

AAFCO Check Sample Program
All Labs and All Methods Report
Sort by Method
Proficiency For Individual Methods
Sample # 201331
Cattle grower, Medicated



AAFCO
CHECK SAMPLE PROGRAM

Robust statistics not used if < 6 labs reporting, in this case the Z Scores are included for information only (Grey).

Issue Date : 12/31/2013

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 000.02 | Urea, As protein, Colorimetric (%) | 0278 | 0.30000 | 0.00000 | | | 0.00000 | 1 | | | |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 2048 | 7.5045 | 0.02100 | 8.5880 | 0.31773 | 0.04229 | 7 | -3.41 | 6% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0615 | 7.6500 | 0.06000 | 8.5880 | 0.31773 | 0.04229 | 7 | -2.95 | 5% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0309 | 8.2950 | 0.03000 | 8.5880 | 0.31773 | 0.04229 | 7 | -0.92 | 2% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0027 | 8.7085 | 0.01500 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.38 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0169 | 8.8100 | 0.06000 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.70 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0504 | 8.8200 | 0.06000 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.73 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0788 | 8.8950 | 0.05000 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.97 | 2% | 0 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0596 | 8.7100 | 0.18000 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.38 | 1% | 1 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0787 | 8.8800 | 0.04000 | 8.5880 | 0.31773 | 0.04229 | 7 | 0.92 | 2% | 8 |
| 001.00 | Loss on Drying, Vac 95 °C 5 hr (%) | 0786 | 9.0600 | 0.02000 | 8.5880 | 0.31773 | 0.04229 | 7 | 1.49 | 3% | 8 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0938 | 8.5550 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | -3.57 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 2042 | 8.6450 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | -2.22 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0891 | 8.6827 | 0.00990 | 8.7935 | 0.06680 | 0.02159 | 14 | -1.66 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0868 | 8.7550 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | -0.58 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0895 | 8.7700 | 0.02000 | 8.7935 | 0.06680 | 0.02159 | 14 | -0.35 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 2028 | 8.7750 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | -0.28 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0894 | 8.7950 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.02 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0619 | 8.8000 | 0.00000 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.10 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0893 | 8.8050 | 0.01000 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.17 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0878 | 8.8250 | 0.07000 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.47 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 2027 | 8.8328 | 0.04240 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.59 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0887 | 8.8500 | 0.02000 | 8.7935 | 0.06680 | 0.02159 | 14 | 0.85 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0882 | 9.8200 | 0.08000 | 8.7935 | 0.06680 | 0.02159 | 14 | 15.37 | 6% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (%) | 0186 | 10.300 | 0.00000 | 8.7935 | 0.06680 | 0.02159 | 14 | 22.55 | 9% | 0 |
| 001.05 | Loss on Drying, LECO (%) | 0610 | 8.4750 | 0.11000 | | | 0.11000 | 1 | | | |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0038 | 7.4800 | 0.26000 | 8.5719 | 0.23626 | 0.11017 | 35 | -4.62 | 6% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0278 | 7.6250 | 0.01000 | 8.5719 | 0.23626 | 0.11017 | 35 | -4.01 | 6% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0015 | 8.0300 | 0.26000 | 8.5719 | 0.23626 | 0.11017 | 35 | -2.29 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0089 | 8.2700 | 0.00000 | 8.5719 | 0.23626 | 0.11017 | 35 | -1.28 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0413 | 8.3000 | 0.00000 | 8.5719 | 0.23626 | 0.11017 | 35 | -1.15 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0609 | 8.3000 | 0.20000 | 8.5719 | 0.23626 | 0.11017 | 35 | -1.15 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0297 | 8.3200 | 0.06000 | 8.5719 | 0.23626 | 0.11017 | 35 | -1.07 | 1% | 0 |

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|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0074 | 8.4150 | 0.47000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.66 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0083 | 8.4300 | 0.08000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.60 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0675 | 8.4450 | 0.09000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.54 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0178 | 8.4550 | 0.23000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.49 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0035 | 8.4750 | 0.09000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.41 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0896 | 8.4850 | 0.01000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.37 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0918 | 8.4850 | 0.17000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.37 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0843 | 8.5200 | 0.12000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.22 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0065 | 8.5280 | 0.00400 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.19 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0049 | 8.5550 | 0.03000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.07 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0683 | 8.5600 | 0.14000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.05 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0913 | 8.6000 | 0.12000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.12 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0171 | 8.6000 | 0.10000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.12 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0353 | 8.6200 | 0.38000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.20 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0592 | 8.6250 | 0.11000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.22 | 0% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0607 | 8.6594 | 0.02190 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.37 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0571 | 8.6950 | 0.09000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.52 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0689 | 8.7000 | 0.00000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.54 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0187 | 8.7100 | 0.04000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.58 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0693 | 8.7350 | 0.25000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.69 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0004 | 8.7850 | 0.07000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.90 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0581 | 8.7900 | 0.02000 | 8.5719 | 0.23626 | 0.11017 | 35 | 0.92 | 1% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0139 | 8.8300 | 0.08000 | 8.5719 | 0.23626 | 0.11017 | 35 | 1.09 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0098 | 8.9250 | 0.07000 | 8.5719 | 0.23626 | 0.11017 | 35 | 1.49 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0142 | 9.0000 | 0.00000 | 8.5719 | 0.23626 | 0.11017 | 35 | 1.81 | 2% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0045 | 9.0450 | 0.27000 | 8.5719 | 0.23626 | 0.11017 | 35 | 2.00 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0872 | 9.1250 | 0.01000 | 8.5719 | 0.23626 | 0.11017 | 35 | 2.34 | 3% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0366 | 9.3000 | 0.00000 | 8.5719 | 0.23626 | 0.11017 | 35 | 3.08 | 4% | 0 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0845 | 8.5550 | 0.85000 | 8.5719 | 0.23626 | 0.11017 | 35 | -0.07 | 0% | 1 |
| 001.07 | Loss on Drying, 104°C 3 hr, in malt (%) | 0618 | 5.2800 | 0.04000 | 8.5719 | 0.23626 | 0.11017 | 35 | -13.93 | 19% | 2 |
| 001.08 | Loss on Drying, 102 °C 16 hr, in meat (%) | 0652 | 8.9000 | 0.00000 | 8.9375 | 0.05303 | 0.21500 | 2 | -0.71 | 0% | 0 |
| 001.08 | Loss on Drying, 102 °C 16 hr, in meat (%) | 0337 | 8.9750 | 0.43000 | 8.9375 | 0.05303 | 0.21500 | 2 | 0.71 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0618 | 6.7000 | 0.04000 | 8.7303 | 0.34278 | 0.05606 | 16 | -5.92 | 12% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0510 | 7.9500 | 0.10000 | 8.7303 | 0.34278 | 0.05606 | 16 | -2.28 | 4% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0536 | 8.4500 | 0.16000 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.82 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0948 | 8.5250 | 0.03000 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.60 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0866 | 8.5320 | 0.04400 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.58 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0676 | 8.6285 | 0.02300 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.30 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0951 | 8.6700 | 0.00000 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.18 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0630 | 8.6850 | 0.11000 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.13 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0357 | 8.7100 | 0.02000 | 8.7303 | 0.34278 | 0.05606 | 16 | -0.06 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0629 | 8.7850 | 0.01000 | 8.7303 | 0.34278 | 0.05606 | 16 | 0.16 | 0% | 0 |

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|-------------|------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0720 | 8.7950 | 0.09000 | 8.7303 | 0.34278 | 0.05606 | 16 | 0.19 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0852 | 8.9500 | 0.10000 | 8.7303 | 0.34278 | 0.05606 | 16 | 0.64 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0505 | 9.0000 | 0.04000 | 8.7303 | 0.34278 | 0.05606 | 16 | 0.79 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0619 | 9.1750 | 0.09000 | 8.7303 | 0.34278 | 0.05606 | 16 | 1.30 | 3% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0732 | 9.2500 | 0.02000 | 8.7303 | 0.34278 | 0.05606 | 16 | 1.52 | 3% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0037 | 9.4900 | 0.02000 | 8.7303 | 0.34278 | 0.05606 | 16 | 2.22 | 4% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (%) | 0733 | 9.2550 | 0.05000 | 8.7303 | 0.34278 | 0.05606 | 16 | 1.53 | 3% | 8 |
| 002.00 | Protein, Crude (%) | 0028 | 16.480 | 0.08000 | 16.664 | 0.12970 | 0.59250 | 4 | -1.42 | 1% | 0 |
| 002.00 | Protein, Crude (%) | 0581 | 16.665 | 1.8300 | 16.664 | 0.12970 | 0.59250 | 4 | 0.01 | 0% | 0 |
| 002.00 | Protein, Crude (%) | 0015 | 16.750 | 0.16000 | 16.664 | 0.12970 | 0.59250 | 4 | 0.66 | 0% | 0 |
| 002.00 | Protein, Crude (%) | 0845 | 16.760 | 0.30000 | 16.664 | 0.12970 | 0.59250 | 4 | 0.74 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0848 | 16.140 | 0.02000 | 16.570 | 0.34877 | 0.06727 | 11 | -1.23 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0098 | 16.180 | 0.04000 | 16.570 | 0.34877 | 0.06727 | 11 | -1.12 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0653 | 16.325 | 0.05000 | 16.570 | 0.34877 | 0.06727 | 11 | -0.70 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0968 | 16.341 | 0.02800 | 16.570 | 0.34877 | 0.06727 | 11 | -0.66 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 2023 | 16.455 | 0.03000 | 16.570 | 0.34877 | 0.06727 | 11 | -0.33 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0723 | 16.530 | 0.02000 | 16.570 | 0.34877 | 0.06727 | 11 | -0.11 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0652 | 16.700 | 0.20000 | 16.570 | 0.34877 | 0.06727 | 11 | 0.37 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0610 | 16.800 | 0.00000 | 16.570 | 0.34877 | 0.06727 | 11 | 0.66 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0607 | 16.845 | 0.09000 | 16.570 | 0.34877 | 0.06727 | 11 | 0.79 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0716 | 16.915 | 0.19000 | 16.570 | 0.34877 | 0.06727 | 11 | 0.99 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (%) | 0062 | 17.036 | 0.07200 | 16.570 | 0.34877 | 0.06727 | 11 | 1.34 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0042 | 16.455 | 0.11000 | 16.626 | 0.15550 | 0.09307 | 6 | -1.10 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0036 | 16.518 | 0.13840 | 16.626 | 0.15550 | 0.09307 | 6 | -0.70 | 0% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0066 | 16.570 | 0.08000 | 16.626 | 0.15550 | 0.09307 | 6 | -0.36 | 0% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0152 | 16.650 | 0.10000 | 16.626 | 0.15550 | 0.09307 | 6 | 0.15 | 0% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0169 | 16.770 | 0.00000 | 16.626 | 0.15550 | 0.09307 | 6 | 0.92 | 0% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (%) | 0939 | 16.795 | 0.13000 | 16.626 | 0.15550 | 0.09307 | 6 | 1.09 | 1% | 0 |
| 002.03 | Protein, Hach Method (%) | 0592 | 16.706 | 0.02800 | | | 0.02800 | 1 | | | |
| 002.04 | Protein, Copper Cat (%) | 0187 | 15.710 | 0.02000 | 16.301 | 0.48376 | 0.04500 | 6 | -1.22 | 2% | 0 |
| 002.04 | Protein, Copper Cat (%) | 0405 | 16.010 | 0.00000 | 16.301 | 0.48376 | 0.04500 | 6 | -0.60 | 1% | 0 |
| 002.04 | Protein, Copper Cat (%) | 2057 | 16.160 | 0.04000 | 16.301 | 0.48376 | 0.04500 | 6 | -0.29 | 0% | 0 |
| 002.04 | Protein, Copper Cat (%) | 0728 | 16.375 | 0.15000 | 16.301 | 0.48376 | 0.04500 | 6 | 0.15 | 0% | 0 |
| 002.04 | Protein, Copper Cat (%) | 0504 | 16.750 | 0.06000 | 16.301 | 0.48376 | 0.04500 | 6 | 0.93 | 1% | 0 |
| 002.04 | Protein, Copper Cat (%) | 0874 | 16.800 | 0.00000 | 16.301 | 0.48376 | 0.04500 | 6 | 1.03 | 2% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0722 | 14.999 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | -9.11 | 5% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0194 | 15.995 | 0.03000 | 16.515 | 0.16633 | 0.04242 | 38 | -3.13 | 2% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0955 | 16.000 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | -3.10 | 2% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0622 | 16.119 | 0.10080 | 16.515 | 0.16633 | 0.04242 | 38 | -2.38 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0039 | 16.293 | 0.04530 | 16.515 | 0.16633 | 0.04242 | 38 | -1.33 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2006 | 16.295 | 0.13000 | 16.515 | 0.16633 | 0.04242 | 38 | -1.32 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2048 | 16.301 | 0.08100 | 16.515 | 0.16633 | 0.04242 | 38 | -1.29 | 1% | 0 |

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|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.05 | Protein, Copper, Boric Acid (%) | 0941 | 16.360 | 0.02000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.93 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0552 | 16.380 | 0.10000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.81 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0651 | 16.403 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.67 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0675 | 16.420 | 0.02000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.57 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0938 | 16.430 | 0.04000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.51 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0354 | 16.435 | 0.03000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.48 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0683 | 16.440 | 0.22000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.45 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0878 | 16.465 | 0.15000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.30 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0966 | 16.470 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.27 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2009 | 16.472 | 0.03280 | 16.515 | 0.16633 | 0.04242 | 38 | -0.26 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0199 | 16.500 | 0.20000 | 16.515 | 0.16633 | 0.04242 | 38 | -0.09 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0939 | 16.550 | 0.06000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.21 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0893 | 16.555 | 0.01000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.24 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0891 | 16.570 | 0.01210 | 16.515 | 0.16633 | 0.04242 | 38 | 0.33 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2022 | 16.590 | 0.02000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.45 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0658 | 16.599 | 0.01170 | 16.515 | 0.16633 | 0.04242 | 38 | 0.51 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0619 | 16.600 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.51 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0951 | 16.600 | 0.04000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.51 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2042 | 16.600 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.51 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0620 | 16.611 | 0.02820 | 16.515 | 0.16633 | 0.04242 | 38 | 0.58 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0887 | 16.625 | 0.01000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.66 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0895 | 16.630 | 0.02000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.69 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 2027 | 16.636 | 0.00010 | 16.515 | 0.16633 | 0.04242 | 38 | 0.73 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0894 | 16.655 | 0.01000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.84 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0674 | 16.670 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.93 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0852 | 16.680 | 0.08000 | 16.515 | 0.16633 | 0.04242 | 38 | 0.99 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0952 | 16.685 | 0.03000 | 16.515 | 0.16633 | 0.04242 | 38 | 1.02 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0885 | 16.690 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | 1.05 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0178 | 16.705 | 0.01000 | 16.515 | 0.16633 | 0.04242 | 38 | 1.14 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0948 | 16.725 | 0.07000 | 16.515 | 0.16633 | 0.04242 | 38 | 1.26 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0868 | 16.870 | 0.00000 | 16.515 | 0.16633 | 0.04242 | 38 | 2.13 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (%) | 0689 | 16.250 | 0.30000 | 16.515 | 0.16633 | 0.04242 | 38 | -1.59 | 1% | 1 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0098 | 16.050 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -2.75 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0647 | 16.050 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -2.75 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0006 | 16.064 | 0.21500 | 16.765 | 0.26027 | 0.12548 | 147 | -2.69 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0598 | 16.120 | 0.52000 | 16.765 | 0.26027 | 0.12548 | 147 | -2.48 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0510 | 16.250 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.98 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0106 | 16.260 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.94 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2034 | 16.325 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.69 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0242 | 16.350 | 0.28000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.59 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0955 | 16.350 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.59 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0011 | 16.370 | 0.46000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.52 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0720 | 16.395 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.42 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0171 | 16.400 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.40 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0144 | 16.415 | 0.27000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.34 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0108 | 16.425 | 0.21000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.31 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0589 | 16.435 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.27 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0676 | 16.438 | 0.46300 | 16.765 | 0.26027 | 0.12548 | 147 | -1.26 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0539 | 16.440 | 0.18000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.25 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0674 | 16.450 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.21 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0818 | 16.450 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.21 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0956 | 16.450 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.21 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0010 | 16.450 | 0.30000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.21 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0505 | 16.465 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.15 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0100 | 16.480 | 0.12000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.09 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0884 | 16.480 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.09 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0205 | 16.485 | 0.13000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.08 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0618 | 16.500 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.02 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0026 | 16.515 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.96 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2023 | 16.515 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.96 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0008 | 16.520 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.94 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0074 | 16.545 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.84 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0051 | 16.550 | 0.30000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.83 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0626 | 16.551 | 0.00500 | 16.765 | 0.26027 | 0.12548 | 147 | -0.82 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0035 | 16.570 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.75 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0770 | 16.570 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.75 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0001 | 16.590 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.67 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0357 | 16.595 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.65 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0138 | 16.598 | 0.20400 | 16.765 | 0.26027 | 0.12548 | 147 | -0.64 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0366 | 16.600 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0202 | 16.620 | 0.14000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.56 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0536 | 16.625 | 0.55000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.54 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0968 | 16.634 | 0.02600 | 16.765 | 0.26027 | 0.12548 | 147 | -0.50 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0139 | 16.640 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.48 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0014 | 16.650 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0038 | 16.650 | 0.14000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0142 | 16.650 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0413 | 16.650 | 0.30000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0619 | 16.650 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0504 | 16.655 | 0.35000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0630 | 16.655 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0263 | 16.656 | 0.01240 | 16.765 | 0.26027 | 0.12548 | 147 | -0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0541 | 16.665 | 0.15000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.38 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0337 | 16.675 | 0.13000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.35 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0693 | 16.675 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.35 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0298 | 16.680 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.33 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0571 | 16.685 | 0.05700 | 16.765 | 0.26027 | 0.12548 | 147 | -0.31 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0749 | 16.695 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.27 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0910 | 16.700 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.25 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0354 | 16.705 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.23 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0027 | 16.715 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.19 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0229 | 16.715 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.19 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0613 | 16.715 | 0.19000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.19 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0083 | 16.720 | 0.22000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.17 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0148 | 16.725 | 0.17000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.15 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0941 | 16.725 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.15 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0957 | 16.730 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.13 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0407 | 16.750 | 0.26000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0590 | 16.750 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0610 | 16.750 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0964 | 16.750 | 0.04000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0042 | 16.755 | 0.11000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.04 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0036 | 16.755 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.04 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0660 | 16.755 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.04 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0913 | 16.760 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.02 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0948 | 16.760 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.02 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0297 | 16.770 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.02 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0037 | 16.775 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.04 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0353 | 16.775 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.04 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0512 | 16.780 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0953 | 16.790 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.10 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0199 | 16.800 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2006 | 16.800 | 0.16000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0226 | 16.800 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0265 | 16.800 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0673 | 16.800 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0682 | 16.800 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0034 | 16.805 | 0.00100 | 16.765 | 0.26027 | 0.12548 | 147 | 0.15 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0798 | 16.810 | 0.16000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.17 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0164 | 16.815 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.19 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0004 | 16.820 | 0.22000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0777 | 16.820 | 0.16000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0425 | 16.825 | 0.11000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.23 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0788 | 16.825 | 0.25000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.23 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0049 | 16.835 | 0.35000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.27 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0726 | 16.839 | 0.01400 | 16.765 | 0.26027 | 0.12548 | 147 | 0.28 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0016 | 16.850 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.33 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0278 | 16.850 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.33 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0033 | 16.855 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.35 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2054 | 16.873 | 0.01820 | 16.765 | 0.26027 | 0.12548 | 147 | 0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0687 | 16.875 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0918 | 16.875 | 0.35000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0872 | 16.880 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0529 | 16.890 | 0.18000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.48 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0840 | 16.895 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.50 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0358 | 16.900 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.52 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0861 | 16.900 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.52 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0683 | 16.915 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.58 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0190 | 16.920 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.60 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0744 | 16.930 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0880 | 16.930 | 0.34000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0300 | 16.932 | 0.24800 | 16.765 | 0.26027 | 0.12548 | 147 | 0.64 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0959 | 16.935 | 0.35000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.65 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1006 | 16.935 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.65 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0168 | 16.940 | 0.38000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.67 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0009 | 16.945 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.69 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0045 | 16.950 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.71 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0692 | 16.950 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.71 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2016 | 16.960 | 0.16000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.75 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0822 | 16.975 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.81 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0960 | 16.975 | 0.25000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.81 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0958 | 16.990 | 0.22000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.87 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0574 | 16.995 | 0.17000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.88 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0824 | 17.000 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.90 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0047 | 17.015 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.96 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0843 | 17.020 | 0.52000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.98 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0019 | 17.030 | 0.18000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.02 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2003 | 17.041 | 0.00600 | 16.765 | 0.26027 | 0.12548 | 147 | 1.06 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0615 | 17.045 | 0.15000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.08 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0175 | 17.050 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.10 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1013 | 17.115 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.35 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0003 | 17.125 | 0.19000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.38 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0732 | 17.195 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.65 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0294 | 17.200 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.67 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0417 | 17.215 | 0.43000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.73 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0065 | 17.219 | 0.04130 | 16.765 | 0.26027 | 0.12548 | 147 | 1.74 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0650 | 17.230 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.79 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 2037 | 17.230 | 0.18000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.79 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0646 | 17.285 | 0.53000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.00 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0670 | 17.295 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.04 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0781 | 17.295 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.04 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0876 | 17.332 | 0.08700 | 16.765 | 0.26027 | 0.12548 | 147 | 2.18 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0553 | 17.340 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.21 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0511 | 17.535 | 0.15000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.96 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0609 | 17.555 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 3.04 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0089 | 17.765 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 3.84 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0912 | 17.800 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 3.98 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0790 | 18.060 | 0.22000 | 16.765 | 0.26027 | 0.12548 | 147 | 4.98 | 4% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0882 | 18.952 | 0.20800 | 16.765 | 0.26027 | 0.12548 | 147 | 8.40 | 7% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0787 | 15.905 | 0.17000 | 16.765 | 0.26027 | 0.12548 | 147 | -3.30 | 3% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0786 | 16.200 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | -2.17 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0765 | 16.315 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.73 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0740 | 16.335 | 0.23000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.65 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0768 | 16.375 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.50 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0773 | 16.395 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.42 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0828 | 16.465 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.15 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0816 | 16.470 | 0.14000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.13 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0812 | 16.485 | 0.11000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.08 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0800 | 16.500 | 0.30000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.02 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1009 | 16.505 | 0.13000 | 16.765 | 0.26027 | 0.12548 | 147 | -1.00 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0746 | 16.535 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.88 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0755 | 16.535 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.88 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0815 | 16.535 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.88 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0834 | 16.535 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.88 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0750 | 16.540 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.86 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1012 | 16.542 | 0.05500 | 16.765 | 0.26027 | 0.12548 | 147 | -0.86 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0752 | 16.545 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.84 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0766 | 16.560 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.79 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0753 | 16.565 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.77 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0813 | 16.580 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.71 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0817 | 16.580 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.71 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0772 | 16.590 | 0.04000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.67 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0814 | 16.600 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.63 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0806 | 16.610 | 0.32000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.59 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0764 | 16.615 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.58 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0797 | 16.630 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.52 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0758 | 16.640 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.48 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0804 | 16.645 | 0.19000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.46 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0771 | 16.655 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.42 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0754 | 16.670 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.36 | 0% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1010 | 16.705 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.23 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0811 | 16.710 | 0.04000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.21 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0756 | 16.715 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.19 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1000 | 16.740 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.10 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0751 | 16.745 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | -0.08 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0796 | 16.765 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.00 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0810 | 16.765 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.00 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1008 | 16.772 | 0.08200 | 16.765 | 0.26027 | 0.12548 | 147 | 0.03 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0739 | 16.780 | 0.50000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.06 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0807 | 16.785 | 0.07000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.08 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0801 | 16.790 | 0.08000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.10 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0835 | 16.790 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.10 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0803 | 16.800 | 0.12000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0741 | 16.800 | 0.00000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.14 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0742 | 16.810 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.17 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0841 | 16.830 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.25 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0748 | 16.835 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.27 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0809 | 16.835 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.27 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0747 | 16.836 | 0.19600 | 16.765 | 0.26027 | 0.12548 | 147 | 0.27 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0821 | 16.850 | 0.12000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.33 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0761 | 16.860 | 0.14000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.37 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0827 | 16.865 | 0.13000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.38 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0775 | 16.880 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.44 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0805 | 16.885 | 0.19000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.46 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0774 | 16.895 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.50 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0802 | 16.895 | 0.01000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.50 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0799 | 16.900 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.52 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0836 | 16.925 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.62 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0780 | 16.935 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.65 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0776 | 16.950 | 0.04000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.71 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0825 | 16.950 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.71 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0831 | 16.955 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.73 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0745 | 16.960 | 0.14000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.75 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0808 | 16.990 | 0.04000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.87 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0820 | 16.990 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 0.87 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0760 | 17.045 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.08 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0823 | 17.050 | 0.10000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.10 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0738 | 17.065 | 0.05000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.15 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0829 | 17.075 | 0.61000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.19 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0819 | 17.120 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.36 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0733 | 17.150 | 0.02000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.48 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0795 | 17.230 | 0.06000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.79 | 1% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1007 | 17.255 | 0.03000 | 16.765 | 0.26027 | 0.12548 | 147 | 1.88 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0782 | 17.370 | 0.20000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.33 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0832 | 17.385 | 0.15000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.38 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0779 | 17.395 | 0.19000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.42 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0778 | 17.475 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | 2.73 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1003 | 18.685 | 0.41000 | 16.765 | 0.26027 | 0.12548 | 147 | 7.38 | 6% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0794 | 18.865 | 0.09000 | 16.765 | 0.26027 | 0.12548 | 147 | 8.07 | 6% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 1005 | 19.415 | 0.87000 | 16.765 | 0.26027 | 0.12548 | 147 | 10.18 | 8% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (%) | 0791 | 20.015 | 1.3700 | 16.765 | 0.26027 | 0.12548 | 147 | 12.49 | 10% | 8 |
