid (12:0), Direct Methylation by Alkali Hydrolysis | 0619 | 0.01700 | 0.00000 | | | | 1 | | 0 | |
| 710.99 | Lauric Acid (12:0), Miscellaneous (%) (w/w) | 2161 | 0.00020 | 0.00000 | | | | 3 | | 0 | |
| 710.99 | Lauric Acid (12:0), Miscellaneous (%) (w/w) | 0676 | 0.00100 | 0.00000 | | | | 3 | | 0 | |
| 710.99 | Lauric Acid (12:0), Miscellaneous (%) (w/w) | 0226 | 0.00205 | 0.00010 | | | | 3 | | 0 | |
| 714.01 | Myristic Acid (14:0) , Direct Methylation by Alkali Hydrolysi | 0619 | 0.01900 | 0.00000 | | | | 1 | | 0 | |
| 714.99 | Myristic Acid (14:0) , Miscellaneous (%) (w/w) | 2161 | 0.00290 | 0.00000 | | | | 2 | | 0 | |
| 714.99 | Myristic Acid (14:0) , Miscellaneous (%) (w/w) | 0226 | 0.01635 | 0.00130 | | | | 2 | | 0 | |
| 716.01 | Palmitic Acid (16:0), Direct Methylation by Alkali Hydrolysi: | 0619 | 0.48000 | 0.01400 | | | | 1 | | 0 | |
| 716.99 | Palmitic Acid (16:0), Miscellaneous (%) (w/w) | 2161 | 0.09195 | 0.00010 | | | | 2 | | 0 | |
| 716.99 | Palmitic Acid (16:0), Miscellaneous (%) (w/w) | 0226 | 0.65165 | 0.05250 | | | | 2 | | 0 | |
| 718.01 | Palmitoleic Acid (9c-16:1), Direct Methylation by Alkali Hyc | 0619 | 0.02450 | 0.00100 | | | | 1 | | 0 | |
| 718.99 | Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w) | 2161 | 0.00460 | 0.00000 | | | | 3 | | 0 | |
| 718.99 | Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w) | 0226 | 0.02455 | 0.00210 | | | | 3 | | 0 | |
| 718.99 | Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w) | 0676 | 0.02800 | 0.00400 | | | | 3 | | 0 | |
| 720.99 | Margaric acid (17:0), Miscellaneous (%) (w/w) | 2161 | 0.00100 | 0.00000 | | | | 1 | | 0 | |
| 722.01 | Stearic Acid (18:0), Direct Methylation by Alkali Hydrolysis | 0619 | 0.09000 | 0.00200 | | | | 1 | | 0 | |
| 722.99 | Stearic Acid (18:0), Miscellaneous (%) (w/w) | 2161 | 0.02600 | 0.00000 | | | | 2 | | 0 | |
| 722.99 | Stearic Acid (18:0), Miscellaneous (%) (w/w) | 0226 | 0.16005 | 0.01650 | | | | 2 | | 0 | |
| 724.01 | Oleic Acid (9c-18:1), Direct Methylation by Alkali Hydrolysi | 0619 | 0.89250 | 0.01700 | | | | 1 | | 0 | |
| 724.99 | Oleic Acid (9c-18:1), Miscellaneous (%) (w/w) | 2161 | 0.17820 | 0.00000 | | | | 2 | | 0 | |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|-------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 724.99 | Oleic Acid (9c-18:1), Miscellaneous (% (w/w)) | 0226 | 0.99280 | 0.09880 | | | | 2 | | 0 | |
| 726.01 | Linoleic Acid (9c,12c-18:2), Direct Methylation by Alkali Hy | 0619 | 1.7100 | 0.02000 | | | | 1 | | 0 | |
| 726.99 | Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w)) | 2161 | 0.25695 | 0.00010 | | | | 3 | | 0 | |
| 726.99 | Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w)) | 0676 | 1.5985 | 0.07100 | | | | 3 | | 0 | |
| 726.99 | Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w)) | 0226 | 1.6665 | 0.13210 | | | | 3 | | 0 | |
| 728.01 | alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation | 0619 | 0.07150 | 0.00100 | | | | 1 | | 0 | |
| 728.99 | alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% | 2161 | 0.01610 | 0.00000 | | | | 3 | | 0 | |
| 728.99 | alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% | 0226 | 0.11395 | 0.00690 | | | | 3 | | 0 | |
| 728.99 | alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% | 0676 | 0.11850 | 0.00300 | | | | 3 | | 0 | |
| 730.01 | Arachidic Acid (20:0), Direct Methylation by Alkali Hydrolysis | 0619 | 0.01900 | 0.00000 | | | | 1 | | 0 | |
| 730.99 | Arachidic Acid (20:0), Miscellaneous (% (w/w)) | 2161 | 0.00250 | 0.00000 | | | | 2 | | 0 | |
| 730.99 | Arachidic Acid (20:0), Miscellaneous (% (w/w)) | 0226 | 0.01340 | 0.00140 | | | | 2 | | 0 | |
| 732.01 | Gondoic Acid (11c-20:1), Direct Methylation by Alkali Hydr | 0619 | 0.01950 | 0.00100 | | | | 1 | | 0 | |