| 002.07 | Protein, Block Dig (%) | 0914 | 16.345 | 0.07000 | 16.365 | 0.02786 | 0.10930 | 2 | -0.71 | 0% | 0 |
| 002.07 | Protein, Block Dig (%) | 0946 | 16.384 | 0.14860 | 16.365 | 0.02786 | 0.10930 | 2 | 0.71 | 0% | 0 |
| 002.08 | Protein, Cu/Ti (%) | 0563 | 16.846 | 0.04800 | 16.898 | 0.07340 | 0.07400 | 2 | -0.71 | 0% | 0 |
| 002.08 | Protein, Cu/Ti (%) | 0309 | 16.950 | 0.10000 | 16.898 | 0.07340 | 0.07400 | 2 | 0.71 | 0% | 0 |
| 002.10 | Protein, Block dig/distillation (%) | 0546 | 16.283 | 0.21600 | 16.454 | 0.24183 | 0.11300 | 2 | -0.71 | 1% | 0 |
| 002.10 | Protein, Block dig/distillation (%) | 0629 | 16.625 | 0.01000 | 16.454 | 0.24183 | 0.11300 | 2 | 0.71 | 1% | 0 |
| 002.11 | Protein, NIR (%) | 0720 | 16.455 | 0.09000 | 17.197 | 0.55832 | 0.20333 | 6 | -1.33 | 2% | 0 |
| 002.11 | Protein, NIR (%) | 0951 | 16.495 | 0.27000 | 17.197 | 0.55832 | 0.20333 | 6 | -1.26 | 2% | 0 |
| 002.11 | Protein, NIR (%) | 0613 | 17.160 | 0.06000 | 17.197 | 0.55832 | 0.20333 | 6 | -0.07 | 0% | 0 |
| 002.11 | Protein, NIR (%) | 0553 | 17.500 | 0.42000 | 17.197 | 0.55832 | 0.20333 | 6 | 0.54 | 1% | 0 |
| 002.11 | Protein, NIR (%) | 0297 | 17.615 | 0.17000 | 17.197 | 0.55832 | 0.20333 | 6 | 0.75 | 1% | 0 |
| 002.11 | Protein, NIR (%) | 0665 | 17.695 | 0.21000 | 17.197 | 0.55832 | 0.20333 | 6 | 0.89 | 1% | 0 |
| 002.99 | Protein, Miscellaneous (%) | 0643 | 16.515 | 0.23000 | 16.648 | 0.11376 | 0.15500 | 4 | -1.16 | 0% | 0 |
| 002.99 | Protein, Miscellaneous (%) | 2004 | 16.600 | 0.20000 | 16.648 | 0.11376 | 0.15500 | 4 | -0.42 | 0% | 0 |
| 002.99 | Protein, Miscellaneous (%) | 0681 | 16.700 | 0.14000 | 16.648 | 0.11376 | 0.15500 | 4 | 0.46 | 0% | 0 |
| 002.99 | Protein, Miscellaneous (%) | 0826 | 16.775 | 0.05000 | 16.648 | 0.11376 | 0.15500 | 4 | 1.12 | 0% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0142 | 2.4500 | 0.70000 | 4.4704 | 0.46891 | 0.25648 | 17 | -4.31 | 23% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0337 | 3.6750 | 0.07000 | 4.4704 | 0.46891 | 0.25648 | 17 | -1.70 | 9% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0884 | 4.0750 | 0.37000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.84 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0885 | 4.1350 | 0.21000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.72 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0026 | 4.1400 | 0.16000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.70 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0035 | 4.3450 | 0.05000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.27 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0175 | 4.3750 | 0.09000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.20 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0139 | 4.3850 | 0.55000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.18 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0354 | 4.4100 | 0.06000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.13 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0194 | 4.4150 | 0.03000 | 4.4704 | 0.46891 | 0.25648 | 17 | -0.12 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0106 | 4.7150 | 0.03000 | 4.4704 | 0.46891 | 0.25648 | 17 | 0.52 | 3% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 2057 | 4.7150 | 0.33000 | 4.4704 | 0.46891 | 0.25648 | 17 | 0.52 | 3% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0615 | 4.8200 | 0.90000 | 4.4704 | 0.46891 | 0.25648 | 17 | 0.75 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0946 | 4.8440 | 0.29520 | 4.4704 | 0.46891 | 0.25648 | 17 | 0.80 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0876 | 4.9500 | 0.10000 | 4.4704 | 0.46891 | 0.25648 | 17 | 1.02 | 5% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0309 | 5.0500 | 0.38000 | 4.4704 | 0.46891 | 0.25648 | 17 | 1.24 | 6% | 0 |
| 003.00 | Fat, Eth Ext., Direct (%) | 0065 | 5.2175 | 0.03500 | 4.4704 | 0.46891 | 0.25648 | 17 | 1.59 | 8% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 003.01 | Fat, Ind Eth Ext (13th ed.), Indirect (%) | 0563 | 4.3932 | 0.01340 | 5.2566 | 1.2210 | 0.31670 | 2 | -0.71 | 8% | 0 |
| 003.01 | Fat, Ind Eth Ext (13th ed.), Indirect (%) | 0504 | 6.1200 | 0.62000 | 5.2566 | 1.2210 | 0.31670 | 2 | 0.71 | 8% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0574 | 3.7300 | 0.10000 | 4.0933 | 0.14680 | 0.04982 | 18 | -2.47 | 4% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0552 | 3.7750 | 0.09000 | 4.0933 | 0.14680 | 0.04982 | 18 | -2.17 | 4% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0199 | 3.9000 | 0.00000 | 4.0933 | 0.14680 | 0.04982 | 18 | -1.32 | 2% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0294 | 3.9050 | 0.05000 | 4.0933 | 0.14680 | 0.04982 | 18 | -1.28 | 2% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0687 | 4.0100 | 0.02000 | 4.0933 | 0.14680 | 0.04982 | 18 | -0.57 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0425 | 4.0300 | 0.06000 | 4.0933 | 0.14680 | 0.04982 | 18 | -0.43 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0297 | 4.0500 | 0.10000 | 4.0933 | 0.14680 | 0.04982 | 18 | -0.29 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0164 | 4.0600 | 0.04000 | 4.0933 | 0.14680 | 0.04982 | 18 | -0.23 | 0% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0039 | 4.0805 | 0.00340 | 4.0933 | 0.14680 | 0.04982 | 18 | -0.09 | 0% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0689 | 4.1000 | 0.00000 | 4.0933 | 0.14680 | 0.04982 | 18 | 0.05 | 0% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0300 | 4.1265 | 0.04100 | 4.0933 | 0.14680 | 0.04982 | 18 | 0.23 | 0% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0682 | 4.1600 | 0.08000 | 4.0933 | 0.14680 | 0.04982 | 18 | 0.45 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0148 | 4.1700 | 0.00000 | 4.0933 | 0.14680 | 0.04982 | 18 | 0.52 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0511 | 4.1700 | 0.10000 | 4.0933 | 0.14680 | 0.04982 | 18 | 0.52 | 1% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0074 | 4.3550 | 0.05000 | 4.0933 | 0.14680 | 0.04982 | 18 | 1.78 | 3% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0910 | 4.3600 | 0.02000 | 4.0933 | 0.14680 | 0.04982 | 18 | 1.82 | 3% | 0 |
| 003.06 | Fat, Pet Ether (%) | 2054 | 4.3960 | 0.01240 | 4.0933 | 0.14680 | 0.04982 | 18 | 2.06 | 4% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0852 | 4.4050 | 0.13000 | 4.0933 | 0.14680 | 0.04982 | 18 | 2.12 | 4% | 0 |
| 003.06 | Fat, Pet Ether (%) | 0083 | 4.3500 | 0.30000 | 4.0933 | 0.14680 | 0.04982 | 18 | 1.75 | 3% | 1 |
| 003.07 | Fat, Aq Ext (%) | 0647 | 3.1550 | 0.81000 | | | 0.81000 | 1 | | | |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0051 | 3.3650 | 0.05000 | 4.2050 | 0.21539 | 0.03689 | 20 | -3.90 | 10% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0226 | 3.9000 | 0.00000 | 4.2050 | 0.21539 | 0.03689 | 20 | -1.42 | 4% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0674 | 3.9950 | 0.05000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.98 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0152 | 4.0000 | 0.00000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.95 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0653 | 4.0500 | 0.02000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.72 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0027 | 4.0735 | 0.03700 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.61 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0732 | 4.1150 | 0.07000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.42 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0723 | 4.1800 | 0.02000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.12 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0590 | 4.1850 | 0.17000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.09 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0675 | 4.1850 | 0.03000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.09 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0510 | 4.2000 | 0.00000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.02 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0263 | 4.2050 | 0.00340 | 4.2050 | 0.21539 | 0.03689 | 20 | 0.00 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0098 | 4.2250 | 0.05000 | 4.2050 | 0.21539 | 0.03689 | 20 | 0.09 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0505 | 4.2500 | 0.10000 | 4.2050 | 0.21539 | 0.03689 | 20 | 0.21 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0354 | 4.2750 | 0.01000 | 4.2050 | 0.21539 | 0.03689 | 20 | 0.32 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0353 | 4.4400 | 0.02000 | 4.2050 | 0.21539 | 0.03689 | 20 | 1.09 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0968 | 4.4685 | 0.09300 | 4.2050 | 0.21539 | 0.03689 | 20 | 1.22 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0673 | 4.5000 | 0.00000 | 4.2050 | 0.21539 | 0.03689 | 20 | 1.37 | 4% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0948 | 4.6050 | 0.01000 | 4.2050 | 0.21539 | 0.03689 | 20 | 1.86 | 5% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0722 | 4.7298 | 0.00440 | 4.2050 | 0.21539 | 0.03689 | 20 | 2.44 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0004 | 3.2550 | 0.55000 | 4.2050 | 0.21539 | 0.03689 | 20 | -4.41 | 11% | 1 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0038 | 4.1400 | 0.46000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.30 | 1% | 1 |
| 003.09 | Fat, Soxtec, Eth Ext (%) | 0733 | 4.1150 | 0.05000 | 4.2050 | 0.21539 | 0.03689 | 20 | -0.42 | 1% | 8 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0618 | 2.1150 | 0.05000 | 3.9122 | 0.23152 | 0.12163 | 33 | -7.76 | 23% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0062 | 3.5670 | 0.36600 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.49 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0609 | 3.5950 | 0.07000 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.37 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0366 | 3.6000 | 0.40000 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.35 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0952 | 3.6650 | 0.01000 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.07 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0781 | 3.6750 | 0.13000 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.02 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0042 | 3.7200 | 0.10000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.83 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0178 | 3.7700 | 0.26000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.61 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0553 | 3.7850 | 0.07000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.55 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0887 | 3.8100 | 0.02000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.44 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0720 | 3.8350 | 0.13000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.33 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0098 | 3.8400 | 0.06000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.31 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0629 | 3.8400 | 0.04000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.31 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 2003 | 3.8450 | 0.43000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.29 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0242 | 3.8650 | 0.07000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.20 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0298 | 3.8700 | 0.02000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.18 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 2022 | 3.8750 | 0.05000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.16 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0728 | 3.9250 | 0.03000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.06 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0868 | 3.9400 | 0.04000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.12 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0693 | 3.9500 | 0.32000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.16 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0861 | 3.9600 | 0.06000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.21 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0045 | 3.9900 | 0.12000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.34 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0607 | 4.0333 | 0.03770 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.52 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0676 | 4.0565 | 0.20100 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.62 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0034 | 4.0800 | 0.02000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.72 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0896 | 4.1250 | 0.01000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.92 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 2009 | 4.1272 | 0.07900 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.93 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0100 | 4.1350 | 0.41000 | 3.9122 | 0.23152 | 0.12163 | 33 | 0.96 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0689 | 4.1500 | 0.10000 | 3.9122 | 0.23152 | 0.12163 | 33 | 1.03 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0619 | 4.2400 | 0.08000 | 3.9122 | 0.23152 | 0.12163 | 33 | 1.42 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 2042 | 4.3550 | 0.01000 | 3.9122 | 0.23152 | 0.12163 | 33 | 1.91 | 6% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0918 | 4.5350 | 0.05000 | 3.9122 | 0.23152 | 0.12163 | 33 | 2.69 | 8% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0610 | 4.8650 | 0.17000 | 3.9122 | 0.23152 | 0.12163 | 33 | 4.12 | 12% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 0782 | 3.6500 | 0.10000 | 3.9122 | 0.23152 | 0.12163 | 33 | -1.13 | 3% | 8 |
| 003.10 | Fat, Soxtec, Pet Ether (%) | 1007 | 3.6900 | 0.12000 | 3.9122 | 0.23152 | 0.12163 | 33 | -0.96 | 3% | 8 |
| 003.11 | Fat, NIR (%) | 0613 | 3.7500 | 0.02000 | 4.2280 | 0.30030 | 0.03200 | 5 | -1.59 | 6% | 0 |
| 003.11 | Fat, NIR (%) | 0665 | 4.1400 | 0.02000 | 4.2280 | 0.30030 | 0.03200 | 5 | -0.29 | 1% | 0 |
| 003.11 | Fat, NIR (%) | 0297 | 4.3550 | 0.03000 | 4.2280 | 0.30030 | 0.03200 | 5 | 0.42 | 2% | 0 |
| 003.11 | Fat, NIR (%) | 0720 | 4.3700 | 0.02000 | 4.2280 | 0.30030 | 0.03200 | 5 | 0.47 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 003.11 | Fat, NIR (%) | 0553 | 4.5250 | 0.07000 | 4.2280 | 0.30030 | 0.03200 | 5 | 0.99 | 4% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0966 | 3.7600 | 0.06000 | 4.0521 | 0.11224 | 0.05117 | 10 | -2.60 | 4% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0895 | 3.8050 | 0.01000 | 4.0521 | 0.11224 | 0.05117 | 10 | -2.20 | 3% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0893 | 3.9150 | 0.01000 | 4.0521 | 0.11224 | 0.05117 | 10 | -1.22 | 2% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0938 | 3.9800 | 0.02000 | 4.0521 | 0.11224 | 0.05117 | 10 | -0.64 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0939 | 4.0800 | 0.04000 | 4.0521 | 0.11224 | 0.05117 | 10 | 0.25 | 0% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0171 | 4.1050 | 0.13000 | 4.0521 | 0.11224 | 0.05117 | 10 | 0.47 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 2006 | 4.1100 | 0.08000 | 4.0521 | 0.11224 | 0.05117 | 10 | 0.52 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 2027 | 4.1223 | 0.12170 | 4.0521 | 0.11224 | 0.05117 | 10 | 0.63 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0670 | 4.1350 | 0.03000 | 4.0521 | 0.11224 | 0.05117 | 10 | 0.74 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (%) | 0894 | 4.1950 | 0.01000 | 4.0521 | 0.11224 | 0.05117 | 10 | 1.27 | 2% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0011 | 3.1000 | 0.12000 | 4.0091 | 0.13931 | 0.10056 | 9 | -6.53 | 11% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0033 | 3.9100 | 0.10000 | 4.0091 | 0.13931 | 0.10056 | 9 | -0.71 | 1% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0646 | 3.9400 | 0.14000 | 4.0091 | 0.13931 | 0.10056 | 9 | -0.50 | 1% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0205 | 3.9685 | 0.01500 | 4.0091 | 0.13931 | 0.10056 | 9 | -0.29 | 1% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0660 | 3.9900 | 0.20000 | 4.0091 | 0.13931 | 0.10056 | 9 | -0.14 | 0% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0028 | 3.9950 | 0.09000 | 4.0091 | 0.13931 | 0.10056 | 9 | -0.10 | 0% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 2048 | 4.1300 | 0.06000 | 4.0091 | 0.13931 | 0.10056 | 9 | 0.87 | 2% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0187 | 4.2450 | 0.09000 | 4.0091 | 0.13931 | 0.10056 | 9 | 1.69 | 3% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (%) | 0681 | 4.6450 | 0.09000 | 4.0091 | 0.13931 | 0.10056 | 9 | 4.57 | 8% | 0 |
| 003.14 | Fat, Ankom (%) | 0357 | 3.2000 | 0.00000 | 4.0305 | 0.21632 | 0.12956 | 36 | -3.84 | 10% | 0 |
| 003.14 | Fat, Ankom (%) | 0175 | 3.3850 | 0.23000 | 4.0305 | 0.21632 | 0.12956 | 36 | -2.98 | 8% | 0 |
| 003.14 | Fat, Ankom (%) | 2023 | 3.5050 | 0.07000 | 4.0305 | 0.21632 | 0.12956 | 36 | -2.43 | 7% | 0 |
| 003.14 | Fat, Ankom (%) | 0912 | 3.6150 | 0.03000 | 4.0305 | 0.21632 | 0.12956 | 36 | -1.92 | 5% | 0 |
| 003.14 | Fat, Ankom (%) | 0613 | 3.6250 | 0.47000 | 4.0305 | 0.21632 | 0.12956 | 36 | -1.87 | 5% | 0 |
| 003.14 | Fat, Ankom (%) | 0581 | 3.8400 | 0.04000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.88 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0144 | 3.8550 | 0.01000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.81 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0108 | 3.8600 | 0.16000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.79 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0683 | 3.8650 | 0.07000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.76 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0956 | 3.9000 | 0.20000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.60 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0066 | 3.9550 | 0.09000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.35 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0574 | 3.9850 | 0.29000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.21 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0202 | 4.0000 | 0.10000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.14 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0278 | 4.0000 | 0.00000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.14 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 2037 | 4.0000 | 0.02000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.14 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0003 | 4.0100 | 0.52000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.09 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0049 | 4.0150 | 0.31000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.07 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0229 | 4.0150 | 0.03000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.07 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0598 | 4.0200 | 0.10000 | 4.0305 | 0.21632 | 0.12956 | 36 | -0.05 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0089 | 4.0300 | 0.02000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.00 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0529 | 4.0600 | 0.00000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.14 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0878 | 4.0600 | 0.16000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.14 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 003.14 | Fat, Ankom (%) | 0358 | 4.0600 | 0.10000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.14 | 0% | 0 |
| 003.14 | Fat, Ankom (%) | 0019 | 4.0850 | 0.05000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.25 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0891 | 4.0922 | 0.00530 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.29 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0955 | 4.0950 | 0.07000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.30 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0265 | 4.1500 | 0.10000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.55 | 1% | 0 |
| 003.14 | Fat, Ankom (%) | 0001 | 4.1533 | 0.20790 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.57 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 0407 | 4.1850 | 0.01000 | 4.0305 | 0.21632 | 0.12956 | 36 | 0.71 | 2% | 0 |
| 003.14 | Fat, Ankom (%) | 2054 | 4.4008 | 0.00180 | 4.0305 | 0.21632 | 0.12956 | 36 | 1.71 | 5% | 0 |
| 003.14 | Fat, Ankom (%) | 0009 | 4.4150 | 0.21000 | 4.0305 | 0.21632 | 0.12956 | 36 | 1.78 | 5% | 0 |
| 003.14 | Fat, Ankom (%) | 0015 | 4.6650 | 0.15000 | 4.0305 | 0.21632 | 0.12956 | 36 | 2.93 | 8% | 0 |
| 003.14 | Fat, Ankom (%) | 0413 | 4.9500 | 0.30000 | 4.0305 | 0.21632 | 0.12956 | 36 | 4.25 | 11% | 0 |
| 003.14 | Fat, Ankom (%) | 0190 | 5.0350 | 0.15000 | 4.0305 | 0.21632 | 0.12956 | 36 | 4.64 | 12% | 0 |
| 003.14 | Fat, Ankom (%) | 0848 | 5.2100 | 0.26000 | 4.0305 | 0.21632 | 0.12956 | 36 | 5.45 | 15% | 0 |
| 003.14 | Fat, Ankom (%) | 0726 | 5.4155 | 0.12900 | 4.0305 | 0.21632 | 0.12956 | 36 | 6.40 | 17% | 0 |
| 003.14 | Fat, Ankom (%) | 0913 | 3.8100 | 0.60000 | 4.0305 | 0.21632 | 0.12956 | 36 | -1.02 | 3% | 1 |
| 003.99 | Fat, Miscellaneous (%) | 0546 | 3.5300 | 0.36000 | 3.9683 | 0.45722 | 0.11667 | 6 | -0.96 | 6% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 0788 | 3.6300 | 0.04000 | 3.9683 | 0.45722 | 0.11667 | 6 | -0.74 | 4% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 0047 | 3.7250 | 0.01000 | 3.9683 | 0.45722 | 0.11667 | 6 | -0.53 | 3% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 0536 | 4.1000 | 0.08000 | 3.9683 | 0.45722 | 0.11667 | 6 | 0.29 | 2% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 1013 | 4.2800 | 0.10000 | 3.9683 | 0.45722 | 0.11667 | 6 | 0.68 | 4% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 0630 | 4.5450 | 0.11000 | 3.9683 | 0.45722 | 0.11667 | 6 | 1.26 | 7% | 0 |
| 003.99 | Fat, Miscellaneous (%) | 0880 | 5.6000 | 2.0000 | 3.9683 | 0.45722 | 0.11667 | 6 | 3.57 | 21% | 1 |
| 003.99 | Fat, Miscellaneous (%) | 0786 | 3.6150 | 0.05000 | 3.9683 | 0.45722 | 0.11667 | 6 | -0.77 | 4% | 8 |
| 003.99 | Fat, Miscellaneous (%) | 0787 | 3.8750 | 0.21000 | 3.9683 | 0.45722 | 0.11667 | 6 | -0.20 | 1% | 8 |
| 003.99 | Fat, Miscellaneous (%) | 0738 | 4.2650 | 0.05000 | 3.9683 | 0.45722 | 0.11667 | 6 | 0.65 | 4% | 8 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0194 | 11.275 | 0.03000 | 12.233 | 0.55465 | 0.39850 | 20 | -1.73 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0298 | 11.370 | 0.02000 | 12.233 | 0.55465 | 0.39850 | 20 | -1.56 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0884 | 11.520 | 0.48000 | 12.233 | 0.55465 | 0.39850 | 20 | -1.28 | 3% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0199 | 11.800 | 0.20000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.78 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0164 | 11.900 | 0.00000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.60 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0425 | 11.950 | 0.10000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.51 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 2004 | 11.950 | 0.10000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.51 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0169 | 11.975 | 0.27000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.46 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0309 | 12.095 | 0.07000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.25 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0171 | 12.200 | 0.00000 | 12.233 | 0.55465 | 0.39850 | 20 | -0.06 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0034 | 12.300 | 0.20000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.12 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0353 | 12.325 | 0.33000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.17 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0226 | 12.400 | 0.00000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.30 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0354 | 12.420 | 0.04000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.34 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0175 | 12.595 | 0.13000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.65 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0511 | 12.600 | 0.00000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.66 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0876 | 12.600 | 1.8000 | 12.233 | 0.55465 | 0.39850 | 20 | 0.66 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 004.00 | Fiber, Crude Asbestos Free (%) | 2023 | 13.090 | 0.22000 | 12.233 | 0.55465 | 0.39850 | 20 | 1.55 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0504 | 13.300 | 2.1200 | 12.233 | 0.55465 | 0.39850 | 20 | 1.92 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (%) | 0337 | 14.930 | 1.8600 | 12.233 | 0.55465 | 0.39850 | 20 | 4.86 | 11% | 0 |
| 004.01 | Fiber, Sing Filt (%) | 0045 | 12.450 | 0.50000 | 12.475 | 0.03536 | 0.25000 | 2 | -0.71 | 0% | 0 |
| 004.01 | Fiber, Sing Filt (%) | 0366 | 12.500 | 0.00000 | 12.475 | 0.03536 | 0.25000 | 2 | 0.71 | 0% | 0 |
| 004.03 | Fiber, Fritted Glass (%) | 2042 | 11.400 | 0.00000 | 13.337 | 1.6628 | 1.1900 | 5 | -1.16 | 7% | 0 |
| 004.03 | Fiber, Fritted Glass (%) | 0964 | 12.395 | 0.19000 | 13.337 | 1.6628 | 1.1900 | 5 | -0.57 | 4% | 0 |
| 004.03 | Fiber, Fritted Glass (%) | 0693 | 12.900 | 0.20000 | 13.337 | 1.6628 | 1.1900 | 5 | -0.26 | 2% | 0 |
| 004.03 | Fiber, Fritted Glass (%) | 0647 | 14.390 | 1.8000 | 13.337 | 1.6628 | 1.1900 | 5 | 0.63 | 4% | 0 |
| 004.03 | Fiber, Fritted Glass (%) | 0626 | 15.600 | 3.7600 | 13.337 | 1.6628 | 1.1900 | 5 | 1.36 | 8% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0966 | 10.895 | 0.15000 | 12.403 | 0.54486 | 0.19239 | 37 | -2.77 | 6% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0893 | 11.440 | 0.02000 | 12.403 | 0.54486 | 0.19239 | 37 | -1.77 | 4% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0895 | 11.460 | 0.02000 | 12.403 | 0.54486 | 0.19239 | 37 | -1.73 | 4% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0590 | 11.505 | 0.61000 | 12.403 | 0.54486 | 0.19239 | 37 | -1.65 | 4% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0038 | 11.795 | 0.29000 | 12.403 | 0.54486 | 0.19239 | 37 | -1.12 | 2% | 0 |
| 004.06 | Fiber, Fibertec (%) | 2027 | 11.804 | 0.01190 | 12.403 | 0.54486 | 0.19239 | 37 | -1.10 | 2% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0675 | 12.025 | 0.21000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.69 | 2% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0938 | 12.045 | 0.09000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.66 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0610 | 12.050 | 0.10000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.65 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0720 | 12.055 | 0.29000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.64 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0098 | 12.115 | 0.13000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.53 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0894 | 12.145 | 0.01000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.47 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0670 | 12.160 | 0.04000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.45 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 2034 | 12.215 | 0.73000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.34 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 2009 | 12.217 | 0.02440 | 12.403 | 0.54486 | 0.19239 | 37 | -0.34 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0673 | 12.250 | 0.50000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.28 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0866 | 12.250 | 0.02000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.28 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0885 | 12.285 | 0.27000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.22 | 0% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0205 | 12.300 | 0.20000 | 12.403 | 0.54486 | 0.19239 | 37 | -0.19 | 0% | 0 |
| 004.06 | Fiber, Fibertec (%) | 2022 | 12.490 | 0.18000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.16 | 0% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0868 | 12.500 | 0.00000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.18 | 0% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0653 | 12.535 | 0.03000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.24 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0689 | 12.550 | 0.70000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.27 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0552 | 12.565 | 0.19000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.30 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0941 | 12.620 | 0.18000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.40 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0620 | 12.661 | 0.19820 | 12.403 | 0.54486 | 0.19239 | 37 | 0.47 | 1% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0512 | 12.810 | 0.34000 | 12.403 | 0.54486 | 0.19239 | 37 | 0.75 | 2% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0674 | 13.005 | 0.01000 | 12.403 | 0.54486 | 0.19239 | 37 | 1.11 | 2% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0952 | 13.040 | 0.18000 | 12.403 | 0.54486 | 0.19239 | 37 | 1.17 | 3% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0887 | 13.170 | 0.02000 | 12.403 | 0.54486 | 0.19239 | 37 | 1.41 | 3% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0968 | 13.354 | 0.02700 | 12.403 | 0.54486 | 0.19239 | 37 | 1.74 | 4% | 0 |
| 004.06 | Fiber, Fibertec (%) | 2006 | 13.400 | 0.34000 | 12.403 | 0.54486 | 0.19239 | 37 | 1.83 | 4% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 004.06 | Fiber, Fibertec (%) | 0845 | 13.550 | 0.30000 | 12.403 | 0.54486 | 0.19239 | 37 | 2.11 | 5% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0609 | 14.075 | 0.47000 | 12.403 | 0.54486 | 0.19239 | 37 | 3.07 | 7% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0716 | 14.300 | 0.08000 | 12.403 | 0.54486 | 0.19239 | 37 | 3.48 | 8% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0676 | 14.561 | 0.14700 | 12.403 | 0.54486 | 0.19239 | 37 | 3.96 | 9% | 0 |
| 004.06 | Fiber, Fibertec (%) | 0948 | 15.005 | 0.01000 | 12.403 | 0.54486 | 0.19239 | 37 | 4.78 | 10% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0265 | 9.7500 | 0.30000 | 11.966 | 0.57308 | 0.26686 | 51 | -3.87 | 9% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0913 | 10.715 | 0.05000 | 11.966 | 0.57308 | 0.26686 | 51 | -2.18 | 5% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0202 | 10.720 | 0.06000 | 11.966 | 0.57308 | 0.26686 | 51 | -2.17 | 5% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0939 | 11.105 | 0.39000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.50 | 4% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0413 | 11.250 | 0.30000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.25 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0026 | 11.330 | 0.00000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.11 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0074 | 11.335 | 0.05000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.10 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0178 | 11.340 | 0.34000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.09 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0956 | 11.350 | 0.70000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.08 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0278 | 11.350 | 0.10000 | 11.966 | 0.57308 | 0.26686 | 51 | -1.08 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0019 | 11.455 | 0.51000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.89 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0035 | 11.480 | 0.16000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.85 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0510 | 11.500 | 0.40000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.81 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0042 | 11.615 | 0.55000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.61 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0708 | 11.690 | 0.06000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.48 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0144 | 11.725 | 0.45000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.42 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0505 | 11.725 | 0.25000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.42 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0407 | 11.745 | 0.05000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.39 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0683 | 11.755 | 0.15000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.37 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0529 | 11.825 | 0.29000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.25 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0619 | 11.850 | 0.50000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.20 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0297 | 11.925 | 0.07000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.07 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0861 | 11.925 | 0.13000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.07 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0229 | 11.950 | 0.10000 | 11.966 | 0.57308 | 0.26686 | 51 | -0.03 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0682 | 11.965 | 0.07000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.00 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0008 | 11.970 | 0.34000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.01 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0891 | 11.976 | 0.01430 | 11.966 | 0.57308 | 0.26686 | 51 | 0.02 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0098 | 11.995 | 0.75000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.05 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0100 | 12.070 | 0.68000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.18 | 0% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0294 | 12.100 | 0.00000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.23 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0910 | 12.100 | 1.2000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.23 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0190 | 12.120 | 0.16000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.27 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0878 | 12.130 | 0.18000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.29 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0646 | 12.140 | 0.22000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.30 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0613 | 12.210 | 0.54000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.43 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0354 | 12.235 | 0.05000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.47 | 1% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0955 | 12.300 | 1.0000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.58 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 004.07 | Fiber, ANKOM (%) | 0643 | 12.330 | 0.14000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.63 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0581 | 12.350 | 0.30000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.67 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0009 | 12.445 | 0.43000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.84 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0083 | 12.500 | 0.20000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.93 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0723 | 12.510 | 0.02000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.95 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0300 | 12.530 | 0.10000 | 11.966 | 0.57308 | 0.26686 | 51 | 0.98 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 2054 | 12.538 | 0.14380 | 11.966 | 0.57308 | 0.26686 | 51 | 1.00 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0563 | 12.561 | 0.10300 | 11.966 | 0.57308 | 0.26686 | 51 | 1.04 | 2% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0726 | 12.608 | 0.04300 | 11.966 | 0.57308 | 0.26686 | 51 | 1.12 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0598 | 12.710 | 0.02000 | 11.966 | 0.57308 | 0.26686 | 51 | 1.30 | 3% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0951 | 12.885 | 0.33000 | 11.966 | 0.57308 | 0.26686 | 51 | 1.60 | 4% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0592 | 13.488 | 0.07500 | 11.966 | 0.57308 | 0.26686 | 51 | 2.65 | 6% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0242 | 13.680 | 0.16000 | 11.966 | 0.57308 | 0.26686 | 51 | 2.99 | 7% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0607 | 13.724 | 0.38060 | 11.966 | 0.57308 | 0.26686 | 51 | 3.07 | 7% | 0 |
| 004.07 | Fiber, ANKOM (%) | 0004 | 11.710 | 1.4600 | 11.966 | 0.57308 | 0.26686 | 51 | -0.45 | 1% | 1 |
| 004.07 | Fiber, ANKOM (%) | 0015 | 13.355 | 1.7700 | 11.966 | 0.57308 | 0.26686 | 51 | 2.42 | 6% | 1 |
| 004.11 | Fiber, NIR (%) | 0720 | 9.5500 | 0.10000 | 11.947 | 1.3885 | 0.27000 | 5 | -1.73 | 10% | 0 |
| 004.11 | Fiber, NIR (%) | 0665 | 12.030 | 0.20000 | 11.947 | 1.3885 | 0.27000 | 5 | 0.06 | 0% | 0 |
| 004.11 | Fiber, NIR (%) | 0553 | 12.395 | 0.71000 | 11.947 | 1.3885 | 0.27000 | 5 | 0.32 | 2% | 0 |
| 004.11 | Fiber, NIR (%) | 0613 | 12.785 | 0.09000 | 11.947 | 1.3885 | 0.27000 | 5 | 0.60 | 4% | 0 |
| 004.11 | Fiber, NIR (%) | 0951 | 12.975 | 0.25000 | 11.947 | 1.3885 | 0.27000 | 5 | 0.74 | 4% | 0 |
| 004.99 | Fiber, Miscellaneous (%) | 0629 | 11.600 | 0.00000 | 12.385 | 0.69478 | 0.07803 | 3 | -1.13 | 3% | 0 |
| 004.99 | Fiber, Miscellaneous (%) | 0918 | 12.635 | 0.05000 | 12.385 | 0.69478 | 0.07803 | 3 | 0.36 | 1% | 0 |
| 004.99 | Fiber, Miscellaneous (%) | 0946 | 12.920 | 0.18410 | 12.385 | 0.69478 | 0.07803 | 3 | 0.77 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0169 | 9.4450 | 0.13000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.84 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0960 | 9.4650 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.70 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2048 | 9.4750 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.63 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0297 | 9.5500 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.11 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0042 | 9.5800 | 0.16000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.90 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0732 | 9.5850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.86 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0142 | 9.6000 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.76 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0026 | 9.6400 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.48 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0956 | 9.6500 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.41 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0957 | 9.6500 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.41 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0008 | 9.6650 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.30 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0065 | 9.6670 | 0.02400 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.29 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0749 | 9.6700 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.27 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0840 | 9.6750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.23 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0670 | 9.6850 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.16 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0049 | 9.6900 | 0.08000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.13 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0417 | 9.6900 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.13 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0959 | 9.7100 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.99 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 005.00 | Ash, 2h @ 600°C (%) | 0015 | 9.7150 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.95 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0722 | 9.7187 | 0.03250 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.93 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0552 | 9.7200 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.92 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0358 | 9.7300 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.85 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0089 | 9.7400 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.78 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0337 | 9.7400 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.78 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0674 | 9.7400 | 0.16000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.78 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0874 | 9.7450 | 0.15000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.74 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0539 | 9.7500 | 0.16000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.71 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0609 | 9.7550 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.67 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0541 | 9.7600 | 0.18000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.64 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0744 | 9.7600 | 0.20000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.64 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0194 | 9.7650 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.60 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0630 | 9.7800 | 0.16000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.50 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0818 | 9.7850 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.46 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0830 | 9.7850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.46 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0148 | 9.7900 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.43 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0205 | 9.7900 | 0.01600 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.43 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0164 | 9.7950 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.39 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0175 | 9.7950 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.39 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0650 | 9.7950 | 0.15000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.39 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0001 | 9.8046 | 0.00130 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.33 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0066 | 9.8050 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.32 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0620 | 9.8125 | 0.15500 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.27 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0242 | 9.8150 | 0.13000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.25 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0035 | 9.8200 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.22 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0723 | 9.8200 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.22 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0968 | 9.8200 | 0.05800 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.22 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0353 | 9.8250 | 0.29000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.18 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0861 | 9.8250 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.18 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0278 | 9.8300 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.15 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0770 | 9.8350 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.12 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0171 | 9.8400 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.08 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0596 | 9.8400 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.08 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0139 | 9.8450 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.05 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0681 | 9.8450 | 0.21000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.05 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0848 | 9.8450 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.05 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0563 | 9.8475 | 0.01440 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.03 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0144 | 9.8500 | 0.30000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.01 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0777 | 9.8500 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.01 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0953 | 9.8500 | 0.20000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.01 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0083 | 9.8500 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.01 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 005.00 | Ash, 2h @ 600°C (%) | 2054 | 9.8536 | 0.04130 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.01 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0781 | 9.8550 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.02 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0958 | 9.8550 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.02 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0615 | 9.8600 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.06 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0822 | 9.8650 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.09 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0100 | 9.8650 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.09 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0505 | 9.8850 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.23 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0798 | 9.8850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.23 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0598 | 9.8850 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.23 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0004 | 9.8900 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.27 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0651 | 9.8910 | 0.04800 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.28 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0407 | 9.8950 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.30 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 1006 | 9.8950 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.30 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0152 | 9.9000 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.34 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0425 | 9.9000 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.34 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0682 | 9.9000 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.34 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2022 | 9.9000 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.34 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0354 | 9.9050 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.37 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0918 | 9.9050 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.37 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0553 | 9.9100 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.41 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0660 | 9.9100 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.41 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0038 | 9.9250 | 0.13000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.51 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0045 | 9.9300 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.55 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0298 | 9.9300 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.55 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0661 | 9.9450 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.65 | 0% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0653 | 9.9500 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.69 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0265 | 9.9550 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.72 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0643 | 9.9600 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.76 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0913 | 9.9700 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.83 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0675 | 9.9750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.86 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0098 | 9.9800 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.90 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0108 | 9.9850 | 0.19000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.93 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0589 | 9.9900 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.97 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0693 | 10.000 | 0.20000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.04 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0852 | 10.000 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.04 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0062 | 10.013 | 0.03400 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.13 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0138 | 10.015 | 0.01100 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.14 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0229 | 10.015 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.14 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0618 | 10.016 | 0.00800 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.15 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 2006 | 10.020 | 0.12000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.18 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0646 | 10.030 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.25 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0366 | 10.050 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.39 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 005.00 | Ash, 2h @ 600°C (%) | 0187 | 10.055 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.42 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0510 | 10.055 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.42 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0948 | 10.070 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.53 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0607 | 10.091 | 0.03370 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.68 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0309 | 10.115 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.84 | 1% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0357 | 10.150 | 0.30000 | 9.8515 | 0.14312 | 0.06614 | 113 | 2.09 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0504 | 10.175 | 0.33000 | 9.8515 | 0.14312 | 0.06614 | 113 | 2.26 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0581 | 10.255 | 0.11000 | 9.8515 | 0.14312 | 0.06614 | 113 | 2.82 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0658 | 10.322 | 0.08150 | 9.8515 | 0.14312 | 0.06614 | 113 | 3.29 | 2% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0226 | 10.450 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | 4.18 | 3% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0622 | 10.617 | 0.15500 | 9.8515 | 0.14312 | 0.06614 | 113 | 5.35 | 4% | 0 |
| 005.00 | Ash, 2h @ 600°C (%) | 0880 | 9.4650 | 1.1300 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.70 | 2% | 1 |
| 005.00 | Ash, 2h @ 600°C (%) | 0051 | 9.9950 | 0.37000 | 9.8515 | 0.14312 | 0.06614 | 113 | 1.00 | 1% | 1 |
| 005.00 | Ash, 2h @ 600°C (%) | 0186 | 6.5450 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | -23.10 | 17% | 2 |
| 005.00 | Ash, 2h @ 600°C (%) | 0841 | 9.5550 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.07 | 2% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0835 | 9.5650 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -2.00 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0733 | 9.6150 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.65 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0752 | 9.6200 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.62 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0774 | 9.6200 | 0.12000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.62 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0758 | 9.6300 | 0.06000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.55 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1009 | 9.6300 | 0.08000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.55 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0834 | 9.6350 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.51 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0747 | 9.6420 | 0.07200 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.46 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0734 | 9.6450 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.44 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0748 | 9.6450 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.44 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0756 | 9.6500 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.41 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0754 | 9.6550 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.37 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0808 | 9.6600 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.34 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1012 | 9.6600 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.34 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0751 | 9.6650 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.30 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0838 | 9.6650 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.30 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0746 | 9.6700 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.27 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1008 | 9.6700 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.27 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0741 | 9.6750 | 0.11000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.23 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1000 | 9.6800 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.20 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0750 | 9.6850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.16 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0753 | 9.6850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.16 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1010 | 9.6900 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.13 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0742 | 9.6900 | 0.12000 | 9.8515 | 0.14312 | 0.06614 | 113 | -1.13 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0804 | 9.7150 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.95 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0806 | 9.7150 | 0.15000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.95 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0807 | 9.7150 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.95 | 1% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 005.00 | Ash, 2h @ 600°C (%) | 1002 | 9.7150 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.95 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0755 | 9.7200 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.92 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0801 | 9.7250 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.88 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0800 | 9.7300 | 0.08000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.85 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0811 | 9.7350 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.81 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0797 | 9.7400 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.78 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0810 | 9.7450 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.74 | 1% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0820 | 9.7550 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.67 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0764 | 9.7650 | 0.23000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.60 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0814 | 9.7700 | 0.20000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.57 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0745 | 9.7750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.53 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0827 | 9.7750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.53 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0780 | 9.7750 | 0.13000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.53 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0799 | 9.7750 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.53 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0773 | 9.7850 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.46 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0809 | 9.7850 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.46 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0739 | 9.8000 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.36 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0775 | 9.8000 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.36 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0779 | 9.8000 | 0.08000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.36 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0803 | 9.8000 | 0.02000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.36 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0761 | 9.8050 | 0.09000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.32 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0796 | 9.8050 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.32 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0812 | 9.8050 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.32 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0813 | 9.8050 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.32 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0760 | 9.8100 | 0.14000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.29 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0819 | 9.8150 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.25 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0776 | 9.8150 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.25 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0795 | 9.8200 | 0.10000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.22 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0815 | 9.8200 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.22 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0828 | 9.8350 | 0.11000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.12 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 1007 | 9.8350 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.12 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0817 | 9.8400 | 0.08000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.08 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0740 | 9.8450 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.05 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0816 | 9.8450 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.05 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0805 | 9.8500 | 0.00000 | 9.8515 | 0.14312 | 0.06614 | 113 | -0.01 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0765 | 9.8550 | 0.11000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.02 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0778 | 9.8550 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.02 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0821 | 9.8550 | 0.05000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.02 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0766 | 9.8700 | 0.14000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.13 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0768 | 9.8750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.16 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0771 | 9.8750 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.16 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0772 | 9.8750 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.16 | 0% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 005.00 | Ash, 2h @ 600°C (%) | 0782 | 9.8750 | 0.01000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.16 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0831 | 9.8750 | 0.03000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.16 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0832 | 9.8800 | 0.12000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.20 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0736 | 9.8850 | 0.07000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.23 | 0% | 8 |
| 005.00 | Ash, 2h @ 600°C (%) | 0829 | 9.9100 | 0.04000 | 9.8515 | 0.14312 | 0.06614 | 113 | 0.41 | 0% | 8 |
| 005.02 | Ash, LECO (%) | 0610 | 9.6800 | 0.14000 | | | 0.14000 | 1 | | | |
| 005.03 | Ash, Microwave furnace (%) | 1013 | 9.4600 | 0.06000 | 9.4875 | 0.03889 | 0.05500 | 2 | -0.71 | 0% | 0 |
| 005.03 | Ash, Microwave furnace (%) | 0738 | 9.5150 | 0.05000 | 9.4875 | 0.03889 | 0.05500 | 2 | 0.71 | 0% | 0 |
| 005.04 | Ash, Acid insoluble (%) | 0939 | 3.1150 | 0.03000 | | | 0.03000 | 1 | | | |
| 005.05 | Ash, 3h @ 550°C (%) | 0178 | 9.7700 | 0.00000 | 10.022 | 0.13958 | 0.04035 | 26 | -1.80 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0689 | 9.8600 | 0.04000 | 10.022 | 0.13958 | 0.04035 | 26 | -1.16 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0263 | 9.8700 | 0.02000 | 10.022 | 0.13958 | 0.04035 | 26 | -1.09 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0893 | 9.8700 | 0.02000 | 10.022 | 0.13958 | 0.04035 | 26 | -1.09 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0878 | 9.8850 | 0.11000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.98 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0895 | 9.9050 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.84 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0868 | 9.9250 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.69 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2027 | 9.9295 | 0.03720 | 10.022 | 0.13958 | 0.04035 | 26 | -0.66 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0294 | 9.9500 | 0.10000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.51 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0891 | 9.9548 | 0.00820 | 10.022 | 0.13958 | 0.04035 | 26 | -0.48 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0033 | 9.9750 | 0.05000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.34 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0896 | 9.9900 | 0.02000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.23 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0966 | 10.002 | 0.02800 | 10.022 | 0.13958 | 0.04035 | 26 | -0.14 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0894 | 10.015 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | -0.05 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0866 | 10.045 | 0.00600 | 10.022 | 0.13958 | 0.04035 | 26 | 0.17 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0938 | 10.070 | 0.02000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.34 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0951 | 10.070 | 0.08000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.34 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0683 | 10.080 | 0.04000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.42 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2042 | 10.100 | 0.00000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.56 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0885 | 10.135 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.81 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0887 | 10.145 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.88 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0619 | 10.150 | 0.10000 | 10.022 | 0.13958 | 0.04035 | 26 | 0.92 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 2009 | 10.169 | 0.12970 | 10.022 | 0.13958 | 0.04035 | 26 | 1.06 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0921 | 10.210 | 0.08000 | 10.022 | 0.13958 | 0.04035 | 26 | 1.35 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0720 | 10.335 | 0.01000 | 10.022 | 0.13958 | 0.04035 | 26 | 2.24 | 2% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0882 | 11.580 | 0.10000 | 10.022 | 0.13958 | 0.04035 | 26 | 11.16 | 8% | 0 |
| 005.05 | Ash, 3h @ 550°C (%) | 0413 | 10.300 | 0.20000 | 10.022 | 0.13958 | 0.04035 | 26 | 1.99 | 1% | 1 |
| 005.05 | Ash, 3h @ 550°C (%) | 0802 | 9.6350 | 0.03000 | 10.022 | 0.13958 | 0.04035 | 26 | -2.77 | 2% | 8 |
| 005.11 | Ash, NIR (%) | 0951 | 6.7400 | 0.08000 | 7.7188 | 1.3061 | 0.06250 | 4 | -0.75 | 6% | 0 |
| 005.11 | Ash, NIR (%) | 0613 | 7.2400 | 0.06000 | 7.7188 | 1.3061 | 0.06250 | 4 | -0.37 | 3% | 0 |
| 005.11 | Ash, NIR (%) | 0297 | 7.2500 | 0.08000 | 7.7188 | 1.3061 | 0.06250 | 4 | -0.36 | 3% | 0 |
| 005.11 | Ash, NIR (%) | 0720 | 9.6450 | 0.03000 | 7.7188 | 1.3061 | 0.06250 | 4 | 1.47 | 12% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0202 | 9.6700 | 0.04000 | 10.075 | 0.07074 | 0.07747 | 15 | -5.72 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 005.99 | Ash, Miscellaneous (%) | 0613 | 9.8150 | 0.07000 | 10.075 | 0.07074 | 0.07747 | 15 | -3.67 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0536 | 9.8250 | 0.09000 | 10.075 | 0.07074 | 0.07747 | 15 | -3.53 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0574 | 9.9550 | 0.09000 | 10.075 | 0.07074 | 0.07747 | 15 | -1.69 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0676 | 10.046 | 0.03200 | 10.075 | 0.07074 | 0.07747 | 15 | -0.41 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0652 | 10.050 | 0.30000 | 10.075 | 0.07074 | 0.07747 | 15 | -0.35 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0546 | 10.080 | 0.02000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.07 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0673 | 10.100 | 0.20000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.36 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0716 | 10.100 | 0.00000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.36 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 2004 | 10.100 | 0.00000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.36 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0884 | 10.115 | 0.03000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.57 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0728 | 10.130 | 0.02000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.78 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0939 | 10.130 | 0.18000 | 10.075 | 0.07074 | 0.07747 | 15 | 0.78 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0629 | 10.150 | 0.04000 | 10.075 | 0.07074 | 0.07747 | 15 | 1.06 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 2023 | 10.165 | 0.05000 | 10.075 | 0.07074 | 0.07747 | 15 | 1.28 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (%) | 0826 | 7.4500 | 1.3000 | 10.075 | 0.07074 | 0.07747 | 15 | -37.10 | 13% | 2 |
| 006.00 | Total sugars, As sucrose (%) | 0921 | 4.3900 | 0.00000 | 4.6925 | 0.42780 | 0.06500 | 2 | -0.71 | 3% | 0 |
| 006.00 | Total sugars, As sucrose (%) | 0939 | 4.9950 | 0.13000 | 4.6925 | 0.42780 | 0.06500 | 2 | 0.71 | 3% | 0 |
| 006.01 | Total sugars, Mod. Fehling Soln (%) | 0689 | 5.3500 | 0.10000 | | | 0.10000 | 1 | | | |
| 006.03 | Total sugars, Invert w/o Invrn (%) | 0673 | 6.0000 | 0.00000 | | | 0.00000 | 1 | | | |
| 006.05 | Total sugars, TSI, Lane-Eunon (12th) (%) | 0366 | 20.600 | 0.00000 | | | 0.00000 | 1 | | | |
| 006.99 | Total sugars, Miscellaneous (%) | 0227 | 3.1950 | 0.15000 | 5.3037 | 1.9610 | 0.06883 | 8 | -1.08 | 20% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 2004 | 3.5000 | 0.00000 | 5.3037 | 1.9610 | 0.06883 | 8 | -0.92 | 17% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0946 | 4.1542 | 0.00060 | 5.3037 | 1.9610 | 0.06883 | 8 | -0.59 | 11% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0723 | 4.8100 | 0.02000 | 5.3037 | 1.9610 | 0.06883 | 8 | -0.25 | 5% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0956 | 5.1500 | 0.10000 | 5.3037 | 1.9610 | 0.06883 | 8 | -0.08 | 1% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0951 | 6.6750 | 0.17000 | 5.3037 | 1.9610 | 0.06883 | 8 | 0.70 | 13% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0912 | 7.0500 | 0.10000 | 5.3037 | 1.9610 | 0.06883 | 8 | 0.89 | 16% | 0 |
| 006.99 | Total sugars, Miscellaneous (%) | 0720 | 7.8950 | 0.01000 | 5.3037 | 1.9610 | 0.06883 | 8 | 1.32 | 24% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0405 | 6.4950 | 0.03000 | 18.501 | 2.0032 | 0.33871 | 14 | -5.99 | 32% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0948 | 15.805 | 0.21000 | 18.501 | 2.0032 | 0.33871 | 14 | -1.35 | 7% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0676 | 16.204 | 0.10200 | 18.501 | 2.0032 | 0.33871 | 14 | -1.15 | 6% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0675 | 16.645 | 0.01000 | 18.501 | 2.0032 | 0.33871 | 14 | -0.93 | 5% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0609 | 17.625 | 0.03000 | 18.501 | 2.0032 | 0.33871 | 14 | -0.44 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0673 | 18.500 | 0.00000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.00 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0098 | 18.530 | 0.64000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.01 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0038 | 19.210 | 0.54000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.35 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0309 | 19.225 | 0.55000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.36 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0353 | 19.245 | 0.49000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.37 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0148 | 19.250 | 0.06000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.37 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0226 | 20.150 | 0.30000 | 18.501 | 2.0032 | 0.33871 | 14 | 0.82 | 4% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0187 | 20.800 | 0.02000 | 18.501 | 2.0032 | 0.33871 | 14 | 1.15 | 6% | 0 |
| 008.02 | Fiber, Acid Detergent, (%) | 0728 | 33.610 | 1.7600 | 18.501 | 2.0032 | 0.33871 | 14 | 7.54 | 41% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------------|----------|----------|---------|---------------|--------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 008.02 | Fiber, Acid Detergent, (%) | 0504 | 23.185 | 7.2900 | 18.501 | 2.0032 | 0.33871 | 14 | 2.34 | 13% | 1 |
| 008.05 | Fiber, Acid Detergent, Hach (%) | 0265 | 18.800 | 0.20000 | | | 0.20000 | 1 | | | |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0848 | 12.840 | 0.08000 | 17.292 | 1.5041 | 0.33556 | 36 | -2.96 | 13% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0882 | 13.210 | 0.18000 | 17.292 | 1.5041 | 0.33556 | 36 | -2.71 | 12% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0178 | 14.470 | 0.72000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.88 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0723 | 14.510 | 0.02000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.85 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0354 | 14.815 | 0.07000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.65 | 7% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0861 | 15.110 | 0.40000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.45 | 6% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0653 | 15.535 | 0.37000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.17 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0939 | 15.540 | 0.08000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.16 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0968 | 15.605 | 0.01000 | 17.292 | 1.5041 | 0.33556 | 36 | -1.12 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0066 | 16.380 | 0.62000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.61 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0294 | 16.400 | 0.00000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.59 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0918 | 16.720 | 0.30000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.38 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0148 | 17.035 | 0.01000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.17 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0035 | 17.050 | 0.04000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.16 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0956 | 17.050 | 0.10000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.16 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0413 | 17.200 | 0.20000 | 17.292 | 1.5041 | 0.33556 | 36 | -0.06 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0164 | 17.400 | 0.40000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.07 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0042 | 17.405 | 0.61000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.08 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0083 | 17.445 | 0.29000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.10 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 2004 | 17.450 | 0.30000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.11 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0357 | 17.600 | 0.20000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.20 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0358 | 18.080 | 0.80000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.52 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0646 | 18.080 | 0.36000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.52 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0297 | 18.110 | 0.90000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.54 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0407 | 18.135 | 0.03000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.56 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0581 | 18.235 | 0.59000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.63 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0106 | 18.285 | 0.23000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.66 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0001 | 18.305 | 0.55000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.67 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0278 | 18.350 | 0.50000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.70 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0510 | 18.350 | 0.30000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.70 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0592 | 18.520 | 0.27000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.82 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0912 | 18.720 | 0.04000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.95 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0263 | 19.038 | 0.05000 | 17.292 | 1.5041 | 0.33556 | 36 | 1.16 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0037 | 19.310 | 0.06000 | 17.292 | 1.5041 | 0.33556 | 36 | 1.34 | 6% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0045 | 20.200 | 1.2000 | 17.292 | 1.5041 | 0.33556 | 36 | 1.93 | 8% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0693 | 20.600 | 1.2000 | 17.292 | 1.5041 | 0.33556 | 36 | 2.20 | 10% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (%) | 0049 | 18.140 | 1.7000 | 17.292 | 1.5041 | 0.33556 | 36 | 0.56 | 2% | 1 |
| 008.99 | Fiber, Acid Detergent, Miscellaneous (%) | 0720 | 14.460 | 0.02000 | 16.630 | 3.0688 | 0.04000 | 2 | -0.71 | 7% | 0 |
| 008.99 | Fiber, Acid Detergent, Miscellaneous (%) | 0035 | 18.800 | 0.06000 | 16.630 | 3.0688 | 0.04000 | 2 | 0.71 | 7% | 0 |
| 009.04 | Fiber, Neutral Detergent, No ENZ Pretreat (%) | 0504 | 33.800 | 5.1600 | 37.963 | 5.8867 | 2.6150 | 2 | -0.71 | 5% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------------|----------|----------|---------|---------------|--------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 009.04 | Fiber, Neutral Detergent, No ENZ Pretreat (%) | 0868 | 42.125 | 0.07000 | 37.963 | 5.8867 | 2.6150 | 2 | 0.71 | 5% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0592 | 34.088 | 0.34500 | 36.481 | 1.0847 | 0.38022 | 9 | -2.21 | 3% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0353 | 35.660 | 0.26000 | 36.481 | 1.0847 | 0.38022 | 9 | -0.76 | 1% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0675 | 35.870 | 0.42000 | 36.481 | 1.0847 | 0.38022 | 9 | -0.56 | 1% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0226 | 36.200 | 0.20000 | 36.481 | 1.0847 | 0.38022 | 9 | -0.26 | 0% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0098 | 36.350 | 1.1000 | 36.481 | 1.0847 | 0.38022 | 9 | -0.12 | 0% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0187 | 36.775 | 0.01000 | 36.481 | 1.0847 | 0.38022 | 9 | 0.27 | 0% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0309 | 36.995 | 0.53000 | 36.481 | 1.0847 | 0.38022 | 9 | 0.47 | 1% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0609 | 37.775 | 0.21000 | 36.481 | 1.0847 | 0.38022 | 9 | 1.19 | 2% | 0 |
| 009.07 | Fiber, Neutral Detergent, ENZ Pretreat (%) | 0676 | 38.485 | 0.34700 | 36.481 | 1.0847 | 0.38022 | 9 | 1.85 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0956 | 31.400 | 0.20000 | 33.177 | 1.3338 | 0.42097 | 31 | -1.33 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0294 | 31.550 | 0.10000 | 33.177 | 1.3338 | 0.42097 | 31 | -1.22 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0861 | 31.700 | 0.44000 | 33.177 | 1.3338 | 0.42097 | 31 | -1.11 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0939 | 31.880 | 0.34000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.97 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 2004 | 31.950 | 1.1000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.92 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0001 | 32.135 | 0.63000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.78 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0357 | 32.150 | 0.30000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.77 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0413 | 32.150 | 0.10000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.77 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0066 | 32.190 | 0.78000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.74 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0049 | 32.295 | 0.05000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.66 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0723 | 32.380 | 0.02000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.60 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0083 | 32.400 | 0.40000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.58 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0882 | 32.450 | 0.58000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.55 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0581 | 32.480 | 0.96000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.52 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0407 | 32.500 | 0.20000 | 33.177 | 1.3338 | 0.42097 | 31 | -0.51 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0354 | 32.805 | 1.7300 | 33.177 | 1.3338 | 0.42097 | 31 | -0.28 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0265 | 33.350 | 0.30000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.13 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0164 | 33.550 | 0.30000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.28 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0653 | 33.630 | 0.30000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.34 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0278 | 33.750 | 0.70000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.43 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0918 | 33.770 | 0.38000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.44 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0178 | 34.015 | 0.69000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.63 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0646 | 34.085 | 0.49000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.68 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0106 | 34.225 | 0.73000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.79 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0912 | 34.520 | 0.04000 | 33.177 | 1.3338 | 0.42097 | 31 | 1.01 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0510 | 35.200 | 0.00000 | 33.177 | 1.3338 | 0.42097 | 31 | 1.52 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0037 | 35.480 | 0.06000 | 33.177 | 1.3338 | 0.42097 | 31 | 1.73 | 3% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0968 | 35.645 | 0.01000 | 33.177 | 1.3338 | 0.42097 | 31 | 1.85 | 4% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0045 | 36.550 | 0.10000 | 33.177 | 1.3338 | 0.42097 | 31 | 2.53 | 5% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0297 | 36.660 | 0.12000 | 33.177 | 1.3338 | 0.42097 | 31 | 2.61 | 5% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0693 | 36.750 | 0.90000 | 33.177 | 1.3338 | 0.42097 | 31 | 2.68 | 5% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (%) | 0948 | 34.260 | 2.1000 | 33.177 | 1.3338 | 0.42097 | 31 | 0.81 | 2% | 1 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0728 | 15.925 | 0.67000 | 31.535 | 11.156 | 0.42000 | 4 | -1.40 | 25% | 0 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0720 | 32.485 | 0.09000 | 31.535 | 11.156 | 0.42000 | 4 | 0.09 | 2% | 0 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0673 | 35.600 | 0.00000 | 31.535 | 11.156 | 0.42000 | 4 | 0.36 | 6% | 0 |
| 009.99 | Fiber, Neutral Detergent, Miscellaneous (%) | 0613 | 42.130 | 0.92000 | 31.535 | 11.156 | 0.42000 | 4 | 0.95 | 17% | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0826 | 5.3050 | 0.59000 | 6.9050 | 1.3036 | 0.25563 | 4 | -1.23 | 12% | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0546 | 6.6101 | 0.02250 | 6.9050 | 1.3036 | 0.25563 | 4 | -0.23 | 2% | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0843 | 7.2800 | 0.20000 | 6.9050 | 1.3036 | 0.25563 | 4 | 0.29 | 3% | 0 |
| 010.03 | Moisture, Karl-Fischer (%) | 0164 | 8.4250 | 0.21000 | 6.9050 | 1.3036 | 0.25563 | 4 | 1.17 | 11% | 0 |
| 010.11 | Moisture, NIR (%) | 0038 | 7.4250 | 0.15000 | 8.8390 | 0.92686 | 0.05400 | 5 | -1.53 | 8% | 0 |
| 010.11 | Moisture, NIR (%) | 2043 | 8.5600 | 0.04000 | 8.8390 | 0.92686 | 0.05400 | 5 | -0.30 | 2% | 0 |