| 732.99 | Gondoic Acid (11c-20:1), Miscellaneous (% (w/w)) | 2161 | 0.00295 | 0.00010 | | | | 2 | | 0 | |
| 732.99 | Gondoic Acid (11c-20:1), Miscellaneous (% (w/w)) | 0226 | 0.01395 | 0.00290 | | | | 2 | | 0 | |
| 736.01 | Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Methylation | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 736.99 | Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% | 0676 | 0.00150 | 0.00100 | | | | 1 | | 0 | |
| 738.01 | Mead Acid (11c,14c,17c-20:3), Direct Methylation by Alkal | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 738.99 | Mead Acid (11c,14c,17c-20:3), Miscellaneous (% (w/w)) | 2161 | 0.00020 | 0.00000 | | | | 1 | | 0 | |
| 740.01 | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Dir | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 740.99 | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis | 2161 | 0.00060 | 0.00000 | | | | 2 | | 0 | |
| 740.99 | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis | 0676 | 0.00200 | 0.00000 | | | | 2 | | 0 | |
| 740.99 | Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis | 0226 | 0.00000 | 0.00000 | | | | 2 | | 4 | |
| 742.99 | Behenic Acid (22:0), Miscellaneous (% (w/w)) | 2161 | 0.00120 | 0.00000 | | | | 2 | | 0 | |
| 742.99 | Behenic Acid (22:0), Miscellaneous (% (w/w)) | 0226 | 0.00940 | 0.00100 | | | | 2 | | 0 | |
| 744.01 | Erucic Acid (13c-22:1), Direct Methylation by Alkali Hydroly | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 744.99 | Erucic Acid (13c-22:1), Miscellaneous (% (w/w)) | 2161 | 0.00020 | 0.00000 | | | | 1 | | 0 | |
| 744.99 | Erucic Acid (13c-22:1), Miscellaneous (% (w/w)) | 0226 | 0.00000 | 0.00000 | | | | 1 | | 4 | |
| 746.01 | Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 746.99 | Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) | 2161 | 0.00010 | 0.00000 | | | | 1 | | 0 | |
| 746.99 | Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) | 0226 | 0.00000 | 0.00000 | | | | 1 | | 4 | |
| 746.99 | Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5) | 0676 | 0.00000 | 0.00000 | | | | 1 | | 4 | |
| 748.99 | Lignoceric Acid (24:0), Miscellaneous (% (w/w)) | 2161 | 0.00110 | 0.00000 | | | | 2 | | 0 | |
| 748.99 | Lignoceric Acid (24:0), Miscellaneous (% (w/w)) | 0226 | 0.00830 | 0.00100 | | | | 2 | | 0 | |
| 750.01 | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 750.99 | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) | 2161 | 0.00030 | 0.00000 | | | | 2 | | 0 | |
| 750.99 | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) | 0676 | 0.00150 | 0.00100 | | | | 2 | | 0 | |
| 750.99 | Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6) | 0226 | 0.00000 | 0.00000 | | | | 2 | | 4 | |
| 752.01 | Nervonic Acid (24:1) isomers, Direct Methylation by Alkali | 0619 | 0.00000 | 0.00000 | | | | 0 | | 4 | |
| 752.99 | Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w)) | 2161 | 0.00020 | 0.00000 | | | | 1 | | 0 | |
| 752.99 | Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w)) | 0226 | 0.00000 | 0.00000 | | | | 1 | | 4 | |
| 754.99 | Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscell | 0676 | 0.12000 | 0.00000 | | | | 1 | | 0 | |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO PT Z Score | Threshold %RSD | Flag |
|-------------|--|----------|----------|---------|---------------|-----------|-------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Robust SD | R-bar | # Labs | | | |
| 756.99 | Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous | 0676 | 1.6050 | 0.07000 | | | | 1 | | 0 | |
| 770.99 | Total Fat (equivalent to NLEA), Miscellaneous (% (w/w)) | 2161 | 0.55000 | 0.10000 | | | | 1 | | 0 | |
| 772.99 | Total Fatty Acids, Miscellaneous (% (w/w)) | 0226 | 3.7382 | 0.32160 | | | | 1 | | 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.