| 010.11 | Moisture, NIR (%) | 0613 | 8.8850 | 0.03000 | 8.8390 | 0.92686 | 0.05400 | 5 | 0.05 | 0% | 0 |
| 010.11 | Moisture, NIR (%) | 0720 | 9.6450 | 0.01000 | 8.8390 | 0.92686 | 0.05400 | 5 | 0.87 | 5% | 0 |
| 010.11 | Moisture, NIR (%) | 0951 | 9.6800 | 0.04000 | 8.8390 | 0.92686 | 0.05400 | 5 | 0.91 | 5% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0613 | 8.2500 | 0.10000 | 8.6978 | 0.26226 | 0.07717 | 11 | -1.71 | 3% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0673 | 8.5000 | 0.20000 | 8.6978 | 0.26226 | 0.07717 | 11 | -0.75 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0948 | 8.5250 | 0.03000 | 8.6978 | 0.26226 | 0.07717 | 11 | -0.66 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0722 | 8.5660 | 0.08890 | 8.6978 | 0.26226 | 0.07717 | 11 | -0.50 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0939 | 8.6050 | 0.03000 | 8.6978 | 0.26226 | 0.07717 | 11 | -0.35 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0716 | 8.7000 | 0.00000 | 8.6978 | 0.26226 | 0.07717 | 11 | 0.01 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0884 | 8.7200 | 0.14000 | 8.6978 | 0.26226 | 0.07717 | 11 | 0.08 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0921 | 8.7500 | 0.00000 | 8.6978 | 0.26226 | 0.07717 | 11 | 0.20 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0952 | 8.9300 | 0.04000 | 8.6978 | 0.26226 | 0.07717 | 11 | 0.89 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 2004 | 8.9800 | 0.02000 | 8.6978 | 0.26226 | 0.07717 | 11 | 1.08 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0405 | 9.6100 | 0.20000 | 8.6978 | 0.26226 | 0.07717 | 11 | 3.48 | 5% | 0 |
| 010.99 | Moisture, Miscellaneous (%) | 0168 | 7.9550 | 0.41000 | 8.6978 | 0.26226 | 0.07717 | 11 | -2.83 | 4% | 1 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 2016 | 8.8750 | 0.51000 | 10.098 | 0.40028 | 0.11450 | 82 | -3.06 | 6% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0175 | 8.9000 | 0.40000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.99 | 6% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0660 | 9.0550 | 0.05000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.61 | 5% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0598 | 9.0900 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.52 | 5% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0848 | 9.2050 | 0.13000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.23 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0874 | 9.2500 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.12 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0051 | 9.2700 | 0.22000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.07 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 2006 | 9.3350 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.91 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0294 | 9.4000 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.74 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0960 | 9.4550 | 0.17000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.61 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1006 | 9.4950 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.51 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0843 | 9.5000 | 0.20000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.50 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0674 | 9.5200 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.45 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0510 | 9.6500 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.12 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0298 | 9.6500 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.12 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0880 | 9.6500 | 0.30000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.12 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0164 | 9.6600 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.10 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 2022 | 9.7150 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.96 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0675 | 9.7250 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.93 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0781 | 9.7567 | 0.03030 | 10.098 | 0.40028 | 0.11450 | 82 | -0.85 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0653 | 9.8050 | 0.11000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.73 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0596 | 9.8450 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.63 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0152 | 9.8500 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.62 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0138 | 9.8550 | 0.14000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.61 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0650 | 9.8650 | 0.29000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.58 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0953 | 9.8650 | 0.05000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.58 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0658 | 9.8896 | 0.06790 | 10.098 | 0.40028 | 0.11450 | 82 | -0.52 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0062 | 9.9195 | 0.08700 | 10.098 | 0.40028 | 0.11450 | 82 | -0.45 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0744 | 9.9200 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.45 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0148 | 9.9300 | 0.12000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.42 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0171 | 9.9300 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.42 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0770 | 9.9650 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.33 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0957 | 10.035 | 0.21000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0008 | 10.070 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.07 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0830 | 10.080 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.05 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0354 | 10.100 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.00 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0968 | 10.122 | 0.02300 | 10.098 | 0.40028 | 0.11450 | 82 | 0.06 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0539 | 10.125 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.07 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0818 | 10.150 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.13 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0682 | 10.165 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.17 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0194 | 10.175 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.19 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0100 | 10.190 | 0.22000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.23 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0563 | 10.190 | 0.01110 | 10.098 | 0.40028 | 0.11450 | 82 | 0.23 | 0% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0620 | 10.206 | 0.06020 | 10.098 | 0.40028 | 0.11450 | 82 | 0.27 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 2054 | 10.207 | 0.00630 | 10.098 | 0.40028 | 0.11450 | 82 | 0.27 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0026 | 10.215 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.29 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0651 | 10.220 | 0.06100 | 10.098 | 0.40028 | 0.11450 | 82 | 0.30 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0511 | 10.230 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.33 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1013 | 10.230 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.33 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0574 | 10.245 | 0.29000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.37 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0861 | 10.245 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.37 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0824 | 10.250 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.38 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0229 | 10.260 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.40 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0552 | 10.260 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.40 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0066 | 10.265 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.42 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0670 | 10.265 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.42 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0728 | 10.265 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.42 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0722 | 10.272 | 0.00190 | 10.098 | 0.40028 | 0.11450 | 82 | 0.43 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0777 | 10.290 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.48 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0589 | 10.320 | 0.20000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.55 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0723 | 10.320 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.55 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0553 | 10.325 | 0.21000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.57 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0358 | 10.345 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.62 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0242 | 10.350 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.63 | 1% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0541 | 10.410 | 0.28000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.78 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0622 | 10.419 | 0.46040 | 10.098 | 0.40028 | 0.11450 | 82 | 0.80 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0790 | 10.425 | 0.05000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.82 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0959 | 10.435 | 0.19000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.84 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0205 | 10.465 | 0.19000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.92 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0958 | 10.500 | 0.30000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.00 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0144 | 10.505 | 0.43000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.02 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0098 | 10.525 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.07 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0798 | 10.540 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.10 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0840 | 10.550 | 0.24000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.13 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0822 | 10.580 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.20 | 2% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0265 | 10.650 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.38 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0749 | 10.660 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.40 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0309 | 10.750 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.63 | 3% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0202 | 10.830 | 0.26000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.83 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0407 | 10.830 | 0.28000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.83 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0646 | 10.975 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 2.19 | 4% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0913 | 11.515 | 0.31000 | 10.098 | 0.40028 | 0.11450 | 82 | 3.54 | 7% | 0 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0108 | 11.625 | 1.3300 | 10.098 | 0.40028 | 0.11450 | 82 | 3.81 | 8% | 1 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0226 | 90.650 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 201.24 | 399% | 2 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0775 | 8.9050 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -2.98 | 6% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1000 | 9.4350 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.66 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0776 | 9.4850 | 0.15000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.53 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0760 | 9.5850 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.28 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0761 | 9.6500 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | -1.12 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0782 | 9.7338 | 0.03060 | 10.098 | 0.40028 | 0.11450 | 82 | -0.91 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0765 | 9.7350 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.91 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0768 | 9.7350 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.91 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1007 | 9.7585 | 0.05860 | 10.098 | 0.40028 | 0.11450 | 82 | -0.85 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0747 | 9.8625 | 0.09900 | 10.098 | 0.40028 | 0.11450 | 82 | -0.59 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0772 | 9.8700 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.57 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0774 | 9.8800 | 0.12000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.55 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0766 | 9.8900 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.52 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0773 | 9.9000 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.50 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0828 | 9.9050 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.48 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0771 | 9.9200 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.45 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0764 | 9.9350 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.41 | 1% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0811 | 10.000 | 0.16000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.25 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0816 | 10.015 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.21 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0838 | 10.025 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.18 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0741 | 10.030 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.17 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0742 | 10.035 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.16 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0817 | 10.085 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | -0.03 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1005 | 10.105 | 0.13000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.02 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1009 | 10.110 | 0.12000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.03 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0808 | 10.115 | 0.11000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.04 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0794 | 10.130 | 0.16000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.08 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0814 | 10.145 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.12 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1002 | 10.145 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.12 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0815 | 10.155 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.14 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0746 | 10.155 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.14 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0780 | 10.160 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.15 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0813 | 10.170 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.18 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0825 | 10.175 | 0.03000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.19 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0779 | 10.180 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.20 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1003 | 10.185 | 0.07000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.22 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0745 | 10.195 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.24 | 0% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0812 | 10.200 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.25 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0823 | 10.220 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.30 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0836 | 10.220 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.30 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0831 | 10.225 | 0.05000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.32 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0734 | 10.235 | 0.37000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.34 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0740 | 10.235 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.34 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0736 | 10.285 | 0.05000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.47 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0739 | 10.295 | 0.47000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.49 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0738 | 10.310 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.53 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0791 | 10.330 | 0.38000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.58 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0805 | 10.345 | 0.17000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.62 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0752 | 10.365 | 0.11000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.67 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0820 | 10.370 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.68 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1010 | 10.400 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.75 | 1% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0810 | 10.410 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.78 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0832 | 10.420 | 0.16000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.80 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0778 | 10.430 | 0.06000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.83 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0748 | 10.435 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.84 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0801 | 10.445 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.87 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0800 | 10.475 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.94 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0841 | 10.475 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.94 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0795 | 10.485 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.97 | 2% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0796 | 10.490 | 0.14000 | 10.098 | 0.40028 | 0.11450 | 82 | 0.98 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0756 | 10.510 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.03 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0803 | 10.510 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.03 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0753 | 10.525 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.07 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0834 | 10.525 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.07 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1008 | 10.530 | 0.18000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.08 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0835 | 10.530 | 0.24000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.08 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0809 | 10.540 | 0.16000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.10 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 1012 | 10.565 | 0.01000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.17 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0821 | 10.570 | 0.18000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.18 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0829 | 10.580 | 0.04000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.20 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0802 | 10.600 | 0.20000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.25 | 2% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0755 | 10.605 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.27 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0807 | 10.620 | 0.12000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.30 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0751 | 10.635 | 0.09000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.34 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0754 | 10.640 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.35 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0804 | 10.650 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.38 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0797 | 10.675 | 0.15000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.44 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0799 | 10.680 | 0.02000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.45 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0750 | 10.700 | 0.10000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.50 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0827 | 10.705 | 0.33000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.52 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0806 | 10.750 | 0.26000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.63 | 3% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0758 | 10.810 | 0.00000 | 10.098 | 0.40028 | 0.11450 | 82 | 1.78 | 4% | 8 |
| 011.01 | Loss on Drying, 135 °C 2hr (%) | 0819 | 10.950 | 0.08000 | 10.098 | 0.40028 | 0.11450 | 82 | 2.13 | 4% | 8 |
| 011.02 | Loss on drying, 130°C for 2 hours (%) | 0942 | 9.2750 | 0.55000 | 9.8499 | 0.46339 | 0.38834 | 5 | -1.24 | 3% | 0 |
| 011.02 | Loss on drying, 130°C for 2 hours (%) | 0574 | 9.5250 | 0.65000 | 9.8499 | 0.46339 | 0.38834 | 5 | -0.70 | 2% | 0 |
| 011.02 | Loss on drying, 130°C for 2 hours (%) | 0417 | 9.8500 | 0.46000 | 9.8499 | 0.46339 | 0.38834 | 5 | 0.00 | 0% | 0 |
| 011.02 | Loss on drying, 130°C for 2 hours (%) | 2054 | 10.204 | 0.01170 | 9.8499 | 0.46339 | 0.38834 | 5 | 0.77 | 2% | 0 |
| 011.02 | Loss on drying, 130°C for 2 hours (%) | 2023 | 10.395 | 0.27000 | 9.8499 | 0.46339 | 0.38834 | 5 | 1.18 | 3% | 0 |
| 011.03 | Loss on Drying, 130°C for 1 hour, flour (%) | 0681 | 8.9050 | 0.93000 | | | 0.93000 | 1 | | | |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous | 0541 | 9.5500 | 0.48000 | 9.9475 | 0.56215 | 0.24500 | 2 | -0.71 | 2% | 0 |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous | 0852 | 10.345 | 0.01000 | 9.9475 | 0.56215 | 0.24500 | 2 | 0.71 | 2% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0682 | 11.195 | 0.05000 | 12.474 | 0.47595 | 0.08300 | 10 | -2.69 | 5% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0951 | 12.070 | 0.00000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.85 | 2% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0178 | 12.225 | 0.11000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.52 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0354 | 12.280 | 0.22000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.41 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0716 | 12.400 | 0.00000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.15 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 2023 | 12.450 | 0.10000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.05 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0723 | 12.470 | 0.02000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.01 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0878 | 12.950 | 0.10000 | 12.474 | 0.47595 | 0.08300 | 10 | 1.00 | 2% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0689 | 13.100 | 0.20000 | 12.474 | 0.47595 | 0.08300 | 10 | 1.32 | 3% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0609 | 14.655 | 0.03000 | 12.474 | 0.47595 | 0.08300 | 10 | 4.58 | 9% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 012.00 | Starch, Polarimetric (Ewers) (%) | 0673 | 12.250 | 2.1000 | 12.474 | 0.47595 | 0.08300 | 10 | -0.47 | 1% | 1 |
| 012.01 | Starch, Megazyme (%) | 0918 | 10.295 | 0.53000 | 11.316 | 1.1445 | 0.35840 | 5 | -0.89 | 5% | 0 |
| 012.01 | Starch, Megazyme (%) | 0676 | 10.683 | 0.06200 | 11.316 | 1.1445 | 0.35840 | 5 | -0.55 | 3% | 0 |
| 012.01 | Starch, Megazyme (%) | 0956 | 10.700 | 0.00000 | 11.316 | 1.1445 | 0.35840 | 5 | -0.54 | 3% | 0 |
| 012.01 | Starch, Megazyme (%) | 2004 | 11.800 | 1.0000 | 11.316 | 1.1445 | 0.35840 | 5 | 0.42 | 2% | 0 |
| 012.01 | Starch, Megazyme (%) | 0265 | 13.100 | 0.20000 | 11.316 | 1.1445 | 0.35840 | 5 | 1.56 | 8% | 0 |
| 012.03 | Starch, Enzymatic (%) | 0297 | 11.265 | 0.15000 | 11.970 | 0.74882 | 0.53600 | 5 | -0.94 | 3% | 0 |
| 012.03 | Starch, Enzymatic (%) | 0885 | 11.440 | 0.04000 | 11.970 | 0.74882 | 0.53600 | 5 | -0.71 | 2% | 0 |
| 012.03 | Starch, Enzymatic (%) | 0407 | 11.965 | 0.09000 | 11.970 | 0.74882 | 0.53600 | 5 | -0.01 | 0% | 0 |
| 012.03 | Starch, Enzymatic (%) | 0098 | 12.000 | 1.2000 | 11.970 | 0.74882 | 0.53600 | 5 | 0.04 | 0% | 0 |
| 012.03 | Starch, Enzymatic (%) | 0613 | 13.180 | 1.2000 | 11.970 | 0.74882 | 0.53600 | 5 | 1.62 | 5% | 0 |
| 012.04 | Starch, YSI Analyzer (%) | 0510 | 9.2500 | 0.30000 | 10.873 | 1.6386 | 0.13000 | 5 | -0.99 | 7% | 0 |
| 012.04 | Starch, YSI Analyzer (%) | 0008 | 9.8000 | 0.00000 | 10.873 | 1.6386 | 0.13000 | 5 | -0.65 | 5% | 0 |
| 012.04 | Starch, YSI Analyzer (%) | 0278 | 10.450 | 0.30000 | 10.873 | 1.6386 | 0.13000 | 5 | -0.26 | 2% | 0 |
| 012.04 | Starch, YSI Analyzer (%) | 0353 | 11.455 | 0.01000 | 10.873 | 1.6386 | 0.13000 | 5 | 0.36 | 3% | 0 |
| 012.04 | Starch, YSI Analyzer (%) | 0106 | 13.410 | 0.04000 | 10.873 | 1.6386 | 0.13000 | 5 | 1.55 | 12% | 0 |
| 012.11 | Starch, NIR (%) | 0297 | 12.095 | 0.25000 | 13.776 | 1.8296 | 0.25250 | 4 | -0.92 | 6% | 0 |
| 012.11 | Starch, NIR (%) | 0720 | 12.675 | 0.01000 | 13.776 | 1.8296 | 0.25250 | 4 | -0.60 | 4% | 0 |
| 012.11 | Starch, NIR (%) | 0951 | 14.135 | 0.69000 | 13.776 | 1.8296 | 0.25250 | 4 | 0.20 | 1% | 0 |
| 012.11 | Starch, NIR (%) | 0613 | 16.200 | 0.06000 | 13.776 | 1.8296 | 0.25250 | 4 | 1.32 | 9% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0951 | 3.7250 | 0.01000 | 5.1250 | 0.45389 | 0.21250 | 16 | -3.08 | 14% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0689 | 4.6500 | 0.10000 | 5.1250 | 0.45389 | 0.21250 | 16 | -1.05 | 5% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0948 | 4.7350 | 0.05000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.86 | 4% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0910 | 4.8250 | 0.09000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.66 | 3% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0242 | 4.8550 | 0.15000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.59 | 3% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0229 | 4.9000 | 0.60000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.50 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 2004 | 4.9000 | 0.00000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.50 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0083 | 4.9500 | 0.50000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.39 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 2016 | 5.1000 | 0.64000 | 5.1250 | 0.45389 | 0.21250 | 16 | -0.06 | 0% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0681 | 5.2950 | 0.21000 | 5.1250 | 0.45389 | 0.21250 | 16 | 0.37 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0884 | 5.3300 | 0.26000 | 5.1250 | 0.45389 | 0.21250 | 16 | 0.45 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0309 | 5.4700 | 0.24000 | 5.1250 | 0.45389 | 0.21250 | 16 | 0.76 | 3% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 2023 | 5.4850 | 0.07000 | 5.1250 | 0.45389 | 0.21250 | 16 | 0.79 | 4% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0861 | 5.9500 | 0.00000 | 5.1250 | 0.45389 | 0.21250 | 16 | 1.82 | 8% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0826 | 6.1400 | 0.14000 | 5.1250 | 0.45389 | 0.21250 | 16 | 2.24 | 10% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0504 | 6.6800 | 0.34000 | 5.1250 | 0.45389 | 0.21250 | 16 | 3.43 | 15% | 0 |
| 013.00 | Fat, Acid hydrolysis (%) | 0809 | 5.1550 | 0.75000 | 5.1250 | 0.45389 | 0.21250 | 16 | 0.07 | 0% | 8 |
| 013.02 | Fat, Mojonner, Bak Ext (%) | 0148 | 4.4550 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.34 | 8% | 0 |
| 013.02 | Fat, Mojonner, Bak Ext (%) | 0874 | 4.4600 | 0.20000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.33 | 8% | 0 |
| 013.02 | Fat, Mojonner, Bak Ext (%) | 0777 | 4.7100 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.60 | 5% | 0 |
| 013.02 | Fat, Mojonner, Bak Ext (%) | 0749 | 4.8200 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.28 | 4% | 0 |
| 013.02 | Fat, Mojonner, Bak Ext (%) | 0744 | 4.9550 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.88 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0840 | 4.9650 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.85 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0818 | 4.9750 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.82 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0830 | 5.0450 | 0.15000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.62 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0824 | 5.0500 | 0.10000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.61 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0171 | 5.0950 | 0.09000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.48 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0798 | 5.1250 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.39 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0958 | 5.1350 | 0.41000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.36 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0960 | 5.2400 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.05 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0770 | 5.2550 | 0.09000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.01 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0921 | 5.2550 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.01 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0675 | 5.3250 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.20 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0100 | 5.3500 | 0.06000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.27 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0008 | 5.3950 | 0.09000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.40 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0790 | 5.4000 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.41 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0643 | 5.4050 | 0.07000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.43 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0650 | 5.4600 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.59 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1006 | 5.4750 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.63 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0016 | 5.4800 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.65 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0957 | 5.5150 | 0.11000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.75 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0051 | 5.6100 | 0.34000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.03 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0164 | 5.6500 | 0.00000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.14 | 4% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0354 | 5.7150 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.33 | 4% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0959 | 5.8000 | 0.44000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.58 | 5% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0682 | 6.1600 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | 2.63 | 9% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0337 | 5.7000 | 1.1800 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.29 | 4% | 1 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0776 | 4.1850 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | -3.13 | 10% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0775 | 4.2750 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.87 | 9% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0760 | 4.3800 | 0.00000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.56 | 8% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0752 | 4.4750 | 0.17000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.28 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0832 | 4.4800 | 0.16000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.27 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0747 | 4.4834 | 0.35790 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.26 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0778 | 4.4950 | 0.03000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.22 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0750 | 4.5100 | 0.14000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.18 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0734 | 4.5150 | 0.55000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.17 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0835 | 4.5200 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.15 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1012 | 4.5500 | 0.04000 | 5.2580 | 0.34300 | 0.11310 | 29 | -2.06 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0834 | 4.5950 | 0.07000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.93 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0742 | 4.6150 | 0.21000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.87 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0779 | 4.6150 | 0.03000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.87 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0751 | 4.6450 | 0.25000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.79 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0740 | 4.6500 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.77 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0746 | 4.6550 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.76 | 6% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0827 | 4.6550 | 0.63000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.76 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0739 | 4.6800 | 0.24000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.69 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0753 | 4.7000 | 0.16000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.63 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0780 | 4.7100 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.60 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0741 | 4.7200 | 0.36000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.57 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0754 | 4.7300 | 0.16000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.54 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0756 | 4.7350 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.52 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0758 | 4.7700 | 0.00000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.42 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1009 | 4.7950 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.35 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0761 | 4.8100 | 0.04000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.31 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1008 | 4.8400 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.22 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0755 | 4.8600 | 0.44000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.16 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0812 | 4.8900 | 0.04000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.07 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0831 | 4.9100 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -1.01 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0823 | 4.9200 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.99 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0836 | 4.9250 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.97 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0748 | 4.9450 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.91 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0825 | 4.9500 | 0.10000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.90 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0816 | 4.9900 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.78 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0774 | 5.0100 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.72 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0764 | 5.0200 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.69 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0813 | 5.0300 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.66 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0815 | 5.0550 | 0.27000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.59 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1003 | 5.0600 | 0.08000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.58 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1002 | 5.0800 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.52 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0736 | 5.0850 | 0.19000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.50 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0799 | 5.0850 | 0.45000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.50 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0814 | 5.0850 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.50 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0817 | 5.0950 | 0.05000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.48 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0773 | 5.1250 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.39 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0810 | 5.1250 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.39 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0766 | 5.1500 | 0.10000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.31 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0808 | 5.1550 | 0.19000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.30 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0800 | 5.1750 | 0.55000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.24 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0771 | 5.2050 | 0.03000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.15 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0765 | 5.2150 | 0.01000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.13 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0768 | 5.2200 | 0.04000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.11 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0772 | 5.2500 | 0.04000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.02 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1005 | 5.2500 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | -0.02 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0828 | 5.2600 | 0.02000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.01 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0811 | 5.2800 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.06 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0806 | 5.3200 | 0.10000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.18 | 1% | 8 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0841 | 5.3400 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.24 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1000 | 5.4300 | 0.06000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.50 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0791 | 5.4550 | 0.31000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.57 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 1010 | 5.4650 | 0.09000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.60 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0745 | 5.5550 | 0.13000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.87 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0805 | 5.5700 | 0.22000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.91 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0804 | 5.5800 | 0.20000 | 5.2580 | 0.34300 | 0.11310 | 29 | 0.94 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0803 | 5.6550 | 0.25000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.16 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0801 | 5.7700 | 0.10000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.49 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0796 | 5.7950 | 0.25000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.57 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0807 | 5.8100 | 0.14000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.61 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0802 | 5.8250 | 0.19000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.65 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0795 | 5.8600 | 0.22000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.76 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0797 | 5.9000 | 0.12000 | 5.2580 | 0.34300 | 0.11310 | 29 | 1.87 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (%) | 0794 | 6.4000 | 0.06000 | 5.2580 | 0.34300 | 0.11310 | 29 | 3.33 | 11% | 8 |
| 013.08 | Fat, Roesse-Gottlieb Modified (%) | 0618 | 1.8007 | 0.19410 | | | 0.19410 | 1 | | | |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0845 | 3.7450 | 0.03000 | 4.8621 | 0.45738 | 0.13083 | 12 | -2.44 | 11% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0033 | 4.2400 | 0.14000 | 4.8621 | 0.45738 | 0.13083 | 12 | -1.36 | 6% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 2034 | 4.2500 | 0.22000 | 4.8621 | 0.45738 | 0.13083 | 12 | -1.34 | 6% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 2003 | 4.7200 | 0.12000 | 4.8621 | 0.45738 | 0.13083 | 12 | -0.31 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0716 | 4.7950 | 0.01000 | 4.8621 | 0.45738 | 0.13083 | 12 | -0.15 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0673 | 4.8500 | 0.10000 | 4.8621 | 0.45738 | 0.13083 | 12 | -0.03 | 0% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0297 | 4.9250 | 0.01000 | 4.8621 | 0.45738 | 0.13083 | 12 | 0.14 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0353 | 4.9850 | 0.09000 | 4.8621 | 0.45738 | 0.13083 | 12 | 0.27 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0417 | 5.1500 | 0.18000 | 4.8621 | 0.45738 | 0.13083 | 12 | 0.63 | 3% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0652 | 5.1500 | 0.10000 | 4.8621 | 0.45738 | 0.13083 | 12 | 0.63 | 3% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0968 | 5.4290 | 0.15000 | 4.8621 | 0.45738 | 0.13083 | 12 | 1.24 | 6% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (%) | 0660 | 5.4300 | 0.42000 | 4.8621 | 0.45738 | 0.13083 | 12 | 1.24 | 6% | 0 |
| 013.12 | Fat, NIR- Acid Hydrolysis (%) | 0951 | 4.7250 | 0.05000 | 5.0000 | 0.38891 | 0.11000 | 2 | -0.71 | 3% | 0 |
| 013.12 | Fat, NIR- Acid Hydrolysis (%) | 0838 | 5.2750 | 0.17000 | 5.0000 | 0.38891 | 0.11000 | 2 | 0.71 | 3% | 0 |
| 013.13 | Fat, Ankom- Acid Hydrolysis (%) | 0955 | 4.9300 | 0.24000 | 5.7150 | 1.1339 | 0.51000 | 3 | -0.69 | 7% | 0 |
| 013.13 | Fat, Ankom- Acid Hydrolysis (%) | 0265 | 5.2000 | 0.20000 | 5.7150 | 1.1339 | 0.51000 | 3 | -0.45 | 5% | 0 |
| 013.13 | Fat, Ankom- Acid Hydrolysis (%) | 0581 | 7.0150 | 1.0900 | 5.7150 | 1.1339 | 0.51000 | 3 | 1.15 | 11% | 0 |
| 014.99 | Fiber, total dietary (TDF), Miscellaneous (%) | 0878 | 39.450 | 1.1000 | | | 1.1000 | 1 | | | |
| 015.41 | Aluminum, ICP, Dry ash (ppm) | 0049 | 167.34 | 2.2100 | 175.08 | 10.526 | 3.3815 | 5 | -0.74 | 2% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (ppm) | 0011 | 169.89 | 0.64750 | 175.08 | 10.526 | 3.3815 | 5 | -0.49 | 1% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (ppm) | 0171 | 171.65 | 7.3000 | 175.08 | 10.526 | 3.3815 | 5 | -0.33 | 1% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (ppm) | 0164 | 173.00 | 6.0000 | 175.08 | 10.526 | 3.3815 | 5 | -0.20 | 1% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (ppm) | 0964 | 193.53 | 0.75000 | 175.08 | 10.526 | 3.3815 | 5 | 1.75 | 5% | 0 |
| 015.42 | Aluminum, ICP, Open vessel (ppm) | 0560 | 104.80 | 6.0000 | | | 6.0000 | 1 | | | |
| 015.43 | Aluminum, ICP, Microwave (ppm) | 0510 | 76.500 | 3.0000 | 112.15 | 35.506 | 3.6825 | 4 | -1.00 | 16% | 0 |
| 015.43 | Aluminum, ICP, Microwave (ppm) | 0353 | 87.085 | 1.7300 | 112.15 | 35.506 | 3.6825 | 4 | -0.71 | 11% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 015.43 | Aluminum, ICP, Microwave (ppm) | 0169 | 138.00 | 0.00000 | 112.15 | 35.506 | 3.6825 | 4 | 0.73 | 12% | 0 |
| 015.43 | Aluminum, ICP, Microwave (ppm) | 0297 | 147.00 | 10.000 | 112.15 | 35.506 | 3.6825 | 4 | 0.98 | 16% | 0 |
| 015.52 | Aluminum, ICP-MS, Open vessel (ppm) | 0154 | 171.94 | 1.1700 | | | 1.1700 | 1 | | | |
| 015.53 | Aluminum, ICP-MS, Microwave (ppm) | 0912 | 122.81 | 0.01000 | 157.15 | 48.575 | 4.5050 | 2 | -0.71 | 11% | 0 |
| 015.53 | Aluminum, ICP-MS, Microwave (ppm) | 0553 | 191.50 | 9.0000 | 157.15 | 48.575 | 4.5050 | 2 | 0.71 | 11% | 0 |
| 017.41 | Boron, ICP, Dry ash (ppm) | 0358 | 3.2900 | 0.10000 | 3.8100 | 0.73539 | 0.34000 | 2 | -0.71 | 7% | 0 |
| 017.41 | Boron, ICP, Dry ash (ppm) | 0049 | 4.3300 | 0.58000 | 3.8100 | 0.73539 | 0.34000 | 2 | 0.71 | 7% | 0 |
| 017.42 | Boron, ICP, Open vessel (ppm) | 0045 | 3.5000 | 1.0000 | 3.6433 | 0.14012 | 0.44667 | 3 | -1.02 | 2% | 0 |
| 017.42 | Boron, ICP, Open vessel (ppm) | 0693 | 3.6500 | 0.30000 | 3.6433 | 0.14012 | 0.44667 | 3 | 0.05 | 0% | 0 |
| 017.42 | Boron, ICP, Open vessel (ppm) | 0560 | 3.7800 | 0.04000 | 3.6433 | 0.14012 | 0.44667 | 3 | 0.98 | 2% | 0 |
| 017.43 | Boron, ICP, Microwave (ppm) | 0297 | 0.00000 | 0.00000 | 3.8190 | 2.2409 | 0.04600 | 5 | -1.70 | 50% | 0 |
| 017.43 | Boron, ICP, Microwave (ppm) | 2055 | 4.1500 | 0.10000 | 3.8190 | 2.2409 | 0.04600 | 5 | 0.15 | 4% | 0 |
| 017.43 | Boron, ICP, Microwave (ppm) | 0353 | 4.1550 | 0.11000 | 3.8190 | 2.2409 | 0.04600 | 5 | 0.15 | 4% | 0 |
| 017.43 | Boron, ICP, Microwave (ppm) | 0510 | 5.0000 | 0.00000 | 3.8190 | 2.2409 | 0.04600 | 5 | 0.53 | 15% | 0 |
| 017.43 | Boron, ICP, Microwave (ppm) | 0294 | 5.7900 | 0.02000 | 3.8190 | 2.2409 | 0.04600 | 5 | 0.88 | 26% | 0 |
| 017.53 | Boron, ICP-MS, Microwave (ppm) | 0912 | 4.1500 | 0.10000 | | | 0.10000 | 1 | | | |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0658 | 0.89575 | 0.00010 | 1.0107 | 0.06643 | 0.01277 | 20 | -1.73 | 6% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0887 | 0.90500 | 0.01000 | 1.0107 | 0.06643 | 0.01277 | 20 | -1.59 | 5% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0622 | 0.92170 | 0.00000 | 1.0107 | 0.06643 | 0.01277 | 20 | -1.34 | 4% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0938 | 0.96500 | 0.01000 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.69 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0893 | 0.97500 | 0.01000 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.54 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2054 | 0.98030 | 0.00200 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.46 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0620 | 0.98350 | 0.00000 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.41 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0891 | 0.98860 | 0.00180 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.33 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0894 | 0.99000 | 0.00000 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.31 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0651 | 0.99250 | 0.00100 | 1.0107 | 0.06643 | 0.01277 | 20 | -0.27 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2027 | 1.0146 | 0.00440 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.06 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0878 | 1.0150 | 0.01000 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.06 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0681 | 1.0350 | 0.03000 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.37 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0683 | 1.0450 | 0.03000 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.52 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0966 | 1.0495 | 0.01900 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.58 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0895 | 1.0600 | 0.02000 | 1.0107 | 0.06643 | 0.01277 | 20 | 0.74 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0337 | 1.1150 | 0.03000 | 1.0107 | 0.06643 | 0.01277 | 20 | 1.57 | 5% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0194 | 1.1250 | 0.01000 | 1.0107 | 0.06643 | 0.01277 | 20 | 1.72 | 6% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 0552 | 1.1650 | 0.05000 | 1.0107 | 0.06643 | 0.01277 | 20 | 2.32 | 8% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (%) | 2006 | 1.2825 | 0.01700 | 1.0107 | 0.06643 | 0.01277 | 20 | 4.09 | 13% | 0 |
| 019.02 | Calcium, Hach Method (%) | 0536 | 1.0950 | 0.13000 | | | 0.13000 | 1 | | | |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (%) | 0036 | 1.1310 | 0.00450 | | | 0.00450 | 1 | | | |
| 019.08 | Calcium, EDTA (%) | 2037 | 0.15000 | 0.00000 | 0.99590 | 0.05581 | 0.01830 | 11 | -15.16 | 42% | 0 |
| 019.08 | Calcium, EDTA (%) | 0852 | 0.95000 | 0.00000 | 0.99590 | 0.05581 | 0.01830 | 11 | -0.82 | 2% | 0 |
| 019.08 | Calcium, EDTA (%) | 0607 | 0.95190 | 0.00600 | 0.99590 | 0.05581 | 0.01830 | 11 | -0.79 | 2% | 0 |
| 019.08 | Calcium, EDTA (%) | 0689 | 0.96000 | 0.02000 | 0.99590 | 0.05581 | 0.01830 | 11 | -0.64 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 019.08 | Calcium, EDTA (%) | 0629 | 0.99500 | 0.03000 | 0.99590 | 0.05581 | 0.01830 | 11 | -0.02 | 0% | 0 |
| 019.08 | Calcium, EDTA (%) | 2009 | 0.99795 | 0.00830 | 0.99590 | 0.05581 | 0.01830 | 11 | 0.04 | 0% | 0 |
| 019.08 | Calcium, EDTA (%) | 0590 | 1.0000 | 0.04000 | 0.99590 | 0.05581 | 0.01830 | 11 | 0.07 | 0% | 0 |
| 019.08 | Calcium, EDTA (%) | 0138 | 1.0215 | 0.00700 | 0.99590 | 0.05581 | 0.01830 | 11 | 0.46 | 1% | 0 |
| 019.08 | Calcium, EDTA (%) | 2042 | 1.0300 | 0.00000 | 0.99590 | 0.05581 | 0.01830 | 11 | 0.61 | 2% | 0 |
| 019.08 | Calcium, EDTA (%) | 0673 | 1.0650 | 0.07000 | 0.99590 | 0.05581 | 0.01830 | 11 | 1.24 | 3% | 0 |
| 019.08 | Calcium, EDTA (%) | 0885 | 1.0700 | 0.02000 | 0.99590 | 0.05581 | 0.01830 | 11 | 1.33 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0139 | 0.37050 | 0.00500 | 0.97214 | 0.05410 | 0.01836 | 30 | -11.12 | 31% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 2022 | 0.51000 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | -8.54 | 24% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0951 | 0.68700 | 0.01400 | 0.97214 | 0.05410 | 0.01836 | 30 | -5.27 | 15% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0175 | 0.88500 | 0.03000 | 0.97214 | 0.05410 | 0.01836 | 30 | -1.61 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0670 | 0.89900 | 0.00400 | 0.97214 | 0.05410 | 0.01836 | 30 | -1.35 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0650 | 0.91500 | 0.09000 | 0.97214 | 0.05410 | 0.01836 | 30 | -1.06 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0689 | 0.92500 | 0.05000 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.87 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0065 | 0.92880 | 0.00560 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.80 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0874 | 0.94695 | 0.03650 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.47 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0674 | 0.95000 | 0.00000 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.41 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0596 | 0.95500 | 0.01000 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.32 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0152 | 0.96000 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.22 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0354 | 0.96000 | 0.00000 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.22 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0563 | 0.96760 | 0.01140 | 0.97214 | 0.05410 | 0.01836 | 30 | -0.08 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0001 | 0.97690 | 0.00420 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.09 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0505 | 0.98000 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.15 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0921 | 0.98100 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.16 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0038 | 0.98300 | 0.00800 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.20 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0653 | 0.98450 | 0.00100 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.23 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0868 | 0.99000 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.33 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0036 | 0.99485 | 0.01130 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.42 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0687 | 0.99500 | 0.01000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.42 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0866 | 1.0060 | 0.01000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.63 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0014 | 1.0150 | 0.01000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.79 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0939 | 1.0150 | 0.01000 | 0.97214 | 0.05410 | 0.01836 | 30 | 0.79 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0946 | 1.0342 | 0.01690 | 0.97214 | 0.05410 | 0.01836 | 30 | 1.15 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0723 | 1.0400 | 0.02000 | 0.97214 | 0.05410 | 0.01836 | 30 | 1.25 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0948 | 1.0400 | 0.04000 | 0.97214 | 0.05410 | 0.01836 | 30 | 1.25 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0066 | 1.0555 | 0.05300 | 0.97214 | 0.05410 | 0.01836 | 30 | 1.54 | 4% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0142 | 1.3000 | 0.00000 | 0.97214 | 0.05410 | 0.01836 | 30 | 6.06 | 17% | 0 |
| 019.31 | Calcium, AAS, Dry ash (%) | 0108 | 0.88000 | 0.16000 | 0.97214 | 0.05410 | 0.01836 | 30 | -1.70 | 5% | 1 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0035 | 0.85425 | 0.01570 | 0.99005 | 0.02770 | 0.03088 | 8 | -4.90 | 7% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0612 | 0.91000 | 0.00000 | 0.99005 | 0.02770 | 0.03088 | 8 | -2.89 | 4% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0722 | 0.97985 | 0.00430 | 0.99005 | 0.02770 | 0.03088 | 8 | -0.37 | 1% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0263 | 0.99150 | 0.01600 | 0.99005 | 0.02770 | 0.03088 | 8 | 0.05 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 019.32 | Calcium, AAS, Open vessel (%) | 0504 | 0.99250 | 0.12100 | 0.99005 | 0.02770 | 0.03088 | 8 | 0.09 | 0% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0169 | 1.0050 | 0.07000 | 0.99005 | 0.02770 | 0.03088 | 8 | 0.54 | 1% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0609 | 1.0100 | 0.02000 | 0.99005 | 0.02770 | 0.03088 | 8 | 0.72 | 1% | 0 |
| 019.32 | Calcium, AAS, Open vessel (%) | 0013 | 1.0400 | 0.00000 | 0.99005 | 0.02770 | 0.03088 | 8 | 1.80 | 3% | 0 |
| 019.33 | Calcium, AAS, Microwave (%) | 0504 | 0.97900 | 0.11800 | | | 0.11800 | 1 | | | |
| 019.34 | Calcium, AAS, Dry ash (%) | 0683 | 0.95000 | 0.06000 | 0.99250 | 0.06010 | 0.03500 | 2 | -0.71 | 2% | 0 |
| 019.34 | Calcium, AAS, Dry ash (%) | 0884 | 1.0350 | 0.01000 | 0.99250 | 0.06010 | 0.03500 | 2 | 0.71 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0553 | 0.89850 | 0.00700 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.93 | 5% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0144 | 0.90000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.90 | 5% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0405 | 0.90000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.90 | 5% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0011 | 0.93950 | 0.01400 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.11 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 2023 | 0.94300 | 0.01600 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.05 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0171 | 0.94500 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.01 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0242 | 0.94500 | 0.03000 | 0.99539 | 0.05013 | 0.02785 | 38 | -1.01 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0051 | 0.95280 | 0.01560 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.85 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0004 | 0.96000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.71 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0019 | 0.96000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.71 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0164 | 0.96000 | 0.00000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.71 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0661 | 0.96500 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.61 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0848 | 0.97500 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.41 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0300 | 0.97800 | 0.03200 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.35 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0407 | 0.97950 | 0.00900 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.32 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0298 | 0.98000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.31 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0049 | 0.98500 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.21 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0910 | 0.99000 | 0.04000 | 0.99539 | 0.05013 | 0.02785 | 38 | -0.11 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0003 | 1.0000 | 0.02000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.09 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0089 | 1.0000 | 0.00000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.09 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0358 | 1.0000 | 0.08000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.09 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0148 | 1.0050 | 0.00600 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.19 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0964 | 1.0060 | 0.03000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.21 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0512 | 1.0110 | 0.00200 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.31 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0598 | 1.0127 | 0.03670 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.34 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0074 | 1.0150 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.39 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0098 | 1.0200 | 0.00000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.49 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0682 | 1.0200 | 0.04000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.49 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0619 | 1.0250 | 0.03000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.59 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0229 | 1.0300 | 0.04000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.69 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0100 | 1.0450 | 0.03000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.99 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0610 | 1.0450 | 0.09000 | 0.99539 | 0.05013 | 0.02785 | 38 | 0.99 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0413 | 1.0500 | 0.10000 | 0.99539 | 0.05013 | 0.02785 | 38 | 1.09 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0878 | 1.0500 | 0.10000 | 0.99539 | 0.05013 | 0.02785 | 38 | 1.09 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0083 | 1.0600 | 0.04000 | 0.99539 | 0.05013 | 0.02785 | 38 | 1.29 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 019.41 | Calcium, ICP, Dry ash (%) | 0511 | 1.1200 | 0.08000 | 0.99539 | 0.05013 | 0.02785 | 38 | 2.49 | 6% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0226 | 1.1250 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | 2.59 | 7% | 0 |
| 019.41 | Calcium, ICP, Dry ash (%) | 0720 | 1.1550 | 0.01000 | 0.99539 | 0.05013 | 0.02785 | 38 | 3.18 | 8% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0357 | 0.95000 | 0.02000 | 1.0279 | 0.06158 | 0.02097 | 20 | -1.27 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0693 | 0.95500 | 0.01000 | 1.0279 | 0.06158 | 0.02097 | 20 | -1.18 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0106 | 0.95850 | 0.00500 | 1.0279 | 0.06158 | 0.02097 | 20 | -1.13 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0692 | 0.97000 | 0.00600 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.94 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0026 | 0.97140 | 0.01940 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.92 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0560 | 0.97790 | 0.02800 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.81 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0205 | 0.99400 | 0.00400 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.55 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0504 | 0.99800 | 0.01000 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.49 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0045 | 1.0100 | 0.06000 | 1.0279 | 0.06158 | 0.02097 | 20 | -0.29 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0035 | 1.0300 | 0.05600 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.03 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0265 | 1.0350 | 0.01000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.12 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0613 | 1.0400 | 0.06000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.20 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0202 | 1.0600 | 0.00000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.52 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0186 | 1.0650 | 0.03000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.60 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0366 | 1.0650 | 0.05000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.60 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0665 | 1.0700 | 0.02000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.68 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0278 | 1.0850 | 0.01000 | 1.0279 | 0.06158 | 0.02097 | 20 | 0.93 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0190 | 1.1000 | 0.02000 | 1.0279 | 0.06158 | 0.02097 | 20 | 1.17 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0726 | 1.1035 | 0.00100 | 1.0279 | 0.06158 | 0.02097 | 20 | 1.23 | 4% | 0 |
| 019.42 | Calcium, ICP, Open vessel (%) | 0187 | 1.1200 | 0.00000 | 1.0279 | 0.06158 | 0.02097 | 20 | 1.50 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0510 | 0.91000 | 0.00000 | 1.0255 | 0.05250 | 0.01800 | 21 | -2.20 | 6% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0038 | 0.94750 | 0.02300 | 1.0255 | 0.05250 | 0.01800 | 21 | -1.49 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0914 | 0.97500 | 0.01000 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.96 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0668 | 0.98850 | 0.06300 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.71 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0037 | 0.99000 | 0.02000 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.68 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0008 | 0.99450 | 0.03100 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.59 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0297 | 0.99500 | 0.01000 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.58 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0629 | 0.99650 | 0.00300 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.55 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0018 | 1.0000 | 0.00000 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.49 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0675 | 1.0000 | 0.00000 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.49 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0027 | 1.0205 | 0.01500 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.10 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0033 | 1.0240 | 0.06200 | 1.0255 | 0.05250 | 0.01800 | 21 | -0.03 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0294 | 1.0350 | 0.01000 | 1.0255 | 0.05250 | 0.01800 | 21 | 0.18 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0003 | 1.0500 | 0.02000 | 1.0255 | 0.05250 | 0.01800 | 21 | 0.47 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0918 | 1.0500 | 0.02000 | 1.0255 | 0.05250 | 0.01800 | 21 | 0.47 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0098 | 1.0700 | 0.02000 | 1.0255 | 0.05250 | 0.01800 | 21 | 0.85 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0042 | 1.0900 | 0.04000 | 1.0255 | 0.05250 | 0.01800 | 21 | 1.23 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0425 | 1.1000 | 0.00000 | 1.0255 | 0.05250 | 0.01800 | 21 | 1.42 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0353 | 1.1150 | 0.01000 | 1.0255 | 0.05250 | 0.01800 | 21 | 1.70 | 4% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 019.43 | Calcium, ICP, Microwave (%) | 0028 | 1.1250 | 0.01000 | 1.0255 | 0.05250 | 0.01800 | 21 | 1.89 | 5% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0968 | 1.2185 | 0.01100 | 1.0255 | 0.05250 | 0.01800 | 21 | 3.68 | 9% | 0 |
| 019.43 | Calcium, ICP, Microwave (%) | 0168 | 0.93500 | 0.24800 | 1.0255 | 0.05250 | 0.01800 | 21 | -1.72 | 4% | 1 |
| 019.44 | Calcium, ICP, Dry ash (%) | 0647 | 0.86540 | 0.04740 | 0.97513 | 0.09503 | 0.03580 | 3 | -1.15 | 6% | 0 |
| 019.44 | Calcium, ICP, Dry ash (%) | 0955 | 1.0300 | 0.02000 | 0.97513 | 0.09503 | 0.03580 | 3 | 0.58 | 3% | 0 |
| 019.44 | Calcium, ICP, Dry ash (%) | 2004 | 1.0300 | 0.04000 | 0.97513 | 0.09503 | 0.03580 | 3 | 0.58 | 3% | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0154 | 0.97565 | 0.06270 | 1.0553 | 0.11268 | 0.03635 | 2 | -0.71 | 4% | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (%) | 0047 | 1.1350 | 0.01000 | 1.0553 | 0.11268 | 0.03635 | 2 | 0.71 | 4% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 2055 | 0.96765 | 0.05570 | 1.0024 | 0.02704 | 0.06506 | 5 | -1.28 | 2% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 2034 | 0.99600 | 0.07600 | 1.0024 | 0.02704 | 0.06506 | 5 | -0.24 | 0% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0199 | 1.0000 | 0.00000 | 1.0024 | 0.02704 | 0.06506 | 5 | -0.09 | 0% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0912 | 1.0050 | 0.09000 | 1.0024 | 0.02704 | 0.06506 | 5 | 0.10 | 0% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (%) | 0572 | 1.0432 | 0.10360 | 1.0024 | 0.02704 | 0.06506 | 5 | 1.51 | 2% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 2006 | 0.89200 | 0.00000 | 0.92833 | 0.03553 | 0.00133 | 3 | -1.02 | 2% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0852 | 0.93000 | 0.00000 | 0.92833 | 0.03553 | 0.00133 | 3 | 0.05 | 0% | 0 |
| 019.99 | Calcium, Miscellaneous (%) | 0676 | 0.96300 | 0.00400 | 0.92833 | 0.03553 | 0.00133 | 3 | 0.98 | 2% | 0 |
| 021.31 | Cobalt, AAS, Dry ash (ppm) | 0164 | 1.0000 | 0.00000 | 5.8288 | 8.4293 | 0.29250 | 4 | -0.57 | 41% | 0 |
| 021.31 | Cobalt, AAS, Dry ash (ppm) | 0689 | 1.0000 | 0.00000 | 5.8288 | 8.4293 | 0.29250 | 4 | -0.57 | 41% | 0 |
| 021.31 | Cobalt, AAS, Dry ash (ppm) | 0596 | 2.9150 | 0.37000 | 5.8288 | 8.4293 | 0.29250 | 4 | -0.35 | 25% | 0 |
| 021.31 | Cobalt, AAS, Dry ash (ppm) | 2022 | 18.400 | 0.80000 | 5.8288 | 8.4293 | 0.29250 | 4 | 1.49 | 108% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (ppm) | 0619 | 0.53650 | 0.03500 | 0.84451 | 0.20725 | 0.01648 | 4 | -1.49 | 18% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (ppm) | 0171 | 0.91000 | 0.00400 | 0.84451 | 0.20725 | 0.01648 | 4 | 0.32 | 4% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (ppm) | 0011 | 0.95375 | 0.00850 | 0.84451 | 0.20725 | 0.01648 | 4 | 0.53 | 6% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (ppm) | 0964 | 0.97780 | 0.01840 | 0.84451 | 0.20725 | 0.01648 | 4 | 0.64 | 8% | 0 |
| 021.42 | Cobalt, ICP, Open vessel (ppm) | 0693 | 0.00000 | 0.00000 | 0.59233 | 0.54249 | 0.07333 | 3 | -1.09 | 50% | 0 |
| 021.42 | Cobalt, ICP, Open vessel (ppm) | 0560 | 0.71200 | 0.17000 | 0.59233 | 0.54249 | 0.07333 | 3 | 0.22 | 10% | 0 |
| 021.42 | Cobalt, ICP, Open vessel (ppm) | 0106 | 1.0650 | 0.05000 | 0.59233 | 0.54249 | 0.07333 | 3 | 0.87 | 40% | 0 |
| 021.43 | Cobalt, ICP, Microwave (ppm) | 0038 | 1.1000 | 0.00000 | 1.1475 | 0.04699 | 0.04500 | 4 | -1.01 | 2% | 0 |
| 021.43 | Cobalt, ICP, Microwave (ppm) | 0169 | 1.1150 | 0.13000 | 1.1475 | 0.04699 | 0.04500 | 4 | -0.69 | 1% | 0 |
| 021.43 | Cobalt, ICP, Microwave (ppm) | 0003 | 1.1800 | 0.04000 | 1.1475 | 0.04699 | 0.04500 | 4 | 0.69 | 1% | 0 |
| 021.43 | Cobalt, ICP, Microwave (ppm) | 0510 | 1.1950 | 0.01000 | 1.1475 | 0.04699 | 0.04500 | 4 | 1.01 | 2% | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (ppm) | 0154 | 0.68950 | 0.06700 | 0.76625 | 0.10854 | 0.07750 | 2 | -0.71 | 5% | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (ppm) | 0098 | 0.84300 | 0.08800 | 0.76625 | 0.10854 | 0.07750 | 2 | 0.71 | 5% | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (ppm) | 0912 | 0.81500 | 0.25000 | 0.98760 | 0.12794 | 0.18160 | 5 | -1.35 | 9% | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (ppm) | 2055 | 0.88800 | 0.44800 | 0.98760 | 0.12794 | 0.18160 | 5 | -0.78 | 5% | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (ppm) | 0168 | 1.0650 | 0.07000 | 0.98760 | 0.12794 | 0.18160 | 5 | 0.60 | 4% | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (ppm) | 0199 | 1.0650 | 0.11000 | 0.98760 | 0.12794 | 0.18160 | 5 | 0.60 | 4% | 0 |
| 021.53 | Cobalt, ICP-MS, Microwave (ppm) | 0553 | 1.1050 | 0.03000 | 0.98760 | 0.12794 | 0.18160 | 5 | 0.92 | 6% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0178 | 14.220 | 0.32000 | 19.207 | 3.0083 | 0.43086 | 18 | -1.66 | 13% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0590 | 15.000 | 0.00000 | 19.207 | 3.0083 | 0.43086 | 18 | -1.40 | 11% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0653 | 16.930 | 1.8400 | 19.207 | 3.0083 | 0.43086 | 18 | -0.76 | 6% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0596 | 17.085 | 0.11000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.71 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0354 | 17.150 | 0.14000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.68 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0066 | 17.830 | 0.40000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.46 | 4% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0673 | 18.000 | 0.00000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.40 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0563 | 18.050 | 0.10000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.38 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0884 | 19.000 | 1.2000 | 19.207 | 3.0083 | 0.43086 | 18 | -0.07 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0723 | 19.420 | 0.02000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.07 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0629 | 19.500 | 0.20000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.10 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0674 | 19.685 | 0.65000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.16 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0607 | 20.114 | 0.76540 | 19.207 | 3.0083 | 0.43086 | 18 | 0.30 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0505 | 21.000 | 1.0000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.60 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0868 | 21.550 | 0.10000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.78 | 6% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0921 | 23.900 | 0.00000 | 19.207 | 3.0083 | 0.43086 | 18 | 1.56 | 12% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0866 | 24.175 | 0.81000 | 19.207 | 3.0083 | 0.43086 | 18 | 1.65 | 13% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 2022 | 26.650 | 0.10000 | 19.207 | 3.0083 | 0.43086 | 18 | 2.47 | 19% | 0 |
| 022.31 | Copper, AAS, Dry ash (ppm) | 0689 | 20.500 | 3.4000 | 19.207 | 3.0083 | 0.43086 | 18 | 0.43 | 3% | 1 |
| 022.32 | Copper, AAS, Open vessel (ppm) | 0504 | 25.135 | 0.31000 | 33.505 | 12.748 | 2.3750 | 4 | -0.66 | 12% | 0 |
| 022.32 | Copper, AAS, Open vessel (ppm) | 0035 | 27.885 | 1.1900 | 33.505 | 12.748 | 2.3750 | 4 | -0.44 | 8% | 0 |
| 022.32 | Copper, AAS, Open vessel (ppm) | 0038 | 28.500 | 3.0000 | 33.505 | 12.748 | 2.3750 | 4 | -0.39 | 7% | 0 |
| 022.32 | Copper, AAS, Open vessel (ppm) | 0609 | 52.500 | 5.0000 | 33.505 | 12.748 | 2.3750 | 4 | 1.49 | 28% | 0 |
| 022.33 | Copper, AAS, Microwave (ppm) | 0948 | 23.350 | 0.82000 | 23.558 | 0.29345 | 2.2750 | 2 | -0.71 | 0% | 0 |
| 022.33 | Copper, AAS, Microwave (ppm) | 0504 | 23.765 | 3.7300 | 23.558 | 0.29345 | 2.2750 | 2 | 0.71 | 0% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0619 | 13.450 | 0.10000 | 20.116 | 3.1980 | 1.2880 | 27 | -2.08 | 17% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0004 | 14.000 | 2.0000 | 20.116 | 3.1980 | 1.2880 | 27 | -1.91 | 15% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0598 | 15.155 | 1.7900 | 20.116 | 3.1980 | 1.2880 | 27 | -1.55 | 12% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0171 | 15.850 | 2.3000 | 20.116 | 3.1980 | 1.2880 | 27 | -1.33 | 11% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0049 | 16.215 | 1.2500 | 20.116 | 3.1980 | 1.2880 | 27 | -1.22 | 10% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0051 | 17.905 | 0.43000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.69 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0074 | 18.500 | 1.0000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.51 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0229 | 18.500 | 1.0000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.51 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0164 | 18.700 | 0.00000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.44 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0964 | 19.255 | 1.8300 | 20.116 | 3.1980 | 1.2880 | 27 | -0.27 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0511 | 19.500 | 3.0000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.19 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0553 | 19.550 | 1.3000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.18 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0682 | 19.750 | 0.50000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.11 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0100 | 20.000 | 4.0000 | 20.116 | 3.1980 | 1.2880 | 27 | -0.04 | 0% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0358 | 20.805 | 0.57000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.22 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0405 | 21.000 | 2.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.28 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0878 | 21.000 | 2.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.28 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0148 | 21.250 | 0.10000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.35 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0407 | 22.000 | 2.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.59 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0610 | 22.000 | 0.00000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.59 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0098 | 22.375 | 0.37000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.71 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|--------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0242 | 22.500 | 1.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.75 | 6% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0910 | 23.000 | 0.00000 | 20.116 | 3.1980 | 1.2880 | 27 | 0.90 | 7% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0011 | 23.475 | 0.16000 | 20.116 | 3.1980 | 1.2880 | 27 | 1.05 | 8% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0083 | 24.500 | 3.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 1.37 | 11% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0226 | 26.500 | 3.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 2.00 | 16% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0720 | 36.542 | 0.07500 | 20.116 | 3.1980 | 1.2880 | 27 | 5.14 | 41% | 0 |
| 022.41 | Copper, ICP, Dry ash (ppm) | 0003 | 24.500 | 9.0000 | 20.116 | 3.1980 | 1.2880 | 27 | 1.37 | 11% | 1 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0026 | 0.13900 | 0.02000 | 25.619 | 2.1786 | 1.0018 | 17 | -11.70 | 50% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0726 | 22.885 | 0.07000 | 25.619 | 2.1786 | 1.0018 | 17 | -1.25 | 5% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0045 | 23.800 | 1.8000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.83 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0278 | 23.850 | 0.10000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.81 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0692 | 24.200 | 2.6000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.65 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0357 | 24.500 | 1.0000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.51 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0693 | 25.000 | 2.0000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.28 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0190 | 25.225 | 0.19000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.18 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0613 | 25.270 | 0.02000 | 25.619 | 2.1786 | 1.0018 | 17 | -0.16 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0265 | 26.000 | 4.0000 | 25.619 | 2.1786 | 1.0018 | 17 | 0.18 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0413 | 26.100 | 0.60000 | 25.619 | 2.1786 | 1.0018 | 17 | 0.22 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0186 | 26.500 | 3.0000 | 25.619 | 2.1786 | 1.0018 | 17 | 0.40 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0560 | 26.950 | 0.50000 | 25.619 | 2.1786 | 1.0018 | 17 | 0.61 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0106 | 27.600 | 0.40000 | 25.619 | 2.1786 | 1.0018 | 17 | 0.91 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0202 | 28.970 | 0.02000 | 25.619 | 2.1786 | 1.0018 | 17 | 1.54 | 7% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0035 | 29.150 | 0.40000 | 25.619 | 2.1786 | 1.0018 | 17 | 1.62 | 7% | 0 |
| 022.42 | Copper, ICP, Open vessel (ppm) | 0187 | 33.255 | 0.31000 | 25.619 | 2.1786 | 1.0018 | 17 | 3.51 | 15% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0675 | 22.670 | 0.48000 | 25.096 | 1.3469 | 1.1160 | 20 | -1.80 | 5% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0353 | 23.005 | 0.89000 | 25.096 | 1.3469 | 1.1160 | 20 | -1.55 | 4% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0168 | 23.700 | 0.56000 | 25.096 | 1.3469 | 1.1160 | 20 | -1.04 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0169 | 24.000 | 1.0000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.81 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0510 | 24.000 | 0.00000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.81 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0008 | 24.450 | 0.90000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.48 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0629 | 24.750 | 0.10000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.26 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0918 | 24.970 | 0.72000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.09 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0038 | 25.000 | 2.0000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.07 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0297 | 25.000 | 0.00000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.07 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0668 | 25.000 | 4.2000 | 25.096 | 1.3469 | 1.1160 | 20 | -0.07 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0098 | 25.060 | 1.7400 | 25.096 | 1.3469 | 1.1160 | 20 | -0.03 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 2023 | 25.200 | 3.6000 | 25.096 | 1.3469 | 1.1160 | 20 | 0.08 | 0% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0033 | 25.555 | 0.09000 | 25.096 | 1.3469 | 1.1160 | 20 | 0.34 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0037 | 25.750 | 0.90000 | 25.096 | 1.3469 | 1.1160 | 20 | 0.49 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0968 | 26.000 | 2.0000 | 25.096 | 1.3469 | 1.1160 | 20 | 0.67 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0003 | 26.500 | 1.0000 | 25.096 | 1.3469 | 1.1160 | 20 | 1.04 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0027 | 27.370 | 0.90000 | 25.096 | 1.3469 | 1.1160 | 20 | 1.69 | 5% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------|----------|----------|---------|---------------|--------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 022.43 | Copper, ICP, Microwave (ppm) | 0425 | 27.550 | 0.10000 | 25.096 | 1.3469 | 1.1160 | 20 | 1.82 | 5% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0294 | 29.430 | 1.1400 | 25.096 | 1.3469 | 1.1160 | 20 | 3.22 | 9% | 0 |
| 022.43 | Copper, ICP, Microwave (ppm) | 0042 | 35.800 | 13.000 | 25.096 | 1.3469 | 1.1160 | 20 | 7.95 | 21% | 1 |
| 022.44 | Copper, ICP, Dry ash (ppm) | 2004 | 16.700 | 0.40000 | 20.803 | 4.2303 | 6.8733 | 3 | -0.97 | 10% | 0 |
| 022.44 | Copper, ICP, Dry ash (ppm) | 0647 | 20.560 | 19.720 | 20.803 | 4.2303 | 6.8733 | 3 | -0.06 | 1% | 0 |
| 022.44 | Copper, ICP, Dry ash (ppm) | 0955 | 25.150 | 0.50000 | 20.803 | 4.2303 | 6.8733 | 3 | 1.03 | 10% | 0 |
| 022.52 | Copper, ICP-MS, Open vessel (ppm) | 0154 | 21.670 | 1.4000 | | | 1.4000 | 1 | | | |
| 022.53 | Copper, ICP-MS, Microwave (ppm) | 0199 | 19.550 | 1.5000 | 24.770 | 4.4075 | 0.86000 | 5 | -1.18 | 11% | 0 |
| 022.53 | Copper, ICP-MS, Microwave (ppm) | 2055 | 23.500 | 1.0000 | 24.770 | 4.4075 | 0.86000 | 5 | -0.29 | 3% | 0 |
| 022.53 | Copper, ICP-MS, Microwave (ppm) | 0912 | 24.500 | 1.0000 | 24.770 | 4.4075 | 0.86000 | 5 | -0.06 | 1% | 0 |
| 022.53 | Copper, ICP-MS, Microwave (ppm) | 0572 | 24.550 | 0.30000 | 24.770 | 4.4075 | 0.86000 | 5 | -0.05 | 0% | 0 |
| 022.53 | Copper, ICP-MS, Microwave (ppm) | 2034 | 31.750 | 0.50000 | 24.770 | 4.4075 | 0.86000 | 5 | 1.58 | 14% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0946 | 97.685 | 1.1500 | 211.00 | 22.976 | 7.3337 | 19 | -4.93 | 27% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0505 | 177.50 | 5.0000 | 211.00 | 22.976 | 7.3337 | 19 | -1.46 | 8% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0673 | 190.00 | 0.00000 | 211.00 | 22.976 | 7.3337 | 19 | -0.91 | 5% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0629 | 193.50 | 3.0000 | 211.00 | 22.976 | 7.3337 | 19 | -0.76 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0563 | 194.00 | 8.0000 | 211.00 | 22.976 | 7.3337 | 19 | -0.74 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0874 | 200.50 | 3.0000 | 211.00 | 22.976 | 7.3337 | 19 | -0.46 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0354 | 200.86 | 1.2500 | 211.00 | 22.976 | 7.3337 | 19 | -0.44 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0670 | 209.00 | 16.600 | 211.00 | 22.976 | 7.3337 | 19 | -0.09 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0596 | 209.09 | 12.560 | 211.00 | 22.976 | 7.3337 | 19 | -0.08 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 2022 | 210.00 | 5.4000 | 211.00 | 22.976 | 7.3337 | 19 | -0.04 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0653 | 211.65 | 7.9000 | 211.00 | 22.976 | 7.3337 | 19 | 0.03 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0723 | 211.68 | 0.02000 | 211.00 | 22.976 | 7.3337 | 19 | 0.03 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0939 | 220.36 | 1.6500 | 211.00 | 22.976 | 7.3337 | 19 | 0.41 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0689 | 220.70 | 18.400 | 211.00 | 22.976 | 7.3337 | 19 | 0.42 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0868 | 225.00 | 2.0000 | 211.00 | 22.976 | 7.3337 | 19 | 0.61 | 3% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0038 | 228.50 | 1.0000 | 211.00 | 22.976 | 7.3337 | 19 | 0.76 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0884 | 246.75 | 36.500 | 211.00 | 22.976 | 7.3337 | 19 | 1.56 | 8% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0175 | 253.00 | 10.000 | 211.00 | 22.976 | 7.3337 | 19 | 1.83 | 10% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0066 | 257.78 | 5.9100 | 211.00 | 22.976 | 7.3337 | 19 | 2.04 | 11% | 0 |
| 025.31 | Iron, AAS, Dry ash (ppm) | 0921 | 151.35 | 41.100 | 211.00 | 22.976 | 7.3337 | 19 | -2.60 | 14% | 1 |
| 025.32 | Iron, AAS, Open vessel (ppm) | 0035 | 211.05 | 21.100 | 338.73 | 221.31 | 23.513 | 4 | -0.58 | 19% | 0 |
| 025.32 | Iron, AAS, Open vessel (ppm) | 0337 | 227.54 | 0.85000 | 338.73 | 221.31 | 23.513 | 4 | -0.50 | 16% | 0 |
| 025.32 | Iron, AAS, Open vessel (ppm) | 0504 | 246.35 | 32.100 | 338.73 | 221.31 | 23.513 | 4 | -0.42 | 14% | 0 |
| 025.32 | Iron, AAS, Open vessel (ppm) | 0609 | 670.00 | 40.000 | 338.73 | 221.31 | 23.513 | 4 | 1.50 | 49% | 0 |
| 025.33 | Iron, AAS, Microwave (ppm) | 0948 | 198.76 | 3.8700 | | | 3.8700 | 1 | | | |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0405 | 137.50 | 3.0000 | 213.56 | 18.244 | 5.6495 | 32 | -4.17 | 18% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0610 | 146.00 | 6.0000 | 213.56 | 18.244 | 5.6495 | 32 | -3.70 | 16% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0598 | 163.45 | 2.3000 | 213.56 | 18.244 | 5.6495 | 32 | -2.75 | 12% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0720 | 170.65 | 0.30000 | 213.56 | 18.244 | 5.6495 | 32 | -2.35 | 10% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0619 | 172.00 | 10.000 | 213.56 | 18.244 | 5.6495 | 32 | -2.28 | 10% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|--------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0300 | 181.28 | 6.4780 | 213.56 | 18.244 | 5.6495 | 32 | -1.77 | 8% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0051 | 187.00 | 2.0000 | 213.56 | 18.244 | 5.6495 | 32 | -1.46 | 6% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0164 | 194.50 | 9.0000 | 213.56 | 18.244 | 5.6495 | 32 | -1.04 | 4% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0682 | 200.25 | 0.50000 | 213.56 | 18.244 | 5.6495 | 32 | -0.73 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0553 | 202.00 | 4.0000 | 213.56 | 18.244 | 5.6495 | 32 | -0.63 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0171 | 202.50 | 3.0000 | 213.56 | 18.244 | 5.6495 | 32 | -0.61 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0011 | 206.44 | 4.0550 | 213.56 | 18.244 | 5.6495 | 32 | -0.39 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0955 | 209.50 | 1.0000 | 213.56 | 18.244 | 5.6495 | 32 | -0.22 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0242 | 211.50 | 1.0000 | 213.56 | 18.244 | 5.6495 | 32 | -0.11 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0004 | 213.50 | 3.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.00 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0407 | 216.50 | 1.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.16 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0358 | 217.68 | 12.670 | 213.56 | 18.244 | 5.6495 | 32 | 0.23 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0511 | 220.00 | 4.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.35 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0074 | 220.50 | 3.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.38 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0910 | 221.00 | 6.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.41 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0098 | 222.90 | 1.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.51 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0100 | 224.00 | 10.000 | 213.56 | 18.244 | 5.6495 | 32 | 0.57 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0083 | 225.00 | 12.000 | 213.56 | 18.244 | 5.6495 | 32 | 0.63 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 2004 | 225.00 | 6.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.63 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0148 | 225.25 | 4.5000 | 213.56 | 18.244 | 5.6495 | 32 | 0.64 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0229 | 225.50 | 1.0000 | 213.56 | 18.244 | 5.6495 | 32 | 0.65 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0964 | 226.05 | 3.7000 | 213.56 | 18.244 | 5.6495 | 32 | 0.68 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0049 | 229.22 | 16.380 | 213.56 | 18.244 | 5.6495 | 32 | 0.86 | 4% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0878 | 230.00 | 20.000 | 213.56 | 18.244 | 5.6495 | 32 | 0.90 | 4% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0647 | 256.45 | 4.9000 | 213.56 | 18.244 | 5.6495 | 32 | 2.35 | 10% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0226 | 262.50 | 3.0000 | 213.56 | 18.244 | 5.6495 | 32 | 2.68 | 11% | 0 |
| 025.41 | Iron, ICP, Dry ash (ppm) | 0003 | 281.00 | 16.000 | 213.56 | 18.244 | 5.6495 | 32 | 3.70 | 16% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0026 | 1.6160 | 0.36000 | 202.40 | 24.085 | 9.8067 | 15 | -8.34 | 50% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0186 | 164.50 | 39.000 | 202.40 | 24.085 | 9.8067 | 15 | -1.57 | 9% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0265 | 179.00 | 44.000 | 202.40 | 24.085 | 9.8067 | 15 | -0.97 | 6% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0726 | 184.30 | 0.80000 | 202.40 | 24.085 | 9.8067 | 15 | -0.75 | 4% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0560 | 190.00 | 8.0000 | 202.40 | 24.085 | 9.8067 | 15 | -0.52 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0106 | 191.50 | 5.0000 | 202.40 | 24.085 | 9.8067 | 15 | -0.45 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0035 | 197.70 | 19.800 | 202.40 | 24.085 | 9.8067 | 15 | -0.20 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0613 | 204.75 | 9.7000 | 202.40 | 24.085 | 9.8067 | 15 | 0.10 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0190 | 207.32 | 0.63000 | 202.40 | 24.085 | 9.8067 | 15 | 0.20 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0278 | 210.00 | 2.0000 | 202.40 | 24.085 | 9.8067 | 15 | 0.32 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0693 | 212.50 | 1.0000 | 202.40 | 24.085 | 9.8067 | 15 | 0.42 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0692 | 218.00 | 4.0000 | 202.40 | 24.085 | 9.8067 | 15 | 0.65 | 4% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0413 | 222.00 | 2.0000 | 202.40 | 24.085 | 9.8067 | 15 | 0.81 | 5% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0045 | 255.00 | 4.0000 | 202.40 | 24.085 | 9.8067 | 15 | 2.18 | 13% | 0 |
| 025.42 | Iron, ICP, Open vessel (ppm) | 0187 | 296.95 | 6.8100 | 202.40 | 24.085 | 9.8067 | 15 | 3.93 | 23% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 025.43 | Iron, ICP, Microwave (ppm) | 0668 | 89.750 | 8.9000 | 211.42 | 33.049 | 6.9263 | 19 | -3.68 | 29% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0918 | 147.83 | 1.4400 | 211.42 | 33.049 | 6.9263 | 19 | -1.92 | 15% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0018 | 174.50 | 7.0000 | 211.42 | 33.049 | 6.9263 | 19 | -1.12 | 9% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 2023 | 179.50 | 21.000 | 211.42 | 33.049 | 6.9263 | 19 | -0.97 | 8% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0968 | 182.50 | 1.0000 | 211.42 | 33.049 | 6.9263 | 19 | -0.88 | 7% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0294 | 187.41 | 8.2200 | 211.42 | 33.049 | 6.9263 | 19 | -0.73 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0629 | 201.00 | 2.0000 | 211.42 | 33.049 | 6.9263 | 19 | -0.32 | 2% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0098 | 207.35 | 6.7000 | 211.42 | 33.049 | 6.9263 | 19 | -0.12 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0510 | 210.00 | 2.0000 | 211.42 | 33.049 | 6.9263 | 19 | -0.04 | 0% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0297 | 213.00 | 6.0000 | 211.42 | 33.049 | 6.9263 | 19 | 0.05 | 0% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0353 | 227.80 | 3.6000 | 211.42 | 33.049 | 6.9263 | 19 | 0.50 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0169 | 232.50 | 3.0000 | 211.42 | 33.049 | 6.9263 | 19 | 0.64 | 5% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0042 | 235.00 | 22.000 | 211.42 | 33.049 | 6.9263 | 19 | 0.71 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0038 | 235.50 | 9.0000 | 211.42 | 33.049 | 6.9263 | 19 | 0.73 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0675 | 235.67 | 6.6400 | 211.42 | 33.049 | 6.9263 | 19 | 0.73 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0008 | 237.50 | 5.0000 | 211.42 | 33.049 | 6.9263 | 19 | 0.79 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0033 | 242.00 | 8.0000 | 211.42 | 33.049 | 6.9263 | 19 | 0.93 | 7% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0168 | 245.00 | 10.000 | 211.42 | 33.049 | 6.9263 | 19 | 1.02 | 8% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0425 | 247.05 | 0.10000 | 211.42 | 33.049 | 6.9263 | 19 | 1.08 | 8% | 0 |
| 025.43 | Iron, ICP, Microwave (ppm) | 0003 | 210.00 | 56.000 | 211.42 | 33.049 | 6.9263 | 19 | -0.04 | 0% | 1 |
| 025.52 | Iron, ICP-MS, Open vessel (ppm) | 0154 | 157.23 | 3.2800 | | | 3.2800 | 1 | | | |
| 025.53 | Iron, ICP-MS, Microwave (ppm) | 2055 | 166.00 | 104.00 | 203.38 | 33.290 | 30.250 | 4 | -1.12 | 9% | 0 |
| 025.53 | Iron, ICP-MS, Microwave (ppm) | 0912 | 185.00 | 10.000 | 203.38 | 33.290 | 30.250 | 4 | -0.55 | 5% | 0 |
| 025.53 | Iron, ICP-MS, Microwave (ppm) | 0199 | 227.00 | 2.0000 | 203.38 | 33.290 | 30.250 | 4 | 0.71 | 6% | 0 |
| 025.53 | Iron, ICP-MS, Microwave (ppm) | 2034 | 235.50 | 5.0000 | 203.38 | 33.290 | 30.250 | 4 | 0.97 | 8% | 0 |
| 025.99 | Iron, Miscellaneous (ppm) | 0607 | 210.55 | 2.8056 | | | 2.8056 | 1 | | | |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0596 | 0.33500 | 0.01000 | 0.36063 | 0.01711 | 0.00639 | 14 | -1.50 | 4% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0874 | 0.33815 | 0.00430 | 0.36063 | 0.01711 | 0.00639 | 14 | -1.31 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0175 | 0.35000 | 0.02000 | 0.36063 | 0.01711 | 0.00639 | 14 | -0.62 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0673 | 0.35000 | 0.00000 | 0.36063 | 0.01711 | 0.00639 | 14 | -0.62 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0689 | 0.35000 | 0.02000 | 0.36063 | 0.01711 | 0.00639 | 14 | -0.62 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0354 | 0.35500 | 0.01000 | 0.36063 | 0.01711 | 0.00639 | 14 | -0.33 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0065 | 0.35685 | 0.00430 | 0.36063 | 0.01711 | 0.00639 | 14 | -0.22 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0868 | 0.36350 | 0.00300 | 0.36063 | 0.01711 | 0.00639 | 14 | 0.17 | 0% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0139 | 0.36365 | 0.00030 | 0.36063 | 0.01711 | 0.00639 | 14 | 0.18 | 0% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0563 | 0.36895 | 0.00050 | 0.36063 | 0.01711 | 0.00639 | 14 | 0.49 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0038 | 0.36900 | 0.00800 | 0.36063 | 0.01711 | 0.00639 | 14 | 0.49 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0505 | 0.38050 | 0.00500 | 0.36063 | 0.01711 | 0.00639 | 14 | 1.16 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0650 | 0.39610 | 0.00400 | 0.36063 | 0.01711 | 0.00639 | 14 | 2.07 | 5% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (%) | 0142 | 0.42000 | 0.00000 | 0.36063 | 0.01711 | 0.00639 | 14 | 3.47 | 8% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0609 | 0.35500 | 0.01000 | 0.37894 | 0.02286 | 0.00548 | 5 | -1.05 | 3% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0035 | 0.35870 | 0.00060 | 0.37894 | 0.02286 | 0.00548 | 5 | -0.89 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0263 | 0.37650 | 0.00580 | 0.37894 | 0.02286 | 0.00548 | 5 | -0.11 | 0% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0504 | 0.39950 | 0.00100 | 0.37894 | 0.02286 | 0.00548 | 5 | 0.90 | 3% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (%) | 0169 | 0.40500 | 0.01000 | 0.37894 | 0.02286 | 0.00548 | 5 | 1.14 | 3% | 0 |
| 027.33 | Magnesium, AAS, Microwave (%) | 0948 | 0.34000 | 0.02000 | 0.34750 | 0.01061 | 0.01100 | 2 | -0.71 | 1% | 0 |
| 027.33 | Magnesium, AAS, Microwave (%) | 0504 | 0.35500 | 0.00200 | 0.34750 | 0.01061 | 0.01100 | 2 | 0.71 | 1% | 0 |
| 027.34 | Magnesium, AAS, Dry ash (%) | 0921 | 0.34450 | 0.07300 | | | 0.07300 | 1 | | | |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0051 | 0.33265 | 0.00930 | 0.37523 | 0.02120 | 0.00844 | 26 | -2.01 | 6% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0598 | 0.33515 | 0.00770 | 0.37523 | 0.02120 | 0.00844 | 26 | -1.89 | 5% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0553 | 0.34350 | 0.00100 | 0.37523 | 0.02120 | 0.00844 | 26 | -1.50 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0242 | 0.34500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | -1.43 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0171 | 0.36000 | 0.00000 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.72 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0229 | 0.36000 | 0.00000 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.72 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0011 | 0.36125 | 0.00790 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.66 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0910 | 0.36500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.48 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0148 | 0.36800 | 0.00000 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.34 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0407 | 0.36850 | 0.00100 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.32 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0164 | 0.36900 | 0.00400 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.29 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0049 | 0.37000 | 0.00000 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.25 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0300 | 0.37200 | 0.00400 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.15 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0964 | 0.37455 | 0.00050 | 0.37523 | 0.02120 | 0.00844 | 26 | -0.03 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0083 | 0.38000 | 0.02000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.22 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0003 | 0.38500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.46 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0098 | 0.38500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.46 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0226 | 0.38500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.46 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0358 | 0.38500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.46 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0619 | 0.39300 | 0.01400 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.84 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0100 | 0.39500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.93 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0878 | 0.39500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 0.93 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0413 | 0.40000 | 0.02000 | 0.37523 | 0.02120 | 0.00844 | 26 | 1.17 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0405 | 0.40500 | 0.01000 | 0.37523 | 0.02120 | 0.00844 | 26 | 1.40 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0682 | 0.41000 | 0.02000 | 0.37523 | 0.02120 | 0.00844 | 26 | 1.64 | 5% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (%) | 0720 | 0.42000 | 0.02000 | 0.37523 | 0.02120 | 0.00844 | 26 | 2.11 | 6% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0613 | 0.33000 | 0.00000 | 0.36722 | 0.02364 | 0.00816 | 13 | -1.57 | 5% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0560 | 0.34700 | 0.01640 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.86 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0692 | 0.34800 | 0.00800 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.81 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0357 | 0.35500 | 0.01000 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.52 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0693 | 0.35500 | 0.01000 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.52 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0106 | 0.35600 | 0.00800 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.47 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0045 | 0.36400 | 0.00000 | 0.36722 | 0.02364 | 0.00816 | 13 | -0.14 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0278 | 0.37000 | 0.00000 | 0.36722 | 0.02364 | 0.00816 | 13 | 0.12 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0265 | 0.38000 | 0.02000 | 0.36722 | 0.02364 | 0.00816 | 13 | 0.54 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0186 | 0.38250 | 0.00100 | 0.36722 | 0.02364 | 0.00816 | 13 | 0.65 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0202 | 0.39000 | 0.00000 | 0.36722 | 0.02364 | 0.00816 | 13 | 0.96 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0366 | 0.39500 | 0.03000 | 0.36722 | 0.02364 | 0.00816 | 13 | 1.18 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0187 | 0.40345 | 0.00270 | 0.36722 | 0.02364 | 0.00816 | 13 | 1.53 | 5% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (%) | 0035 | 0.40850 | 0.05020 | 0.36722 | 0.02364 | 0.00816 | 13 | 1.75 | 6% | 1 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0675 | 0.30950 | 0.01300 | 0.37407 | 0.02144 | 0.00647 | 17 | -3.01 | 9% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0038 | 0.33950 | 0.00100 | 0.37407 | 0.02144 | 0.00647 | 17 | -1.61 | 5% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0510 | 0.34500 | 0.01000 | 0.37407 | 0.02144 | 0.00647 | 17 | -1.36 | 4% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0629 | 0.35750 | 0.00500 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.77 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0037 | 0.36000 | 0.02000 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.66 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 2023 | 0.36050 | 0.00100 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.63 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0668 | 0.36700 | 0.00200 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.33 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0008 | 0.37200 | 0.01400 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.10 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0098 | 0.38000 | 0.00000 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.28 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0297 | 0.38000 | 0.00000 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.28 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0033 | 0.38250 | 0.01500 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.39 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0968 | 0.38350 | 0.00300 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.44 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0294 | 0.38500 | 0.01000 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.51 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0003 | 0.39000 | 0.00000 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.74 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0353 | 0.39500 | 0.01000 | 0.37407 | 0.02144 | 0.00647 | 17 | 0.98 | 3% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0425 | 0.40000 | 0.00000 | 0.37407 | 0.02144 | 0.00647 | 17 | 1.21 | 3% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0042 | 0.42600 | 0.00600 | 0.37407 | 0.02144 | 0.00647 | 17 | 2.42 | 7% | 0 |
| 027.43 | Magnesium, ICP, Microwave (%) | 0918 | 0.37000 | 0.04000 | 0.37407 | 0.02144 | 0.00647 | 17 | -0.19 | 1% | 1 |
| 027.44 | Magnesium, ICP, Dry ash (%) | 2004 | 0.37100 | 0.00800 | | | 0.00800 | 1 | | | |
| 027.52 | Magnesium, ICP-MS, Open vessel (%) | 0154 | 0.34180 | 0.02740 | | | 0.02740 | 1 | | | |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 0912 | 0.36000 | 0.00000 | 0.36980 | 0.00951 | 0.01373 | 3 | -1.03 | 1% | 0 |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 2055 | 0.37040 | 0.00900 | 0.36980 | 0.00951 | 0.01373 | 3 | 0.06 | 0% | 0 |
| 027.53 | Magnesium, ICP-MS, Microwave (%) | 0572 | 0.37900 | 0.03220 | 0.36980 | 0.00951 | 0.01373 | 3 | 0.97 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0178 | 116.61 | 5.8300 | 137.65 | 10.136 | 2.8713 | 16 | -2.08 | 8% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0596 | 122.68 | 5.9000 | 137.65 | 10.136 | 2.8713 | 16 | -1.48 | 5% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0629 | 127.00 | 2.0000 | 137.65 | 10.136 | 2.8713 | 16 | -1.05 | 4% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0175 | 131.00 | 2.0000 | 137.65 | 10.136 | 2.8713 | 16 | -0.66 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0673 | 132.00 | 0.00000 | 137.65 | 10.136 | 2.8713 | 16 | -0.56 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0723 | 132.50 | 0.20000 | 137.65 | 10.136 | 2.8713 | 16 | -0.51 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0689 | 132.80 | 10.200 | 137.65 | 10.136 | 2.8713 | 16 | -0.48 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0066 | 135.51 | 2.3600 | 137.65 | 10.136 | 2.8713 | 16 | -0.21 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0563 | 140.00 | 2.0000 | 137.65 | 10.136 | 2.8713 | 16 | 0.23 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0354 | 141.69 | 0.94000 | 137.65 | 10.136 | 2.8713 | 16 | 0.40 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0868 | 142.50 | 1.0000 | 137.65 | 10.136 | 2.8713 | 16 | 0.48 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 2022 | 143.00 | 5.0000 | 137.65 | 10.136 | 2.8713 | 16 | 0.53 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0921 | 143.90 | 0.00000 | 137.65 | 10.136 | 2.8713 | 16 | 0.62 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0505 | 149.50 | 5.0000 | 137.65 | 10.136 | 2.8713 | 16 | 1.17 | 4% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0884 | 153.75 | 1.7000 | 137.65 | 10.136 | 2.8713 | 16 | 1.59 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------|----------|----------|---------|---------------|--------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0939 | 156.64 | 1.8100 | 137.65 | 10.136 | 2.8713 | 16 | 1.87 | 7% | 0 |
| 028.31 | Manganese, AAS, Dry ash (ppm) | 0590 | 142.00 | 38.000 | 137.65 | 10.136 | 2.8713 | 16 | 0.43 | 2% | 1 |
| 028.32 | Manganese, AAS, Open vessel (ppm) | 0035 | 167.10 | 0.60000 | 171.11 | 5.9730 | 8.9750 | 4 | -0.67 | 1% | 0 |
| 028.32 | Manganese, AAS, Open vessel (ppm) | 0038 | 168.50 | 3.0000 | 171.11 | 5.9730 | 8.9750 | 4 | -0.44 | 1% | 0 |
| 028.32 | Manganese, AAS, Open vessel (ppm) | 0504 | 168.85 | 22.300 | 171.11 | 5.9730 | 8.9750 | 4 | -0.38 | 1% | 0 |
| 028.32 | Manganese, AAS, Open vessel (ppm) | 0609 | 180.00 | 10.000 | 171.11 | 5.9730 | 8.9750 | 4 | 1.49 | 3% | 0 |
| 028.33 | Manganese, AAS, Microwave (ppm) | 0948 | 129.78 | 4.6200 | 145.59 | 22.357 | 2.9100 | 2 | -0.71 | 5% | 0 |
| 028.33 | Manganese, AAS, Microwave (ppm) | 0504 | 161.40 | 1.2000 | 145.59 | 22.357 | 2.9100 | 2 | 0.71 | 5% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0720 | 117.43 | 0.18000 | 142.57 | 14.685 | 4.5814 | 29 | -1.71 | 9% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0610 | 121.00 | 6.0000 | 142.57 | 14.685 | 4.5814 | 29 | -1.47 | 8% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0049 | 121.86 | 3.3000 | 142.57 | 14.685 | 4.5814 | 29 | -1.41 | 7% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0051 | 125.59 | 5.1300 | 142.57 | 14.685 | 4.5814 | 29 | -1.16 | 6% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0164 | 131.00 | 6.0000 | 142.57 | 14.685 | 4.5814 | 29 | -0.79 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0511 | 132.00 | 4.0000 | 142.57 | 14.685 | 4.5814 | 29 | -0.72 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0598 | 132.85 | 0.10000 | 142.57 | 14.685 | 4.5814 | 29 | -0.66 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0553 | 133.00 | 4.0000 | 142.57 | 14.685 | 4.5814 | 29 | -0.65 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0300 | 134.35 | 3.3670 | 142.57 | 14.685 | 4.5814 | 29 | -0.56 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0171 | 134.45 | 4.3000 | 142.57 | 14.685 | 4.5814 | 29 | -0.55 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0619 | 134.50 | 11.000 | 142.57 | 14.685 | 4.5814 | 29 | -0.55 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0003 | 137.00 | 6.0000 | 142.57 | 14.685 | 4.5814 | 29 | -0.38 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0004 | 137.00 | 4.0000 | 142.57 | 14.685 | 4.5814 | 29 | -0.38 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0074 | 139.00 | 10.000 | 142.57 | 14.685 | 4.5814 | 29 | -0.24 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0964 | 141.80 | 8.6000 | 142.57 | 14.685 | 4.5814 | 29 | -0.05 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0407 | 142.50 | 5.0000 | 142.57 | 14.685 | 4.5814 | 29 | 0.00 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0098 | 146.10 | 1.4000 | 142.57 | 14.685 | 4.5814 | 29 | 0.24 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0148 | 146.75 | 2.3000 | 142.57 | 14.685 | 4.5814 | 29 | 0.28 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0100 | 149.50 | 13.000 | 142.57 | 14.685 | 4.5814 | 29 | 0.47 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0011 | 149.71 | 1.2150 | 142.57 | 14.685 | 4.5814 | 29 | 0.49 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0878 | 150.00 | 0.00000 | 142.57 | 14.685 | 4.5814 | 29 | 0.51 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0229 | 153.00 | 12.000 | 142.57 | 14.685 | 4.5814 | 29 | 0.71 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0910 | 156.00 | 8.0000 | 142.57 | 14.685 | 4.5814 | 29 | 0.91 | 5% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0358 | 156.48 | 1.2200 | 142.57 | 14.685 | 4.5814 | 29 | 0.95 | 5% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0226 | 159.50 | 5.0000 | 142.57 | 14.685 | 4.5814 | 29 | 1.15 | 6% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0242 | 164.50 | 1.0000 | 142.57 | 14.685 | 4.5814 | 29 | 1.49 | 8% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0682 | 165.38 | 0.75000 | 142.57 | 14.685 | 4.5814 | 29 | 1.55 | 8% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0405 | 175.50 | 1.0000 | 142.57 | 14.685 | 4.5814 | 29 | 2.24 | 12% | 0 |
| 028.41 | Manganese, ICP, Dry ash (ppm) | 0083 | 179.50 | 5.0000 | 142.57 | 14.685 | 4.5814 | 29 | 2.51 | 13% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0693 | 155.00 | 6.0000 | 173.41 | 8.9669 | 6.3482 | 17 | -2.05 | 5% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0613 | 160.50 | 0.80000 | 173.41 | 8.9669 | 6.3482 | 17 | -1.44 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0692 | 161.00 | 2.0000 | 173.41 | 8.9669 | 6.3482 | 17 | -1.38 | 4% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0278 | 167.00 | 2.0000 | 173.41 | 8.9669 | 6.3482 | 17 | -0.71 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0560 | 167.50 | 15.000 | 173.41 | 8.9669 | 6.3482 | 17 | -0.66 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|--------|--------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0106 | 171.00 | 2.0000 | 173.41 | 8.9669 | 6.3482 | 17 | -0.27 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0045 | 173.00 | 6.0000 | 173.41 | 8.9669 | 6.3482 | 17 | -0.05 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0357 | 174.00 | 4.0000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.07 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0413 | 174.50 | 3.0000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.12 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0186 | 175.00 | 2.0000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.18 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0265 | 177.00 | 18.000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.40 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0366 | 177.50 | 21.000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.46 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0202 | 178.99 | 2.0000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.62 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0726 | 181.00 | 1.0000 | 173.41 | 8.9669 | 6.3482 | 17 | 0.85 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0035 | 182.55 | 22.100 | 173.41 | 8.9669 | 6.3482 | 17 | 1.02 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0190 | 182.90 | 0.60000 | 173.41 | 8.9669 | 6.3482 | 17 | 1.06 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0187 | 184.50 | 0.42000 | 173.41 | 8.9669 | 6.3482 | 17 | 1.24 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (ppm) | 0026 | 0.95600 | 0.22800 | 173.41 | 8.9669 | 6.3482 | 17 | -19.23 | 50% | 2 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0510 | 149.00 | 4.0000 | 166.96 | 10.120 | 3.5857 | 21 | -1.77 | 5% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0629 | 152.00 | 4.0000 | 166.96 | 10.120 | 3.5857 | 21 | -1.48 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0168 | 155.00 | 10.000 | 166.96 | 10.120 | 3.5857 | 21 | -1.18 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0018 | 157.00 | 0.00000 | 166.96 | 10.120 | 3.5857 | 21 | -0.98 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0675 | 160.48 | 0.23000 | 166.96 | 10.120 | 3.5857 | 21 | -0.64 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0668 | 160.50 | 5.0000 | 166.96 | 10.120 | 3.5857 | 21 | -0.64 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0038 | 162.50 | 1.0000 | 166.96 | 10.120 | 3.5857 | 21 | -0.44 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0169 | 163.50 | 1.0000 | 166.96 | 10.120 | 3.5857 | 21 | -0.34 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0918 | 163.79 | 3.4300 | 166.96 | 10.120 | 3.5857 | 21 | -0.31 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0037 | 164.00 | 4.0000 | 166.96 | 10.120 | 3.5857 | 21 | -0.29 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0353 | 166.90 | 3.6000 | 166.96 | 10.120 | 3.5857 | 21 | -0.01 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0294 | 167.75 | 1.5000 | 166.96 | 10.120 | 3.5857 | 21 | 0.08 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0003 | 169.50 | 7.0000 | 166.96 | 10.120 | 3.5857 | 21 | 0.25 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0297 | 170.00 | 6.0000 | 166.96 | 10.120 | 3.5857 | 21 | 0.30 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0033 | 171.50 | 3.0000 | 166.96 | 10.120 | 3.5857 | 21 | 0.45 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0008 | 174.00 | 8.0000 | 166.96 | 10.120 | 3.5857 | 21 | 0.70 | 2% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0968 | 177.00 | 2.0000 | 166.96 | 10.120 | 3.5857 | 21 | 0.99 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0425 | 178.65 | 3.1000 | 166.96 | 10.120 | 3.5857 | 21 | 1.16 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0042 | 179.00 | 2.0000 | 166.96 | 10.120 | 3.5857 | 21 | 1.19 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0098 | 179.30 | 6.0000 | 166.96 | 10.120 | 3.5857 | 21 | 1.22 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (ppm) | 0027 | 180.48 | 0.44000 | 166.96 | 10.120 | 3.5857 | 21 | 1.34 | 4% | 0 |
| 028.44 | Manganese, ICP, Dry ash (ppm) | 2023 | 125.50 | 1.0000 | 154.98 | 22.467 | 7.6500 | 4 | -1.31 | 10% | 0 |
| 028.44 | Manganese, ICP, Dry ash (ppm) | 2004 | 149.50 | 7.0000 | 154.98 | 22.467 | 7.6500 | 4 | -0.24 | 2% | 0 |
| 028.44 | Manganese, ICP, Dry ash (ppm) | 0647 | 170.90 | 20.600 | 154.98 | 22.467 | 7.6500 | 4 | 0.71 | 5% | 0 |
| 028.44 | Manganese, ICP, Dry ash (ppm) | 0955 | 174.00 | 2.0000 | 154.98 | 22.467 | 7.6500 | 4 | 0.85 | 6% | 0 |
| 028.52 | Manganese, ICP-MS, Open vessel (ppm) | 0154 | 156.88 | 14.820 | | | 14.820 | 1 | | | |
| 028.53 | Manganese, ICP-MS, Microwave (ppm) | 0912 | 160.00 | 0.00000 | 166.69 | 6.3831 | 4.3000 | 5 | -1.05 | 2% | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (ppm) | 2055 | 160.32 | 1.4000 | 166.69 | 6.3831 | 4.3000 | 5 | -1.00 | 2% | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (ppm) | 0199 | 168.15 | 8.1000 | 166.69 | 6.3831 | 4.3000 | 5 | 0.23 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 028.53 | Manganese, ICP-MS, Microwave (ppm) | 0572 | 170.50 | 9.0000 | 166.69 | 6.3831 | 4.3000 | 5 | 0.60 | 1% | 0 |
| 028.53 | Manganese, ICP-MS, Microwave (ppm) | 2034 | 174.50 | 3.0000 | 166.69 | 6.3831 | 4.3000 | 5 | 1.22 | 2% | 0 |
| 028.99 | Manganese, Miscellaneous (ppm) | 0607 | 141.51 | 0.32130 | | | 0.32130 | 1 | | | |
| 031.01 | Phosphorus, Photometric (%) | 0108 | 0.67500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -6.30 | 10% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0946 | 0.67710 | 0.00740 | 0.85190 | 0.02809 | 0.00832 | 58 | -6.22 | 10% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0065 | 0.77880 | 0.00840 | 0.85190 | 0.02809 | 0.00832 | 58 | -2.60 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0152 | 0.79000 | 0.02000 | 0.85190 | 0.02809 | 0.00832 | 58 | -2.20 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0921 | 0.79465 | 0.00310 | 0.85190 | 0.02809 | 0.00832 | 58 | -2.04 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0142 | 0.80000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.85 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2022 | 0.80000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.85 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0874 | 0.81075 | 0.00510 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.46 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0194 | 0.81500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.31 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0511 | 0.82000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.14 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0885 | 0.82000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | -1.14 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0650 | 0.82500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.96 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0596 | 0.83000 | 0.02000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.78 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2009 | 0.83185 | 0.00150 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.71 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0175 | 0.83500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.60 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0609 | 0.83500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.60 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0683 | 0.83500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.60 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2054 | 0.83585 | 0.01210 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.57 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0563 | 0.83750 | 0.00120 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.51 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0626 | 0.84150 | 0.02100 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.37 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0653 | 0.84250 | 0.00100 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.33 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0038 | 0.84450 | 0.01100 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.26 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0622 | 0.84520 | 0.00160 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.24 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0894 | 0.85000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.07 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0016 | 0.85050 | 0.00300 | 0.85190 | 0.02809 | 0.00832 | 58 | -0.05 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0139 | 0.85350 | 0.00500 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.06 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0966 | 0.85450 | 0.00100 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.09 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0629 | 0.85500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0670 | 0.85500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0674 | 0.85500 | 0.03000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0893 | 0.85500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.11 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0607 | 0.85520 | 0.00560 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.12 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0722 | 0.85660 | 0.00100 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.17 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0891 | 0.85760 | 0.00020 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.20 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0620 | 0.85975 | 0.00350 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.28 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0354 | 0.86000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.29 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0687 | 0.86000 | 0.02000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.29 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0895 | 0.86000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.29 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0651 | 0.86200 | 0.00200 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.36 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 031.01 | Phosphorus, Photometric (%) | 0337 | 0.86500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.47 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0878 | 0.86500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.47 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0884 | 0.86500 | 0.03000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.47 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0887 | 0.86500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.47 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2027 | 0.86785 | 0.00290 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.57 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0723 | 0.87000 | 0.02000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.64 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0868 | 0.87000 | 0.00200 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.64 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0263 | 0.87060 | 0.00200 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.67 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0036 | 0.87405 | 0.00430 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.79 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0948 | 0.87500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.82 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0938 | 0.88000 | 0.00000 | 0.85190 | 0.02809 | 0.00832 | 58 | 1.00 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0728 | 0.88500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 1.18 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2042 | 0.88500 | 0.01000 | 0.85190 | 0.02809 | 0.00832 | 58 | 1.18 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0066 | 0.90300 | 0.02400 | 0.85190 | 0.02809 | 0.00832 | 58 | 1.82 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0951 | 0.90450 | 0.02100 | 0.85190 | 0.02809 | 0.00832 | 58 | 1.87 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0689 | 0.91000 | 0.02000 | 0.85190 | 0.02809 | 0.00832 | 58 | 2.07 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0035 | 0.91550 | 0.00300 | 0.85190 | 0.02809 | 0.00832 | 58 | 2.26 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 2006 | 0.92600 | 0.01600 | 0.85190 | 0.02809 | 0.00832 | 58 | 2.64 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0658 | 0.94095 | 0.00270 | 0.85190 | 0.02809 | 0.00832 | 58 | 3.17 | 5% | 0 |
| 031.01 | Phosphorus, Photometric (%) | 0939 | 0.85500 | 0.05000 | 0.85190 | 0.02809 | 0.00832 | 58 | 0.11 | 0% | 1 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (%) | 0011 | 0.85110 | 0.00480 | 0.87305 | 0.03104 | 0.00740 | 2 | -0.71 | 1% | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (%) | 0505 | 0.89500 | 0.01000 | 0.87305 | 0.03104 | 0.00740 | 2 | 0.71 | 1% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0047 | 0.80000 | 0.08000 | 0.84361 | 0.03430 | 0.02638 | 4 | -1.27 | 3% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0169 | 0.83500 | 0.01000 | 0.84361 | 0.03430 | 0.02638 | 4 | -0.25 | 1% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0001 | 0.86000 | 0.00400 | 0.84361 | 0.03430 | 0.02638 | 4 | 0.48 | 1% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (%) | 0036 | 0.87945 | 0.01150 | 0.84361 | 0.03430 | 0.02638 | 4 | 1.04 | 2% | 0 |
| 031.06 | Phosphorus, Hach Method (%) | 0536 | 0.75000 | 0.00000 | 0.80600 | 0.07920 | 0.00800 | 2 | -0.71 | 3% | 0 |
| 031.06 | Phosphorus, Hach Method (%) | 0138 | 0.86200 | 0.01600 | 0.80600 | 0.07920 | 0.00800 | 2 | 0.71 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0553 | 0.77950 | 0.03700 | 0.85574 | 0.02520 | 0.02240 | 35 | -3.03 | 4% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0144 | 0.80500 | 0.01000 | 0.85574 | 0.02520 | 0.02240 | 35 | -2.01 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0242 | 0.80500 | 0.01000 | 0.85574 | 0.02520 | 0.02240 | 35 | -2.01 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0848 | 0.81000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | -1.81 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0171 | 0.82000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | -1.42 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0019 | 0.83000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | -1.02 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0298 | 0.83000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | -1.02 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0910 | 0.83500 | 0.03000 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.82 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0300 | 0.84200 | 0.04600 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.55 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0148 | 0.84300 | 0.00200 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.51 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0011 | 0.84495 | 0.00810 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.43 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0164 | 0.84500 | 0.01000 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.43 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0598 | 0.84610 | 0.02920 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.38 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0619 | 0.84650 | 0.03100 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.37 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0964 | 0.84870 | 0.05320 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.28 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0100 | 0.85000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.23 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0004 | 0.85500 | 0.03000 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.03 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0229 | 0.85500 | 0.01000 | 0.85574 | 0.02520 | 0.02240 | 35 | -0.03 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0051 | 0.85765 | 0.01770 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.08 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0089 | 0.86000 | 0.00000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0226 | 0.86000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0661 | 0.86000 | 0.00000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0098 | 0.86500 | 0.03000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.37 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0407 | 0.86800 | 0.00000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.49 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0049 | 0.87000 | 0.00000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.57 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0083 | 0.87000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.57 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0358 | 0.87500 | 0.03000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.76 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0512 | 0.87890 | 0.00980 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.92 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0413 | 0.88000 | 0.06000 | 0.85574 | 0.02520 | 0.02240 | 35 | 0.96 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0074 | 0.88500 | 0.05000 | 0.85574 | 0.02520 | 0.02240 | 35 | 1.16 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0682 | 0.91000 | 0.04000 | 0.85574 | 0.02520 | 0.02240 | 35 | 2.15 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0003 | 0.93500 | 0.01000 | 0.85574 | 0.02520 | 0.02240 | 35 | 3.15 | 5% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0405 | 0.94000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | 3.34 | 5% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0720 | 0.98000 | 0.02000 | 0.85574 | 0.02520 | 0.02240 | 35 | 4.93 | 7% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (%) | 0610 | 1.0450 | 0.05000 | 0.85574 | 0.02520 | 0.02240 | 35 | 7.51 | 11% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0665 | 0.59500 | 0.01000 | 0.84338 | 0.04234 | 0.02400 | 20 | -5.87 | 15% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0692 | 0.75400 | 0.04000 | 0.84338 | 0.04234 | 0.02400 | 20 | -2.11 | 5% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0693 | 0.79000 | 0.02000 | 0.84338 | 0.04234 | 0.02400 | 20 | -1.26 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0357 | 0.80000 | 0.04000 | 0.84338 | 0.04234 | 0.02400 | 20 | -1.02 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0045 | 0.80750 | 0.00100 | 0.84338 | 0.04234 | 0.02400 | 20 | -0.85 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0106 | 0.82250 | 0.03300 | 0.84338 | 0.04234 | 0.02400 | 20 | -0.49 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0560 | 0.82785 | 0.04150 | 0.84338 | 0.04234 | 0.02400 | 20 | -0.37 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0504 | 0.83150 | 0.00100 | 0.84338 | 0.04234 | 0.02400 | 20 | -0.28 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0205 | 0.83450 | 0.01700 | 0.84338 | 0.04234 | 0.02400 | 20 | -0.21 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0190 | 0.84500 | 0.03000 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.04 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0613 | 0.85000 | 0.00000 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.16 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0035 | 0.85785 | 0.00390 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.34 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0014 | 0.85950 | 0.01900 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.38 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0186 | 0.86200 | 0.05200 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.44 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0278 | 0.86500 | 0.01000 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.51 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0366 | 0.88000 | 0.08000 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.86 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0726 | 0.88350 | 0.00100 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.95 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0202 | 0.88500 | 0.01000 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.98 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0187 | 0.89195 | 0.00050 | 0.84338 | 0.04234 | 0.02400 | 20 | 1.15 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0265 | 0.92500 | 0.07000 | 0.84338 | 0.04234 | 0.02400 | 20 | 1.93 | 5% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (%) | 0026 | 0.88315 | 0.16690 | 0.84338 | 0.04234 | 0.02400 | 20 | 0.94 | 2% | 1 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0168 | 0.82250 | 0.02300 | 0.85941 | 0.02843 | 0.01343 | 21 | -1.30 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 2023 | 0.82300 | 0.00200 | 0.85941 | 0.02843 | 0.01343 | 21 | -1.28 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0037 | 0.83500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.86 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0033 | 0.83550 | 0.01700 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.84 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0629 | 0.83900 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.72 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0510 | 0.84000 | 0.00000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.68 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0914 | 0.84000 | 0.02000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.68 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0042 | 0.84250 | 0.01500 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.59 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0294 | 0.84500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.51 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0003 | 0.85000 | 0.00000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.33 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0297 | 0.85500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | -0.16 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0008 | 0.86450 | 0.03100 | 0.85941 | 0.02843 | 0.01343 | 21 | 0.18 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0675 | 0.86500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | 0.20 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0918 | 0.86500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | 0.20 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0038 | 0.87300 | 0.00600 | 0.85941 | 0.02843 | 0.01343 | 21 | 0.48 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0027 | 0.87750 | 0.02300 | 0.85941 | 0.02843 | 0.01343 | 21 | 0.64 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0425 | 0.89500 | 0.01000 | 0.85941 | 0.02843 | 0.01343 | 21 | 1.25 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0028 | 0.90000 | 0.02000 | 0.85941 | 0.02843 | 0.01343 | 21 | 1.43 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0098 | 0.91000 | 0.02000 | 0.85941 | 0.02843 | 0.01343 | 21 | 1.78 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0968 | 0.91150 | 0.00500 | 0.85941 | 0.02843 | 0.01343 | 21 | 1.83 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0353 | 0.91500 | 0.03000 | 0.85941 | 0.02843 | 0.01343 | 21 | 1.96 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (%) | 0668 | 0.81250 | 0.08300 | 0.85941 | 0.02843 | 0.01343 | 21 | -1.65 | 3% | 1 |
| 031.44 | Phosphorus, ICP, Dry ash (%) | 0647 | 0.72480 | 0.01960 | 0.84010 | 0.10747 | 0.01887 | 3 | -1.07 | 7% | 0 |
| 031.44 | Phosphorus, ICP, Dry ash (%) | 2004 | 0.85800 | 0.02400 | 0.84010 | 0.10747 | 0.01887 | 3 | 0.17 | 1% | 0 |
| 031.44 | Phosphorus, ICP, Dry ash (%) | 0955 | 0.93750 | 0.01300 | 0.84010 | 0.10747 | 0.01887 | 3 | 0.91 | 6% | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0199 | 0.80000 | 0.00000 | 0.84266 | 0.02487 | 0.01392 | 5 | -1.72 | 3% | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 2034 | 0.84550 | 0.00300 | 0.84266 | 0.02487 | 0.01392 | 5 | 0.11 | 0% | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 2055 | 0.84875 | 0.01870 | 0.84266 | 0.02487 | 0.01392 | 5 | 0.24 | 0% | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0912 | 0.85500 | 0.01000 | 0.84266 | 0.02487 | 0.01392 | 5 | 0.50 | 1% | 0 |
| 031.53 | Phosphorus, ICP-MS, Microwave (%) | 0572 | 0.86405 | 0.03790 | 0.84266 | 0.02487 | 0.01392 | 5 | 0.86 | 1% | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0852 | 0.79500 | 0.01000 | 0.83870 | 0.02602 | 0.01940 | 5 | -1.68 | 3% | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0673 | 0.83500 | 0.01000 | 0.83870 | 0.02602 | 0.01940 | 5 | -0.14 | 0% | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0590 | 0.85000 | 0.00000 | 0.83870 | 0.02602 | 0.01940 | 5 | 0.43 | 1% | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0552 | 0.85500 | 0.01000 | 0.83870 | 0.02602 | 0.01940 | 5 | 0.63 | 1% | 0 |
| 031.99 | Phosphorus, Miscellaneous (%) | 0676 | 0.85850 | 0.06700 | 0.83870 | 0.02602 | 0.01940 | 5 | 0.76 | 1% | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0108 | 0.84500 | 0.23000 | 0.99160 | 0.15125 | 0.05520 | 5 | -0.97 | 7% | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0047 | 0.89500 | 0.03000 | 0.99160 | 0.15125 | 0.05520 | 5 | -0.64 | 5% | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0139 | 0.91750 | 0.00100 | 0.99160 | 0.15125 | 0.05520 | 5 | -0.49 | 4% | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0716 | 1.1010 | 0.00400 | 0.99160 | 0.15125 | 0.05520 | 5 | 0.72 | 6% | 0 |
| 032.02 | Potassium, Flame Emission (%) | 0951 | 1.1995 | 0.01100 | 0.99160 | 0.15125 | 0.05520 | 5 | 1.37 | 10% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0874 | 0.01850 | 0.00040 | 1.0158 | 0.07103 | 0.02271 | 23 | -14.04 | 49% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0142 | 0.71500 | 0.03000 | 1.0158 | 0.07103 | 0.02271 | 23 | -4.23 | 15% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 032.31 | Potassium, AAS, Dry ash (%) | 0670 | 0.91500 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | -1.42 | 5% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0723 | 0.94000 | 0.02000 | 1.0158 | 0.07103 | 0.02271 | 23 | -1.07 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0065 | 0.96210 | 0.01220 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.76 | 3% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0629 | 0.96500 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.72 | 3% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0868 | 0.98500 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.43 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0178 | 0.99100 | 0.01400 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.35 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0505 | 0.99500 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.29 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0689 | 1.0000 | 0.08000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.22 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0596 | 1.0050 | 0.03000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.15 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0014 | 1.0150 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | -0.01 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0175 | 1.0250 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.13 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0038 | 1.0300 | 0.02000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.20 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0673 | 1.0400 | 0.00000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.34 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0939 | 1.0450 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.41 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0354 | 1.0600 | 0.02000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.62 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0563 | 1.0601 | 0.02300 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.62 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0066 | 1.0800 | 0.04000 | 1.0158 | 0.07103 | 0.02271 | 23 | 0.90 | 3% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0650 | 1.0950 | 0.01000 | 1.0158 | 0.07103 | 0.02271 | 23 | 1.12 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0683 | 1.0950 | 0.05000 | 1.0158 | 0.07103 | 0.02271 | 23 | 1.12 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0948 | 1.1350 | 0.05000 | 1.0158 | 0.07103 | 0.02271 | 23 | 1.68 | 6% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0946 | 1.1733 | 0.05280 | 1.0158 | 0.07103 | 0.02271 | 23 | 2.22 | 8% | 0 |
| 032.31 | Potassium, AAS, Dry ash (%) | 0921 | 0.87200 | 0.18200 | 1.0158 | 0.07103 | 0.02271 | 23 | -2.02 | 7% | 1 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0035 | 0.96195 | 0.09010 | 1.1623 | 0.04841 | 0.06453 | 6 | -4.14 | 9% | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0036 | 1.1317 | 0.00710 | 1.1623 | 0.04841 | 0.06453 | 6 | -0.63 | 1% | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0612 | 1.1650 | 0.01000 | 1.1623 | 0.04841 | 0.06453 | 6 | 0.06 | 0% | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0169 | 1.1700 | 0.00000 | 1.1623 | 0.04841 | 0.06453 | 6 | 0.16 | 0% | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0013 | 1.1950 | 0.07000 | 1.1623 | 0.04841 | 0.06453 | 6 | 0.68 | 1% | 0 |
| 032.32 | Potassium, AAS, Open vessel (%) | 0609 | 1.2150 | 0.21000 | 1.1623 | 0.04841 | 0.06453 | 6 | 1.09 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0598 | 0.88635 | 0.02890 | 1.0471 | 0.05709 | 0.02674 | 32 | -2.82 | 8% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0553 | 0.92700 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | -2.10 | 6% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0049 | 0.94500 | 0.01000 | 1.0471 | 0.05709 | 0.02674 | 32 | -1.79 | 5% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0011 | 0.96060 | 0.00740 | 1.0471 | 0.05709 | 0.02674 | 32 | -1.51 | 4% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0144 | 0.98000 | 0.04000 | 1.0471 | 0.05709 | 0.02674 | 32 | -1.17 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0964 | 0.99990 | 0.04020 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.83 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0004 | 1.0050 | 0.01000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.74 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0720 | 1.0050 | 0.07000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.74 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0229 | 1.0100 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.65 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0003 | 1.0150 | 0.01000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.56 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0619 | 1.0250 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.39 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0171 | 1.0300 | 0.00000 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.30 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0051 | 1.0339 | 0.02930 | 1.0471 | 0.05709 | 0.02674 | 32 | -0.23 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0100 | 1.0500 | 0.00000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.05 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 032.41 | Potassium, ICP, Dry ash (%) | 0164 | 1.0500 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.05 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0358 | 1.0500 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.05 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0512 | 1.0525 | 0.02700 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.10 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0148 | 1.0530 | 0.00400 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.10 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0910 | 1.0550 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.14 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0074 | 1.0600 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.23 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0098 | 1.0650 | 0.01000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.31 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0955 | 1.0700 | 0.02000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.40 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0407 | 1.0740 | 0.03200 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.47 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0242 | 1.0750 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.49 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0413 | 1.0750 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.49 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0878 | 1.1000 | 0.00000 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.93 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0300 | 1.1025 | 0.01700 | 1.0471 | 0.05709 | 0.02674 | 32 | 0.97 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0226 | 1.1050 | 0.07000 | 1.0471 | 0.05709 | 0.02674 | 32 | 1.01 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0083 | 1.1150 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | 1.19 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0682 | 1.1250 | 0.05000 | 1.0471 | 0.05709 | 0.02674 | 32 | 1.37 | 4% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0405 | 1.1350 | 0.03000 | 1.0471 | 0.05709 | 0.02674 | 32 | 1.54 | 4% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0511 | 1.3400 | 0.10000 | 1.0471 | 0.05709 | 0.02674 | 32 | 5.13 | 14% | 0 |
| 032.41 | Potassium, ICP, Dry ash (%) | 0848 | 9,786.9 | 29.140 | 1.0471 | 0.05709 | 0.02674 | 32 | 171416.03 | 467297% | 2 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0026 | 0.88720 | 0.00720 | 1.0933 | 0.05934 | 0.03323 | 18 | -3.47 | 9% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0357 | 1.0200 | 0.04000 | 1.0933 | 0.05934 | 0.03323 | 18 | -1.24 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0692 | 1.0250 | 0.01000 | 1.0933 | 0.05934 | 0.03323 | 18 | -1.15 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0560 | 1.0499 | 0.06400 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.73 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0045 | 1.0500 | 0.08000 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.73 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0035 | 1.0585 | 0.05100 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.59 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0504 | 1.0620 | 0.04400 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.53 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0205 | 1.0800 | 0.00000 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.22 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0278 | 1.0850 | 0.01000 | 1.0933 | 0.05934 | 0.03323 | 18 | -0.14 | 0% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0613 | 1.1150 | 0.03000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.37 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0190 | 1.1150 | 0.01000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.37 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0726 | 1.1180 | 0.00200 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.42 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0187 | 1.1200 | 0.00000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.45 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0106 | 1.1250 | 0.05000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.53 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0265 | 1.1400 | 0.06000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.79 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0186 | 1.1500 | 0.04000 | 1.0933 | 0.05934 | 0.03323 | 18 | 0.95 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0202 | 1.1750 | 0.01000 | 1.0933 | 0.05934 | 0.03323 | 18 | 1.38 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0366 | 1.1850 | 0.09000 | 1.0933 | 0.05934 | 0.03323 | 18 | 1.54 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (%) | 0693 | 5.6650 | 9.2700 | 1.0933 | 0.05934 | 0.03323 | 18 | 77.04 | 209% | 2 |
| 032.43 | Potassium, ICP, Microwave (%) | 0629 | 0.95150 | 0.00300 | 1.1142 | 0.06843 | 0.02024 | 21 | -2.38 | 7% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 2023 | 1.0050 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | -1.60 | 5% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0510 | 1.0450 | 0.03000 | 1.1142 | 0.06843 | 0.02024 | 21 | -1.01 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0168 | 1.0565 | 0.04300 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.84 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 032.43 | Potassium, ICP, Microwave (%) | 0968 | 1.0600 | 0.00400 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.79 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0668 | 1.0700 | 0.06000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.65 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0918 | 1.0700 | 0.04000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.65 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0037 | 1.0850 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.43 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0038 | 1.1050 | 0.03000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.13 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0008 | 1.1100 | 0.02000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.06 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0297 | 1.1100 | 0.00000 | 1.1142 | 0.06843 | 0.02024 | 21 | -0.06 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0033 | 1.1150 | 0.05000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.01 | 0% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0027 | 1.1365 | 0.00500 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.33 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0042 | 1.1450 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.45 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0353 | 1.1550 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.60 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0675 | 1.1600 | 0.02000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.67 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0098 | 1.1700 | 0.04000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.82 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0294 | 1.1750 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 0.89 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0028 | 1.1850 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 1.03 | 3% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0425 | 1.2050 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 1.33 | 4% | 0 |
| 032.43 | Potassium, ICP, Microwave (%) | 0003 | 1.2350 | 0.01000 | 1.1142 | 0.06843 | 0.02024 | 21 | 1.77 | 5% | 0 |
| 032.44 | Potassium, ICP, Dry ash (%) | 0647 | 0.87815 | 0.03070 | 0.95908 | 0.11445 | 0.02535 | 2 | -0.71 | 4% | 0 |
| 032.44 | Potassium, ICP, Dry ash (%) | 2004 | 1.0400 | 0.02000 | 0.95908 | 0.11445 | 0.02535 | 2 | 0.71 | 4% | 0 |
| 032.52 | Potassium, ICP-MS, Open vessel (%) | 0154 | 1.0435 | 0.06770 | | | 0.06770 | 1 | | | |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0199 | 1.0000 | 0.00000 | 1.0834 | 0.05363 | 0.04280 | 5 | -1.55 | 4% | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 2055 | 1.0688 | 0.06000 | 1.0834 | 0.05363 | 0.04280 | 5 | -0.27 | 1% | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0572 | 1.0995 | 0.05700 | 1.0834 | 0.05363 | 0.04280 | 5 | 0.30 | 1% | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 0912 | 1.1050 | 0.07000 | 1.0834 | 0.05363 | 0.04280 | 5 | 0.40 | 1% | 0 |
| 032.53 | Potassium, ICP-MS, Microwave (%) | 2034 | 1.1435 | 0.02700 | 1.0834 | 0.05363 | 0.04280 | 5 | 1.12 | 3% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 2006 | 0.85800 | 0.00400 | 0.97150 | 0.16051 | 0.00700 | 2 | -0.71 | 6% | 0 |
| 032.99 | Potassium, Miscellaneous (%) | 0001 | 1.0850 | 0.01000 | 0.97150 | 0.16051 | 0.00700 | 2 | 0.71 | 6% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0366 | 0.22500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -6.95 | 35% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0613 | 0.45500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -3.79 | 19% | 0 |
| 033.00 | Salt, Sol Cl (%) | 2006 | 0.53500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -2.69 | 13% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0894 | 0.62500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -1.45 | 7% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0893 | 0.66500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.90 | 4% | 0 |
| 033.00 | Salt, Sol Cl (%) | 2027 | 0.68020 | 0.00320 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.69 | 3% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0938 | 0.68500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.63 | 3% | 0 |
| 033.00 | Salt, Sol Cl (%) | 2042 | 0.68500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.63 | 3% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0884 | 0.69000 | 0.00000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.56 | 3% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0868 | 0.70500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.35 | 2% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0539 | 0.71500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.22 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0298 | 0.72000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.15 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0895 | 0.72000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.15 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0966 | 0.72500 | 0.00000 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.08 | 0% | 0 |
| 033.00 | Salt, Sol Cl (%) | 2009 | 0.72630 | 0.00520 | 0.73073 | 0.07276 | 0.01257 | 29 | -0.06 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 033.00 | Salt, Sol Cl (%) | 0653 | 0.73950 | 0.00100 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.12 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0169 | 0.74000 | 0.00000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.13 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0878 | 0.74000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.13 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0910 | 0.74500 | 0.03000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.20 | 1% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0309 | 0.76250 | 0.00300 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.44 | 2% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0016 | 0.77500 | 0.00200 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.61 | 3% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0353 | 0.79000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.81 | 4% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0723 | 0.79000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.81 | 4% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0885 | 0.79000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.81 | 4% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0675 | 0.79500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | 0.88 | 4% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0511 | 0.82500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | 1.30 | 6% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0683 | 0.84500 | 0.01000 | 0.73073 | 0.07276 | 0.01257 | 29 | 1.57 | 8% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0693 | 0.88000 | 0.02000 | 0.73073 | 0.07276 | 0.01257 | 29 | 2.05 | 10% | 0 |
| 033.00 | Salt, Sol Cl (%) | 0045 | 1.1300 | 0.06000 | 0.73073 | 0.07276 | 0.01257 | 29 | 5.49 | 27% | 0 |
| 033.00 | Salt, Sol Cl (%) | 2022 | 0.41400 | 0.15600 | 0.73073 | 0.07276 | 0.01257 | 29 | -4.35 | 22% | 1 |
| 033.00 | Salt, Sol Cl (%) | 0946 | 2.9343 | 0.00150 | 0.73073 | 0.07276 | 0.01257 | 29 | 30.28 | 151% | 2 |
| 033.01 | Salt, Poten Cl (%) | 0148 | 0.28450 | 0.00900 | 0.80538 | 0.01782 | 0.00853 | 41 | -29.23 | 32% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0175 | 0.50000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -17.13 | 19% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0674 | 0.51500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -16.29 | 18% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0891 | 0.69950 | 0.00100 | 0.80538 | 0.01782 | 0.00853 | 41 | -5.94 | 7% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0629 | 0.75500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -2.83 | 3% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0011 | 0.75570 | 0.01360 | 0.80538 | 0.01782 | 0.00853 | 41 | -2.79 | 3% | 0 |
| 033.01 | Salt, Poten Cl (%) | 2006 | 0.77800 | 0.01200 | 0.80538 | 0.01782 | 0.00853 | 41 | -1.54 | 2% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0229 | 0.78500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -1.14 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0510 | 0.79000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.86 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0413 | 0.79500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.58 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0939 | 0.79500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.58 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0001 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0003 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0178 | 0.80000 | 0.00200 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0226 | 0.80000 | 0.02000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0354 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0425 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0861 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 2023 | 0.80000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.30 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0083 | 0.80500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.02 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0194 | 0.80500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.02 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0337 | 0.80500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.02 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0596 | 0.80500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | -0.02 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0964 | 0.80795 | 0.00590 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.14 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0164 | 0.81000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.26 | 0% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0205 | 0.81000 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.26 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 033.01 | Salt, Poten Cl (%) | 0100 | 0.81500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.54 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0590 | 0.81500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.54 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0948 | 0.81500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.54 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0407 | 0.81550 | 0.00100 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.57 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0106 | 0.81900 | 0.02400 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.76 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 2034 | 0.82000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.82 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0650 | 0.82000 | 0.02000 | 0.80538 | 0.01782 | 0.00853 | 41 | 0.82 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0098 | 0.82500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 1.10 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0242 | 0.82500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 1.10 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0278 | 0.82500 | 0.01000 | 0.80538 | 0.01782 | 0.00853 | 41 | 1.10 | 1% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0026 | 0.83000 | 0.00000 | 0.80538 | 0.01782 | 0.00853 | 41 | 1.38 | 2% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0682 | 0.83000 | 0.02000 | 0.80538 | 0.01782 | 0.00853 | 41 | 1.38 | 2% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0683 | 0.85500 | 0.02000 | 0.80538 | 0.01782 | 0.00853 | 41 | 2.78 | 3% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0874 | 0.86015 | 0.00110 | 0.80538 | 0.01782 | 0.00853 | 41 | 3.07 | 3% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0019 | 0.93000 | 0.04000 | 0.80538 | 0.01782 | 0.00853 | 41 | 6.99 | 8% | 0 |
| 033.01 | Salt, Poten Cl (%) | 0199 | 0.87500 | 0.05000 | 0.80538 | 0.01782 | 0.00853 | 41 | 3.91 | 4% | 1 |
| 033.03 | Salt, Quantab (%) | 0848 | 0.47000 | 0.02000 | 0.69793 | 0.06271 | 0.03357 | 7 | -3.63 | 16% | 0 |
| 033.03 | Salt, Quantab (%) | 0505 | 0.66000 | 0.02000 | 0.69793 | 0.06271 | 0.03357 | 7 | -0.60 | 3% | 0 |
| 033.03 | Salt, Quantab (%) | 0265 | 0.68000 | 0.00000 | 0.69793 | 0.06271 | 0.03357 | 7 | -0.29 | 1% | 0 |
| 033.03 | Salt, Quantab (%) | 0014 | 0.69850 | 0.06500 | 0.69793 | 0.06271 | 0.03357 | 7 | 0.01 | 0% | 0 |
| 033.03 | Salt, Quantab (%) | 0190 | 0.71000 | 0.06000 | 0.69793 | 0.06271 | 0.03357 | 7 | 0.19 | 1% | 0 |
| 033.03 | Salt, Quantab (%) | 0726 | 0.74000 | 0.00000 | 0.69793 | 0.06271 | 0.03357 | 7 | 0.67 | 3% | 0 |
| 033.03 | Salt, Quantab (%) | 0144 | 0.81500 | 0.07000 | 0.69793 | 0.06271 | 0.03357 | 7 | 1.87 | 8% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 0670 | 0.75700 | 0.00200 | 0.82527 | 0.02299 | 0.01200 | 6 | -2.97 | 4% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 0689 | 0.80500 | 0.03000 | 0.82527 | 0.02299 | 0.01200 | 6 | -0.88 | 1% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 0004 | 0.83000 | 0.00000 | 0.82527 | 0.02299 | 0.01200 | 6 | 0.21 | 0% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 2043 | 0.83000 | 0.00000 | 0.82527 | 0.02299 | 0.01200 | 6 | 0.21 | 0% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 0171 | 0.84500 | 0.03000 | 0.82527 | 0.02299 | 0.01200 | 6 | 0.86 | 1% | 0 |
| 033.05 | Salt, Ion Sel Electrode (%) | 0868 | 0.84500 | 0.01000 | 0.82527 | 0.02299 | 0.01200 | 6 | 0.86 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0728 | 0.46000 | 0.04000 | 0.80059 | 0.14760 | 0.01471 | 10 | -2.31 | 21% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0552 | 0.64500 | 0.01000 | 0.80059 | 0.14760 | 0.01471 | 10 | -1.05 | 10% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0716 | 0.69500 | 0.01000 | 0.80059 | 0.14760 | 0.01471 | 10 | -0.72 | 7% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0619 | 0.78000 | 0.00600 | 0.80059 | 0.14760 | 0.01471 | 10 | -0.14 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0673 | 0.79500 | 0.03000 | 0.80059 | 0.14760 | 0.01471 | 10 | -0.04 | 0% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0647 | 0.79980 | 0.00660 | 0.80059 | 0.14760 | 0.01471 | 10 | -0.01 | 0% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0964 | 0.86445 | 0.01250 | 0.80059 | 0.14760 | 0.01471 | 10 | 0.43 | 4% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0358 | 0.88000 | 0.02000 | 0.80059 | 0.14760 | 0.01471 | 10 | 0.54 | 5% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0681 | 0.97500 | 0.01000 | 0.80059 | 0.14760 | 0.01471 | 10 | 1.18 | 11% | 0 |
| 033.99 | Salt, Miscellaneous (%) | 0027 | 0.98000 | 0.00200 | 0.80059 | 0.14760 | 0.01471 | 10 | 1.22 | 11% | 0 |
| 034.01 | Selenium, Fluor (ppm) | 0098 | 0.72850 | 0.01700 | 0.76853 | 0.05660 | 0.02115 | 2 | -0.71 | 3% | 0 |
| 034.01 | Selenium, Fluor (ppm) | 0038 | 0.80855 | 0.02530 | 0.76853 | 0.05660 | 0.02115 | 2 | 0.71 | 3% | 0 |
| 034.04 | Selenium, AA, Hydride (ppm) | 0563 | 0.62500 | 0.01000 | 0.75300 | 0.11239 | 0.03000 | 5 | -1.14 | 8% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 034.04 | Selenium, AA, Hydride (ppm) | 0026 | 0.64000 | 0.06000 | 0.75300 | 0.11239 | 0.03000 | 5 | -1.01 | 8% | 0 |
| 034.04 | Selenium, AA, Hydride (ppm) | 0164 | 0.81500 | 0.03000 | 0.75300 | 0.11239 | 0.03000 | 5 | 0.55 | 4% | 0 |
| 034.04 | Selenium, AA, Hydride (ppm) | 0169 | 0.81500 | 0.03000 | 0.75300 | 0.11239 | 0.03000 | 5 | 0.55 | 4% | 0 |
| 034.04 | Selenium, AA, Hydride (ppm) | 0610 | 0.87000 | 0.02000 | 0.75300 | 0.11239 | 0.03000 | 5 | 1.04 | 8% | 0 |
| 034.04 | Selenium, AA, Hydride (ppm) | 0171 | 0.44200 | 0.31600 | 0.75300 | 0.11239 | 0.03000 | 5 | -2.77 | 21% | 1 |
| 034.31 | Selenium, AAS, Dry ash (ppm) | 2022 | 5.1000 | 1.0000 | | | 1.0000 | 1 | | | |
| 034.34 | Selenium, AAS, Graphite furnace (ppm) | 0939 | 0.76000 | 0.04000 | | | 0.04000 | 1 | | | |
| 034.41 | Selenium, ICP, Dry ash (ppm) | 0619 | 0.72700 | 0.00200 | | | 0.00200 | 1 | | | |
| 034.42 | Selenium, ICP, Open vessel (ppm) | 0693 | 1.2100 | 0.32000 | | | 0.32000 | 1 | | | |
| 034.43 | Selenium, ICP, Microwave (ppm) | 0003 | 0.40000 | 0.24000 | 0.72750 | 0.46315 | 0.12500 | 2 | -0.71 | 23% | 0 |
| 034.43 | Selenium, ICP, Microwave (ppm) | 0629 | 1.0550 | 0.01000 | 0.72750 | 0.46315 | 0.12500 | 2 | 0.71 | 23% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (ppm) | 0154 | 0.84350 | 0.08500 | 0.88250 | 0.05515 | 0.08300 | 2 | -0.71 | 2% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (ppm) | 0098 | 0.92150 | 0.08100 | 0.88250 | 0.05515 | 0.08300 | 2 | 0.71 | 2% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 0199 | 0.65000 | 0.10000 | 0.84243 | 0.18117 | 0.07583 | 6 | -1.06 | 11% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 2055 | 0.72500 | 0.03000 | 0.84243 | 0.18117 | 0.07583 | 6 | -0.65 | 7% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 0912 | 0.75500 | 0.05000 | 0.84243 | 0.18117 | 0.07583 | 6 | -0.48 | 5% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 2023 | 0.90000 | 0.00000 | 0.84243 | 0.18117 | 0.07583 | 6 | 0.32 | 3% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 0553 | 0.94850 | 0.14300 | 0.84243 | 0.18117 | 0.07583 | 6 | 0.59 | 6% | 0 |
| 034.53 | Selenium, ICP-MS, Microwave (ppm) | 2034 | 1.1110 | 0.13200 | 0.84243 | 0.18117 | 0.07583 | 6 | 1.48 | 16% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (%) | 2006 | 0.33700 | 0.00000 | 0.35450 | 0.01802 | 0.00233 | 3 | -0.97 | 2% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (%) | 0138 | 0.35350 | 0.00500 | 0.35450 | 0.01802 | 0.00233 | 3 | -0.06 | 0% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (%) | 0868 | 0.37300 | 0.00200 | 0.35450 | 0.01802 | 0.00233 | 3 | 1.03 | 3% | 0 |
| 035.02 | Sodium, Em Spect (%) | 0884 | 0.37500 | 0.01000 | | | 0.01000 | 1 | | | |
| 035.05 | Sodium, Flame Emission (%) | 0139 | 0.31700 | 0.00200 | 0.34892 | 0.02922 | 0.00492 | 6 | -1.09 | 5% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0951 | 0.33200 | 0.00400 | 0.34892 | 0.02922 | 0.00492 | 6 | -0.58 | 2% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0152 | 0.34000 | 0.00000 | 0.34892 | 0.02922 | 0.00492 | 6 | -0.31 | 1% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0590 | 0.34500 | 0.01000 | 0.34892 | 0.02922 | 0.00492 | 6 | -0.13 | 1% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0066 | 0.37700 | 0.00400 | 0.34892 | 0.02922 | 0.00492 | 6 | 0.96 | 4% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0337 | 0.39035 | 0.00950 | 0.34892 | 0.02922 | 0.00492 | 6 | 1.42 | 6% | 0 |
| 035.05 | Sodium, Flame Emission (%) | 0108 | 0.22000 | 0.06000 | 0.34892 | 0.02922 | 0.00492 | 6 | -4.41 | 18% | 1 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0505 | 0.32925 | 0.00850 | 0.35223 | 0.01970 | 0.00921 | 20 | -1.17 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0683 | 0.33000 | 0.00000 | 0.35223 | 0.01970 | 0.00921 | 20 | -1.13 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0946 | 0.33160 | 0.01180 | 0.35223 | 0.01970 | 0.00921 | 20 | -1.05 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0670 | 0.33250 | 0.00500 | 0.35223 | 0.01970 | 0.00921 | 20 | -1.00 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0065 | 0.33270 | 0.00140 | 0.35223 | 0.01970 | 0.00921 | 20 | -0.99 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0939 | 0.33500 | 0.01000 | 0.35223 | 0.01970 | 0.00921 | 20 | -0.87 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0921 | 0.33850 | 0.01900 | 0.35223 | 0.01970 | 0.00921 | 20 | -0.70 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0563 | 0.34705 | 0.00110 | 0.35223 | 0.01970 | 0.00921 | 20 | -0.26 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0948 | 0.35000 | 0.00000 | 0.35223 | 0.01970 | 0.00921 | 20 | -0.11 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0874 | 0.35345 | 0.04730 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.06 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0868 | 0.35350 | 0.00700 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.06 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0629 | 0.35500 | 0.00000 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.14 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 035.31 | Sodium, AAS, Dry ash (%) | 0038 | 0.35600 | 0.00200 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.19 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0673 | 0.36000 | 0.00000 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.39 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0354 | 0.36500 | 0.01000 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.65 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0175 | 0.37000 | 0.02000 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.90 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0596 | 0.37000 | 0.02000 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.90 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0178 | 0.37150 | 0.00100 | 0.35223 | 0.01970 | 0.00921 | 20 | 0.98 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0650 | 0.39000 | 0.00000 | 0.35223 | 0.01970 | 0.00921 | 20 | 1.92 | 5% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0142 | 0.51000 | 0.02000 | 0.35223 | 0.01970 | 0.00921 | 20 | 8.01 | 22% | 0 |
| 035.31 | Sodium, AAS, Dry ash (%) | 0689 | 0.33000 | 0.06000 | 0.35223 | 0.01970 | 0.00921 | 20 | -1.13 | 3% | 1 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0609 | 0.30000 | 0.02000 | 0.36151 | 0.04787 | 0.01488 | 4 | -1.28 | 9% | 0 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0035 | 0.34775 | 0.02750 | 0.36151 | 0.04787 | 0.01488 | 4 | -0.29 | 2% | 0 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0263 | 0.39330 | 0.00200 | 0.36151 | 0.04787 | 0.01488 | 4 | 0.66 | 4% | 0 |
| 035.32 | Sodium, AAS, Open vessel (%) | 0169 | 0.40500 | 0.01000 | 0.36151 | 0.04787 | 0.01488 | 4 | 0.91 | 6% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0242 | 0.30500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | -2.33 | 7% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0011 | 0.32105 | 0.00190 | 0.35392 | 0.02101 | 0.01038 | 35 | -1.56 | 5% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0553 | 0.32650 | 0.00900 | 0.35392 | 0.02101 | 0.01038 | 35 | -1.30 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0144 | 0.33000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | -1.14 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0298 | 0.33000 | 0.02000 | 0.35392 | 0.02101 | 0.01038 | 35 | -1.14 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0598 | 0.33370 | 0.01700 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.96 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0610 | 0.33500 | 0.03000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.90 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0171 | 0.34000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.66 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0405 | 0.34000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.66 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0964 | 0.34005 | 0.00490 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.66 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0148 | 0.34450 | 0.00300 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.45 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0647 | 0.34470 | 0.01420 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.44 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0358 | 0.34500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.42 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0661 | 0.34500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.42 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 2023 | 0.34850 | 0.00300 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.26 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0004 | 0.35000 | 0.02000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.19 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0089 | 0.35000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | -0.19 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0164 | 0.35500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.05 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0878 | 0.35500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.05 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 2004 | 0.35750 | 0.01300 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.17 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0100 | 0.36000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.29 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0910 | 0.36000 | 0.00000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.29 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0051 | 0.36070 | 0.00540 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.32 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0955 | 0.36100 | 0.00800 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.34 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0407 | 0.36250 | 0.01900 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.41 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0098 | 0.36500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.53 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0229 | 0.36500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.53 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0049 | 0.37000 | 0.02000 | 0.35392 | 0.02101 | 0.01038 | 35 | 0.77 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0083 | 0.37500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.00 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 035.41 | Sodium, ICP, Dry ash (%) | 0226 | 0.37800 | 0.01600 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.15 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0619 | 0.37850 | 0.01100 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.17 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0413 | 0.38000 | 0.02000 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.24 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0300 | 0.39200 | 0.02800 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.81 | 5% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0682 | 0.39500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.95 | 6% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0720 | 0.39500 | 0.01000 | 0.35392 | 0.02101 | 0.01038 | 35 | 1.95 | 6% | 0 |
| 035.41 | Sodium, ICP, Dry ash (%) | 0511 | 0.51500 | 0.09000 | 0.35392 | 0.02101 | 0.01038 | 35 | 7.67 | 23% | 1 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0693 | 0.33200 | 0.01000 | 0.36575 | 0.02725 | 0.01023 | 17 | -1.24 | 5% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0613 | 0.33500 | 0.01000 | 0.36575 | 0.02725 | 0.01023 | 17 | -1.13 | 4% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0692 | 0.34050 | 0.00500 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.93 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0045 | 0.34700 | 0.02400 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.69 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0560 | 0.34910 | 0.02220 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.61 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0035 | 0.34985 | 0.02690 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.58 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0205 | 0.35500 | 0.01000 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.39 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0265 | 0.35500 | 0.01000 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.39 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0190 | 0.36000 | 0.02000 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.21 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0504 | 0.36000 | 0.00400 | 0.36575 | 0.02725 | 0.01023 | 17 | -0.21 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0726 | 0.37350 | 0.00100 | 0.36575 | 0.02725 | 0.01023 | 17 | 0.28 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0202 | 0.38000 | 0.00000 | 0.36575 | 0.02725 | 0.01023 | 17 | 0.52 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0278 | 0.38000 | 0.00000 | 0.36575 | 0.02725 | 0.01023 | 17 | 0.52 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0187 | 0.39070 | 0.00280 | 0.36575 | 0.02725 | 0.01023 | 17 | 0.92 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0186 | 0.40400 | 0.00600 | 0.36575 | 0.02725 | 0.01023 | 17 | 1.40 | 5% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0106 | 0.41500 | 0.00200 | 0.36575 | 0.02725 | 0.01023 | 17 | 1.81 | 7% | 0 |
| 035.42 | Sodium, ICP, Open vessel (%) | 0366 | 0.42000 | 0.02000 | 0.36575 | 0.02725 | 0.01023 | 17 | 1.99 | 7% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0510 | 0.32900 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | -2.99 | 5% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0629 | 0.35050 | 0.00100 | 0.36193 | 0.01102 | 0.01008 | 13 | -1.04 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0294 | 0.35500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | -0.63 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0297 | 0.35500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | -0.63 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0668 | 0.35550 | 0.01700 | 0.36193 | 0.01102 | 0.01008 | 13 | -0.58 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0038 | 0.35600 | 0.01800 | 0.36193 | 0.01102 | 0.01008 | 13 | -0.54 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0008 | 0.36100 | 0.00600 | 0.36193 | 0.01102 | 0.01008 | 13 | -0.08 | 0% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0033 | 0.36200 | 0.01600 | 0.36193 | 0.01102 | 0.01008 | 13 | 0.01 | 0% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0425 | 0.36500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | 0.28 | 0% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0353 | 0.37500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | 1.19 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0675 | 0.37500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | 1.19 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0098 | 0.38500 | 0.01000 | 0.36193 | 0.01102 | 0.01008 | 13 | 2.09 | 3% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0042 | 0.40450 | 0.00300 | 0.36193 | 0.01102 | 0.01008 | 13 | 3.86 | 6% | 0 |
| 035.43 | Sodium, ICP, Microwave (%) | 0918 | 0.34000 | 0.08000 | 0.36193 | 0.01102 | 0.01008 | 13 | -1.99 | 3% | 1 |
| 035.52 | Sodium, ICP-MS, Open vessel (%) | 0154 | 0.34225 | 0.02930 | | | 0.02930 | 1 | | | |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0199 | 0.35500 | 0.01000 | 0.36120 | 0.00458 | 0.01200 | 5 | -1.35 | 1% | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0912 | 0.36000 | 0.02000 | 0.36120 | 0.00458 | 0.01200 | 5 | -0.26 | 0% | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 0572 | 0.36080 | 0.01480 | 0.36120 | 0.00458 | 0.01200 | 5 | -0.09 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 2034 | 0.36250 | 0.00300 | 0.36120 | 0.00458 | 0.01200 | 5 | 0.28 | 0% | 0 |
| 035.53 | Sodium, ICP-MS, Microwave (%) | 2055 | 0.36770 | 0.01220 | 0.36120 | 0.00458 | 0.01200 | 5 | 1.42 | 1% | 0 |
| 036.04 | Sulfur, LECO (%) | 0226 | 0.30000 | 0.00000 | 0.30667 | 0.01155 | 0.00000 | 3 | -0.58 | 1% | 0 |
| 036.04 | Sulfur, LECO (%) | 0229 | 0.30000 | 0.00000 | 0.30667 | 0.01155 | 0.00000 | 3 | -0.58 | 1% | 0 |
| 036.04 | Sulfur, LECO (%) | 0098 | 0.32000 | 0.00000 | 0.30667 | 0.01155 | 0.00000 | 3 | 1.15 | 2% | 0 |
| 036.41 | | 0171 | 0.32500 | 0.01000 | | | 0.01000 | 1 | | | |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0045 | 0.28400 | 0.02000 | 0.30868 | 0.01954 | 0.00773 | 16 | -1.26 | 4% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0106 | 0.28450 | 0.00700 | 0.30868 | 0.01954 | 0.00773 | 16 | -1.24 | 4% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0693 | 0.29000 | 0.00000 | 0.30868 | 0.01954 | 0.00773 | 16 | -0.96 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0186 | 0.29450 | 0.00900 | 0.30868 | 0.01954 | 0.00773 | 16 | -0.73 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0242 | 0.29500 | 0.01000 | 0.30868 | 0.01954 | 0.00773 | 16 | -0.70 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0357 | 0.29500 | 0.01000 | 0.30868 | 0.01954 | 0.00773 | 16 | -0.70 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0366 | 0.29500 | 0.03000 | 0.30868 | 0.01954 | 0.00773 | 16 | -0.70 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0560 | 0.31210 | 0.00960 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.17 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0407 | 0.31550 | 0.00300 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.35 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0164 | 0.32000 | 0.00000 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.58 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0202 | 0.32000 | 0.00000 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.58 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0278 | 0.32000 | 0.00000 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.58 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0187 | 0.32185 | 0.00010 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.67 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0708 | 0.32350 | 0.00500 | 0.30868 | 0.01954 | 0.00773 | 16 | 0.76 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0265 | 0.33000 | 0.02000 | 0.30868 | 0.01954 | 0.00773 | 16 | 1.09 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (%) | 0613 | 0.34000 | 0.00000 | 0.30868 | 0.01954 | 0.00773 | 16 | 1.60 | 5% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0629 | 0.30050 | 0.00300 | 0.31981 | 0.01777 | 0.00606 | 9 | -1.09 | 3% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0038 | 0.30350 | 0.00100 | 0.31981 | 0.01777 | 0.00606 | 9 | -0.92 | 3% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0297 | 0.30500 | 0.01000 | 0.31981 | 0.01777 | 0.00606 | 9 | -0.83 | 2% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0510 | 0.31000 | 0.00000 | 0.31981 | 0.01777 | 0.00606 | 9 | -0.55 | 2% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0294 | 0.32500 | 0.01000 | 0.31981 | 0.01777 | 0.00606 | 9 | 0.29 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0098 | 0.32785 | 0.00250 | 0.31981 | 0.01777 | 0.00606 | 9 | 0.45 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0169 | 0.33000 | 0.00000 | 0.31981 | 0.01777 | 0.00606 | 9 | 0.57 | 2% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0353 | 0.33000 | 0.02000 | 0.31981 | 0.01777 | 0.00606 | 9 | 0.57 | 2% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0042 | 0.38000 | 0.00800 | 0.31981 | 0.01777 | 0.00606 | 9 | 3.39 | 9% | 0 |
| 036.43 | Sulfur, ICP, Microwave (%) | 0918 | 0.29500 | 0.05000 | 0.31981 | 0.01777 | 0.00606 | 9 | -1.40 | 4% | 1 |
| 036.53 | Sulfur, ICP-MS, Microwave (%) | 0912 | 0.30000 | 0.00000 | | | 0.00000 | 1 | | | |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0874 | 92.050 | 1.9000 | 113.24 | 7.9748 | 2.8933 | 21 | -2.66 | 9% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0921 | 99.900 | 0.00000 | 113.24 | 7.9748 | 2.8933 | 21 | -1.67 | 6% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0723 | 103.11 | 0.02000 | 113.24 | 7.9748 | 2.8933 | 21 | -1.27 | 4% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0596 | 104.45 | 4.1400 | 113.24 | 7.9748 | 2.8933 | 21 | -1.10 | 4% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0689 | 107.85 | 8.1000 | 113.24 | 7.9748 | 2.8933 | 21 | -0.68 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0653 | 108.75 | 0.70000 | 113.24 | 7.9748 | 2.8933 | 21 | -0.56 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 2022 | 109.45 | 2.7000 | 113.24 | 7.9748 | 2.8933 | 21 | -0.47 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0175 | 111.00 | 6.0000 | 113.24 | 7.9748 | 2.8933 | 21 | -0.28 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0868 | 111.00 | 2.0000 | 113.24 | 7.9748 | 2.8933 | 21 | -0.28 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|--------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0178 | 112.87 | 5.4600 | 113.24 | 7.9748 | 2.8933 | 21 | -0.05 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0629 | 113.50 | 1.0000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.03 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0354 | 114.47 | 0.04000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.15 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0884 | 116.80 | 9.0000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.45 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0590 | 117.50 | 5.0000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.53 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0673 | 118.00 | 0.00000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.60 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0674 | 119.40 | 6.3900 | 113.24 | 7.9748 | 2.8933 | 21 | 0.77 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0607 | 119.76 | 2.3997 | 113.24 | 7.9748 | 2.8933 | 21 | 0.82 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0563 | 120.50 | 1.0000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.91 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0939 | 120.85 | 1.3300 | 113.24 | 7.9748 | 2.8933 | 21 | 0.95 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0505 | 121.00 | 2.0000 | 113.24 | 7.9748 | 2.8933 | 21 | 0.97 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (ppm) | 0866 | 131.55 | 1.5800 | 113.24 | 7.9748 | 2.8933 | 21 | 2.30 | 8% | 0 |
| 037.32 | Zinc, AAS, Open vessel (ppm) | 0035 | 117.85 | 4.9000 | 142.29 | 29.943 | 2.2250 | 4 | -0.82 | 9% | 0 |
| 037.32 | Zinc, AAS, Open vessel (ppm) | 0504 | 131.85 | 0.70000 | 142.29 | 29.943 | 2.2250 | 4 | -0.35 | 4% | 0 |
| 037.32 | Zinc, AAS, Open vessel (ppm) | 0038 | 133.50 | 1.0000 | 142.29 | 29.943 | 2.2250 | 4 | -0.29 | 3% | 0 |
| 037.32 | Zinc, AAS, Open vessel (ppm) | 0609 | 185.95 | 2.3000 | 142.29 | 29.943 | 2.2250 | 4 | 1.46 | 15% | 0 |
| 037.33 | Zinc, AAS, Microwave (ppm) | 0948 | 115.69 | 5.0100 | 121.49 | 8.2130 | 7.1050 | 2 | -0.71 | 2% | 0 |
| 037.33 | Zinc, AAS, Microwave (ppm) | 0504 | 127.30 | 9.2000 | 121.49 | 8.2130 | 7.1050 | 2 | 0.71 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0051 | 98.335 | 5.8500 | 116.93 | 11.747 | 4.2935 | 28 | -1.58 | 8% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0164 | 99.500 | 5.0000 | 116.93 | 11.747 | 4.2935 | 28 | -1.48 | 7% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0619 | 103.25 | 7.5000 | 116.93 | 11.747 | 4.2935 | 28 | -1.16 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0049 | 103.46 | 3.3300 | 116.93 | 11.747 | 4.2935 | 28 | -1.15 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0004 | 105.50 | 7.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.97 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0598 | 106.25 | 0.90000 | 116.93 | 11.747 | 4.2935 | 28 | -0.91 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0610 | 108.50 | 1.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.72 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0720 | 108.84 | 1.3950 | 116.93 | 11.747 | 4.2935 | 28 | -0.69 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0405 | 111.00 | 2.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.50 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0553 | 111.00 | 8.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.50 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0511 | 113.50 | 7.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.29 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0300 | 115.09 | 3.5290 | 116.93 | 11.747 | 4.2935 | 28 | -0.16 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0100 | 116.00 | 8.0000 | 116.93 | 11.747 | 4.2935 | 28 | -0.08 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0964 | 116.94 | 6.6800 | 116.93 | 11.747 | 4.2935 | 28 | 0.00 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0682 | 117.39 | 4.7700 | 116.93 | 11.747 | 4.2935 | 28 | 0.04 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0171 | 117.50 | 5.0000 | 116.93 | 11.747 | 4.2935 | 28 | 0.05 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0074 | 118.50 | 5.0000 | 116.93 | 11.747 | 4.2935 | 28 | 0.13 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0098 | 119.95 | 0.90000 | 116.93 | 11.747 | 4.2935 | 28 | 0.26 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0358 | 120.74 | 4.3100 | 116.93 | 11.747 | 4.2935 | 28 | 0.32 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0148 | 123.90 | 0.60000 | 116.93 | 11.747 | 4.2935 | 28 | 0.59 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0242 | 126.00 | 2.0000 | 116.93 | 11.747 | 4.2935 | 28 | 0.77 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0229 | 126.50 | 3.0000 | 116.93 | 11.747 | 4.2935 | 28 | 0.81 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0910 | 128.00 | 8.0000 | 116.93 | 11.747 | 4.2935 | 28 | 0.94 | 5% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0407 | 130.00 | 2.0000 | 116.93 | 11.747 | 4.2935 | 28 | 1.11 | 6% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS | Threshold | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|--------|--------|--------|----------|-----------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | Z Score | %RSD | |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0878 | 130.00 | 0.00000 | 116.93 | 11.747 | 4.2935 | 28 | 1.11 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0011 | 130.37 | 0.45500 | 116.93 | 11.747 | 4.2935 | 28 | 1.14 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0226 | 132.50 | 13.000 | 116.93 | 11.747 | 4.2935 | 28 | 1.33 | 7% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0083 | 135.00 | 4.0000 | 116.93 | 11.747 | 4.2935 | 28 | 1.54 | 8% | 0 |
| 037.41 | Zinc, ICP, Dry ash (ppm) | 0003 | 181.00 | 34.000 | 116.93 | 11.747 | 4.2935 | 28 | 5.45 | 27% | 1 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0026 | 0.91500 | 0.20200 | 131.96 | 8.0816 | 5.3995 | 17 | -16.22 | 50% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0692 | 119.50 | 15.000 | 131.96 | 8.0816 | 5.3995 | 17 | -1.54 | 5% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0560 | 123.50 | 5.0000 | 131.96 | 8.0816 | 5.3995 | 17 | -1.05 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0693 | 123.50 | 1.0000 | 131.96 | 8.0816 | 5.3995 | 17 | -1.05 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0045 | 127.00 | 6.0000 | 131.96 | 8.0816 | 5.3995 | 17 | -0.61 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0357 | 128.00 | 6.0000 | 131.96 | 8.0816 | 5.3995 | 17 | -0.49 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0187 | 128.80 | 1.5100 | 131.96 | 8.0816 | 5.3995 | 17 | -0.39 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0265 | 132.50 | 9.0000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.07 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0366 | 132.50 | 9.0000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.07 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0190 | 133.99 | 0.97000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.25 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0613 | 135.50 | 17.000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.44 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0106 | 136.00 | 2.0000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.50 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0202 | 136.01 | 0.01000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.50 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0186 | 137.50 | 5.0000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.69 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0726 | 138.70 | 0.40000 | 131.96 | 8.0816 | 5.3995 | 17 | 0.83 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0413 | 143.50 | 9.0000 | 131.96 | 8.0816 | 5.3995 | 17 | 1.43 | 4% | 0 |
| 037.42 | Zinc, ICP, Open vessel (ppm) | 0035 | 153.25 | 4.7000 | 131.96 | 8.0816 | 5.3995 | 17 | 2.63 | 8% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0037 | 102.50 | 3.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -3.51 | 10% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0629 | 110.00 | 2.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -2.48 | 7% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0668 | 119.00 | 2.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -1.23 | 3% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0168 | 120.00 | 0.00000 | 127.91 | 7.2371 | 2.5905 | 20 | -1.09 | 3% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0294 | 122.95 | 0.70000 | 127.91 | 7.2371 | 2.5905 | 20 | -0.69 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0033 | 124.00 | 6.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -0.54 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0968 | 126.00 | 2.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -0.26 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0003 | 126.50 | 7.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -0.20 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0297 | 126.50 | 1.0000 | 127.91 | 7.2371 | 2.5905 | 20 | -0.20 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0918 | 126.68 | 1.0200 | 127.91 | 7.2371 | 2.5905 | 20 | -0.17 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0038 | 128.50 | 3.0000 | 127.91 | 7.2371 | 2.5905 | 20 | 0.08 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0169 | 128.50 | 1.0000 | 127.91 | 7.2371 | 2.5905 | 20 | 0.08 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0353 | 128.55 | 2.3000 | 127.91 | 7.2371 | 2.5905 | 20 | 0.09 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0510 | 129.50 | 1.0000 | 127.91 | 7.2371 | 2.5905 | 20 | 0.22 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0008 | 131.00 | 6.0000 | 127.91 | 7.2371 | 2.5905 | 20 | 0.43 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0675 | 137.82 | 0.93000 | 127.91 | 7.2371 | 2.5905 | 20 | 1.37 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0098 | 138.75 | 1.7000 | 127.91 | 7.2371 | 2.5905 | 20 | 1.50 | 4% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0027 | 140.65 | 2.6600 | 127.91 | 7.2371 | 2.5905 | 20 | 1.76 | 5% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0425 | 141.95 | 0.50000 | 127.91 | 7.2371 | 2.5905 | 20 | 1.94 | 5% | 0 |
| 037.43 | Zinc, ICP, Microwave (ppm) | 0042 | 158.00 | 8.0000 | 127.91 | 7.2371 | 2.5905 | 20 | 4.16 | 12% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 037.43 | Zinc, ICP, Microwave (ppm) | 2023 | 162.50 | 15.000 | 127.91 | 7.2371 | 2.5905 | 20 | 4.78 | 14% | 1 |
| 037.44 | Zinc, ICP, Dry ash (ppm) | 0955 | 117.00 | 2.0000 | 125.20 | 12.511 | 1.8667 | 3 | -0.66 | 3% | 0 |
| 037.44 | Zinc, ICP, Dry ash (ppm) | 2004 | 119.00 | 2.0000 | 125.20 | 12.511 | 1.8667 | 3 | -0.50 | 2% | 0 |
| 037.44 | Zinc, ICP, Dry ash (ppm) | 0647 | 139.60 | 1.6000 | 125.20 | 12.511 | 1.8667 | 3 | 1.15 | 6% | 0 |
| 037.52 | Zinc, ICP-MS, Open vessel (ppm) | 0154 | 138.84 | 11.840 | | | 11.840 | 1 | | | |
| 037.53 | Zinc, ICP-MS, Microwave (ppm) | 0199 | 98.500 | 3.0000 | 127.60 | 26.157 | 3.2000 | 5 | -1.11 | 11% | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (ppm) | 2055 | 114.50 | 13.000 | 127.60 | 26.157 | 3.2000 | 5 | -0.50 | 5% | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (ppm) | 0912 | 120.00 | 0.00000 | 127.60 | 26.157 | 3.2000 | 5 | -0.29 | 3% | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (ppm) | 0572 | 138.00 | 0.00000 | 127.60 | 26.157 | 3.2000 | 5 | 0.40 | 4% | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (ppm) | 2034 | 167.00 | 0.00000 | 127.60 | 26.157 | 3.2000 | 5 | 1.51 | 15% | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (ppm) | 0171 | 2.0440 | 0.03000 | 2.1128 | 0.06071 | 0.10217 | 3 | -1.13 | 2% | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (ppm) | 0011 | 2.1353 | 0.13850 | 2.1128 | 0.06071 | 0.10217 | 3 | 0.37 | 1% | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (ppm) | 0964 | 2.1590 | 0.13800 | 2.1128 | 0.06071 | 0.10217 | 3 | 0.76 | 1% | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (ppm) | 0693 | 0.50000 | 0.60000 | 1.3683 | 0.93910 | 0.29000 | 3 | -0.92 | 32% | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (ppm) | 0560 | 1.2400 | 0.26000 | 1.3683 | 0.93910 | 0.29000 | 3 | -0.14 | 5% | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (ppm) | 0278 | 2.3650 | 0.01000 | 1.3683 | 0.93910 | 0.29000 | 3 | 1.06 | 36% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 2023 | 0.00000 | 0.00000 | 1.7438 | 0.71138 | 0.06500 | 6 | -2.45 | 50% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0353 | 1.2600 | 0.06000 | 1.7438 | 0.71138 | 0.06500 | 6 | -0.68 | 14% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0297 | 1.7250 | 0.11000 | 1.7438 | 0.71138 | 0.06500 | 6 | -0.03 | 1% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0169 | 2.0000 | 0.02000 | 1.7438 | 0.71138 | 0.06500 | 6 | 0.36 | 7% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0038 | 2.3500 | 0.10000 | 1.7438 | 0.71138 | 0.06500 | 6 | 0.85 | 17% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0510 | 2.3500 | 0.10000 | 1.7438 | 0.71138 | 0.06500 | 6 | 0.85 | 17% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (ppm) | 0003 | 2.6000 | 0.40000 | 1.7438 | 0.71138 | 0.06500 | 6 | 1.20 | 25% | 1 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (ppm) | 0098 | 1.0735 | 0.00700 | 1.3593 | 0.40411 | 0.28850 | 2 | -0.71 | 11% | 0 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (ppm) | 0154 | 1.6450 | 0.57000 | 1.3593 | 0.40411 | 0.28850 | 2 | 0.71 | 11% | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (ppm) | 2055 | 1.9250 | 0.91000 | 2.0550 | 0.22085 | 0.57667 | 3 | -0.59 | 3% | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (ppm) | 0912 | 1.9300 | 0.82000 | 2.0550 | 0.22085 | 0.57667 | 3 | -0.57 | 3% | 0 |
| 038.53 | Molybdenum, ICP-MS, Microwave (ppm) | 0553 | 2.3100 | 0.00000 | 2.0550 | 0.22085 | 0.57667 | 3 | 1.15 | 6% | 0 |
| 040.42 | Barium, ICP, Open vessel (ppm) | 0560 | 10.850 | 0.10000 | | | 0.10000 | 1 | | | |
| 040.43 | Barium, ICP, Microwave (ppm) | 2055 | 10.100 | 0.40000 | | | 0.40000 | 1 | | | |
| 041.53 | Vanadium, ICP-MS, Microwave (ppm) | 0553 | 0.40950 | 0.12700 | | | 0.12700 | 1 | | | |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0910 | 53.345 | 6.1700 | 58.797 | 3.3248 | 2.5886 | 7 | -1.64 | 5% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0036 | 56.080 | 0.80000 | 58.797 | 3.3248 | 2.5886 | 7 | -0.82 | 2% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0866 | 57.400 | 1.0000 | 58.797 | 3.3248 | 2.5886 | 7 | -0.42 | 1% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0629 | 59.000 | 0.00000 | 58.797 | 3.3248 | 2.5886 | 7 | 0.06 | 0% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0875 | 60.200 | 3.8000 | 58.797 | 3.3248 | 2.5886 | 7 | 0.42 | 1% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0668 | 60.900 | 5.6000 | 58.797 | 3.3248 | 2.5886 | 7 | 0.63 | 2% | 0 |
| 061.02 | Lasalocid Sodium, LC (g / ton) | 0038 | 71.775 | 0.75000 | 58.797 | 3.3248 | 2.5886 | 7 | 3.90 | 11% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0016 | 55.800 | 0.20000 | 57.972 | 1.2930 | 0.89111 | 9 | -1.68 | 2% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0218 | 57.065 | 1.6300 | 57.972 | 1.2930 | 0.89111 | 9 | -0.70 | 1% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0027 | 57.175 | 1.9700 | 57.972 | 1.2930 | 0.89111 | 9 | -0.62 | 1% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0964 | 57.700 | 1.0000 | 57.972 | 1.2930 | 0.89111 | 9 | -0.21 | 0% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0512 | 57.810 | 0.02000 | 57.972 | 1.2930 | 0.89111 | 9 | -0.13 | 0% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0009 | 57.910 | 0.40000 | 57.972 | 1.2930 | 0.89111 | 9 | -0.05 | 0% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0013 | 59.000 | 0.60000 | 57.972 | 1.2930 | 0.89111 | 9 | 0.80 | 1% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0010 | 64.800 | 1.2000 | 57.972 | 1.2930 | 0.89111 | 9 | 5.28 | 6% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0001 | 65.100 | 1.0000 | 57.972 | 1.2930 | 0.89111 | 9 | 5.51 | 6% | 0 |
| 061.03 | Lasalocid Sodium, LC, AOAC (g / ton) | 0003 | 58.850 | 6.5000 | 57.972 | 1.2930 | 0.89111 | 9 | 0.68 | 1% | 1 |
| 061.99 | Lasalocid Sodium, Miscellaneous (g / ton) | 2055 | 23.200 | 24.600 | | | 24.600 | 1 | | | |
| 101.01 | Choline Chloride, Chem (mg / lb) | 2004 | 342.00 | 26.000 | | | 26.000 | 1 | | | |
| 104.00 | Riboflavin, Fluorometer (mg / lb) | 0171 | 1.9750 | 0.05000 | | | 0.05000 | 1 | | | |
| 104.03 | Riboflavin, LC (mg / lb) | 2023 | 1.9200 | 0.08000 | | | 0.08000 | 1 | | | |
| 105.00 | Thiamine, LC (mg / lb) | 2023 | 1.8850 | 0.01000 | | | 0.01000 | 1 | | | |
| 106.00 | Vitamin A, Colorimeter (KU / lb) | 0171 | 9.5000 | 0.40000 | | | 0.40000 | 1 | | | |
| 106.01 | Vitamin A, UV (KU / lb) | 0098 | 9.8200 | 0.32000 | | | 0.32000 | 1 | | | |
| 106.02 | Vitamin A, LC (KU / lb) | 0946 | 5.7685 | 0.66690 | 10.821 | 1.5050 | 0.72963 | 20 | -3.36 | 23% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0675 | 7.3500 | 0.10000 | 10.821 | 1.5050 | 0.72963 | 20 | -2.31 | 16% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0004 | 8.9600 | 0.88000 | 10.821 | 1.5050 | 0.72963 | 20 | -1.24 | 9% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0610 | 9.2500 | 0.10000 | 10.821 | 1.5050 | 0.72963 | 20 | -1.04 | 7% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0008 | 9.9230 | 0.91800 | 10.821 | 1.5050 | 0.72963 | 20 | -0.60 | 4% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0905 | 9.9300 | 0.80000 | 10.821 | 1.5050 | 0.72963 | 20 | -0.59 | 4% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0199 | 10.050 | 0.50000 | 10.821 | 1.5050 | 0.72963 | 20 | -0.51 | 4% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0861 | 10.432 | 1.4090 | 10.821 | 1.5050 | 0.72963 | 20 | -0.26 | 2% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0910 | 10.435 | 0.63000 | 10.821 | 1.5050 | 0.72963 | 20 | -0.26 | 2% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0563 | 10.925 | 0.59700 | 10.821 | 1.5050 | 0.72963 | 20 | 0.07 | 0% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0941 | 10.950 | 2.7800 | 10.821 | 1.5050 | 0.72963 | 20 | 0.09 | 1% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0003 | 11.200 | 0.80000 | 10.821 | 1.5050 | 0.72963 | 20 | 0.25 | 2% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 2054 | 11.254 | 0.16170 | 10.821 | 1.5050 | 0.72963 | 20 | 0.29 | 2% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0227 | 11.550 | 0.70000 | 10.821 | 1.5050 | 0.72963 | 20 | 0.48 | 3% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0169 | 11.600 | 0.20000 | 10.821 | 1.5050 | 0.72963 | 20 | 0.52 | 4% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 2023 | 11.900 | 1.0000 | 10.821 | 1.5050 | 0.72963 | 20 | 0.72 | 5% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0027 | 12.176 | 1.1100 | 10.821 | 1.5050 | 0.72963 | 20 | 0.90 | 6% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0689 | 12.470 | 0.22000 | 10.821 | 1.5050 | 0.72963 | 20 | 1.10 | 8% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0016 | 12.850 | 0.70000 | 10.821 | 1.5050 | 0.72963 | 20 | 1.35 | 9% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 0670 | 15.480 | 0.32000 | 10.821 | 1.5050 | 0.72963 | 20 | 3.10 | 22% | 0 |
| 106.02 | Vitamin A, LC (KU / lb) | 2004 | 9,005.0 | 310.00 | 10.821 | 1.5050 | 0.72963 | 20 | 5976.33 | 41558% | 3 |
| 106.02 | Vitamin A, LC (KU / lb) | 0014 | 9,394.0 | 2,212.0 | 10.821 | 1.5050 | 0.72963 | 20 | 6234.81 | 43355% | 3 |
| 106.02 | Vitamin A, LC (KU / lb) | 0035 | 12,266 | 643.00 | 10.821 | 1.5050 | 0.72963 | 20 | 8142.82 | 56623% | 3 |
| 108.01 | Vitamin D3, LC (KU / lb) | 2023 | 1.9400 | 0.06000 | | | 0.06000 | 1 | | | |
| 108.02 | Vitamin D3, LC (KU / lb) | 0673 | 0.00000 | 0.00000 | 2.0800 | 0.52609 | 0.08500 | 6 | -3.95 | 50% | 0 |
| 108.02 | Vitamin D3, LC (KU / lb) | 0169 | 1.8500 | 0.10000 | 2.0800 | 0.52609 | 0.08500 | 6 | -0.44 | 6% | 0 |
| 108.02 | Vitamin D3, LC (KU / lb) | 0610 | 1.8700 | 0.08000 | 2.0800 | 0.52609 | 0.08500 | 6 | -0.40 | 5% | 0 |
| 108.02 | Vitamin D3, LC (KU / lb) | 0227 | 2.2300 | 0.14000 | 2.0800 | 0.52609 | 0.08500 | 6 | 0.29 | 4% | 0 |
| 108.02 | Vitamin D3, LC (KU / lb) | 0941 | 2.4300 | 0.14000 | 2.0800 | 0.52609 | 0.08500 | 6 | 0.67 | 8% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 108.02 | Vitamin D3, LC (KU / lb) | 0675 | 3.7150 | 0.05000 | 2.0800 | 0.52609 | 0.08500 | 6 | 3.11 | 39% | 0 |
| 108.99 | Vitamin D3, Miscellaneous (KU / lb) | 2004 | 2,270.0 | 60.000 | | | 60.000 | 1 | | | |
| 109.00 | Vitamin E, Colorimeter (mg / kg) | 0169 | 36.450 | 5.5000 | | | 5.5000 | 1 | | | |
| 109.02 | Vitamin E, LC (mg / kg) | 0098 | 0.00000 | 0.00000 | 52.029 | 9.0568 | 2.9981 | 17 | -5.74 | 50% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0027 | 25.848 | 10.416 | 52.029 | 9.0568 | 2.9981 | 17 | -2.89 | 25% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0723 | 34.280 | 0.02000 | 52.029 | 9.0568 | 2.9981 | 17 | -1.96 | 17% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0199 | 40.200 | 2.4000 | 52.029 | 9.0568 | 2.9981 | 17 | -1.31 | 11% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0905 | 47.500 | 1.0000 | 52.029 | 9.0568 | 2.9981 | 17 | -0.50 | 4% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0941 | 49.300 | 2.6000 | 52.029 | 9.0568 | 2.9981 | 17 | -0.30 | 3% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0610 | 49.500 | 1.0000 | 52.029 | 9.0568 | 2.9981 | 17 | -0.28 | 2% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0955 | 51.200 | 4.4000 | 52.029 | 9.0568 | 2.9981 | 17 | -0.09 | 1% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0563 | 52.428 | 2.3464 | 52.029 | 9.0568 | 2.9981 | 17 | 0.04 | 0% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0861 | 53.000 | 2.0000 | 52.029 | 9.0568 | 2.9981 | 17 | 0.11 | 1% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0008 | 53.540 | 10.220 | 52.029 | 9.0568 | 2.9981 | 17 | 0.17 | 1% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 2054 | 55.065 | 1.2961 | 52.029 | 9.0568 | 2.9981 | 17 | 0.34 | 3% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0227 | 57.500 | 0.20000 | 52.029 | 9.0568 | 2.9981 | 17 | 0.60 | 5% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0910 | 59.750 | 1.9000 | 52.029 | 9.0568 | 2.9981 | 17 | 0.85 | 7% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 2023 | 69.350 | 5.3000 | 52.029 | 9.0568 | 2.9981 | 17 | 1.91 | 17% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0675 | 80.515 | 5.8700 | 52.029 | 9.0568 | 2.9981 | 17 | 3.15 | 27% | 0 |
| 109.02 | Vitamin E, LC (mg / kg) | 0673 | 253.00 | 0.00000 | 52.029 | 9.0568 | 2.9981 | 17 | 22.19 | 193% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0968 | 0.90650 | 0.01500 | 0.95111 | 0.01999 | 0.01963 | 16 | -2.23 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0939 | 0.91000 | 0.02000 | 0.95111 | 0.01999 | 0.01963 | 16 | -2.06 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0504 | 0.92500 | 0.01000 | 0.95111 | 0.01999 | 0.01963 | 16 | -1.31 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 2004 | 0.93650 | 0.00100 | 0.95111 | 0.01999 | 0.01963 | 16 | -0.73 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 2022 | 0.94000 | 0.06000 | 0.95111 | 0.01999 | 0.01963 | 16 | -0.56 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0941 | 0.94500 | 0.03000 | 0.95111 | 0.01999 | 0.01963 | 16 | -0.31 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0872 | 0.94600 | 0.00000 | 0.95111 | 0.01999 | 0.01963 | 16 | -0.26 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0652 | 0.95000 | 0.02000 | 0.95111 | 0.01999 | 0.01963 | 16 | -0.06 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0644 | 0.95500 | 0.00800 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.19 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0878 | 0.95900 | 0.00400 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.39 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0910 | 0.96000 | 0.06000 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.44 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0171 | 0.96400 | 0.02800 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.65 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0675 | 0.96500 | 0.01000 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.70 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0227 | 0.97000 | 0.02000 | 0.95111 | 0.01999 | 0.01963 | 16 | 0.95 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0571 | 0.97250 | 0.01100 | 0.95111 | 0.01999 | 0.01963 | 16 | 1.07 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (%) | 0684 | 1.0085 | 0.01700 | 0.95111 | 0.01999 | 0.01963 | 16 | 2.87 | 3% | 0 |
| 120.01 | Alanine, Pre-col OPA Der (%) | 0297 | 0.85650 | 0.00500 | | | 0.00500 | 1 | | | |
| 120.02 | Alanine, Post-col OPA Der (%) | 2023 | 0.91500 | 0.01000 | 0.94933 | 0.04854 | 0.02595 | 2 | -0.71 | 2% | 0 |
| 120.02 | Alanine, Post-col OPA Der (%) | 0098 | 0.98365 | 0.04190 | 0.94933 | 0.04854 | 0.02595 | 2 | 0.71 | 2% | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0008 | 0.86500 | 0.01600 | 0.89917 | 0.04796 | 0.04567 | 3 | -0.71 | 2% | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0626 | 0.87850 | 0.04900 | 0.89917 | 0.04796 | 0.04567 | 3 | -0.43 | 1% | 0 |
| 120.05 | Alanine, Pre-col AQC Der (%) | 0676 | 0.95400 | 0.07200 | 0.89917 | 0.04796 | 0.04567 | 3 | 1.14 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 2022 | 0.75000 | 0.06000 | 0.89691 | 0.02435 | 0.02313 | 16 | -6.03 | 8% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0227 | 0.85000 | 0.04000 | 0.89691 | 0.02435 | 0.02313 | 16 | -1.93 | 3% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 2004 | 0.85600 | 0.04400 | 0.89691 | 0.02435 | 0.02313 | 16 | -1.68 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0504 | 0.87000 | 0.02000 | 0.89691 | 0.02435 | 0.02313 | 16 | -1.11 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0171 | 0.89050 | 0.03300 | 0.89691 | 0.02435 | 0.02313 | 16 | -0.26 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0878 | 0.89100 | 0.01400 | 0.89691 | 0.02435 | 0.02313 | 16 | -0.24 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0652 | 0.89500 | 0.01000 | 0.89691 | 0.02435 | 0.02313 | 16 | -0.08 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0941 | 0.89500 | 0.01000 | 0.89691 | 0.02435 | 0.02313 | 16 | -0.08 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0872 | 0.90000 | 0.00200 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.13 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0571 | 0.90450 | 0.01300 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.31 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0968 | 0.91000 | 0.00200 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.54 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0684 | 0.91050 | 0.01100 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.56 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0644 | 0.91350 | 0.00100 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.68 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0910 | 0.92000 | 0.04000 | 0.89691 | 0.02435 | 0.02313 | 16 | 0.95 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0675 | 0.92500 | 0.01000 | 0.89691 | 0.02435 | 0.02313 | 16 | 1.15 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (%) | 0939 | 0.93000 | 0.06000 | 0.89691 | 0.02435 | 0.02313 | 16 | 1.36 | 2% | 0 |
| 121.01 | Arginine, Pre-col OPA Der (%) | 0297 | 0.91600 | 0.00200 | | | 0.00200 | 1 | | | |
| 121.02 | Arginine, Post-col OPA Der (%) | 0098 | 0.86190 | 0.02040 | 0.87845 | 0.02341 | 0.02520 | 2 | -0.71 | 1% | 0 |
| 121.02 | Arginine, Post-col OPA Der (%) | 2023 | 0.89500 | 0.03000 | 0.87845 | 0.02341 | 0.02520 | 2 | 0.71 | 1% | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0008 | 0.75450 | 0.00700 | 0.82267 | 0.08652 | 0.02467 | 3 | -0.79 | 4% | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0626 | 0.79350 | 0.02700 | 0.82267 | 0.08652 | 0.02467 | 3 | -0.34 | 2% | 0 |
| 121.05 | Arginine, Pre-col AQC Der (%) | 0676 | 0.92000 | 0.04000 | 0.82267 | 0.08652 | 0.02467 | 3 | 1.12 | 6% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0504 | 1.1000 | 0.02000 | 1.1485 | 0.03734 | 0.01693 | 15 | -1.30 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0872 | 1.1005 | 0.01700 | 1.1485 | 0.03734 | 0.01693 | 15 | -1.28 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0939 | 1.1050 | 0.03000 | 1.1485 | 0.03734 | 0.01693 | 15 | -1.16 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0968 | 1.1280 | 0.00800 | 1.1485 | 0.03734 | 0.01693 | 15 | -0.55 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0941 | 1.1300 | 0.00000 | 1.1485 | 0.03734 | 0.01693 | 15 | -0.49 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0652 | 1.1350 | 0.01000 | 1.1485 | 0.03734 | 0.01693 | 15 | -0.36 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0878 | 1.1500 | 0.00400 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.04 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0644 | 1.1510 | 0.00200 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.07 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0571 | 1.1525 | 0.00100 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.11 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0675 | 1.1550 | 0.01000 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.18 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0227 | 1.1600 | 0.02000 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.31 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 2004 | 1.1750 | 0.01000 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.71 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0684 | 1.1805 | 0.01300 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.86 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 2022 | 1.2100 | 0.04000 | 1.1485 | 0.03734 | 0.01693 | 15 | 1.65 | 3% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0171 | 1.2445 | 0.06900 | 1.1485 | 0.03734 | 0.01693 | 15 | 2.57 | 4% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (%) | 0910 | 1.1500 | 0.10000 | 1.1485 | 0.03734 | 0.01693 | 15 | 0.04 | 0% | 1 |
| 122.01 | Aspartic, Pre-col OPA Der (%) | 0297 | 1.1645 | 0.00900 | | | 0.00900 | 1 | | | |
| 122.02 | Aspartic, Post-col OPA Der (%) | 2023 | 1.1100 | 0.00000 | 1.1255 | 0.02196 | 0.00465 | 2 | -0.71 | 1% | 0 |
| 122.02 | Aspartic, Post-col OPA Der (%) | 0098 | 1.1411 | 0.00930 | 1.1255 | 0.02196 | 0.00465 | 2 | 0.71 | 1% | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0008 | 1.0350 | 0.01200 | 1.0820 | 0.04204 | 0.04267 | 3 | -1.12 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0676 | 1.0950 | 0.09800 | 1.0820 | 0.04204 | 0.04267 | 3 | 0.31 | 1% | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (%) | 0626 | 1.1160 | 0.01800 | 1.0820 | 0.04204 | 0.04267 | 3 | 0.81 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 2022 | 0.24000 | 0.00000 | 0.30400 | 0.00919 | 0.00693 | 14 | -6.96 | 11% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0227 | 0.27500 | 0.01000 | 0.30400 | 0.00919 | 0.00693 | 14 | -3.15 | 5% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0939 | 0.28500 | 0.01000 | 0.30400 | 0.00919 | 0.00693 | 14 | -2.07 | 3% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0644 | 0.29200 | 0.00200 | 0.30400 | 0.00919 | 0.00693 | 14 | -1.31 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0872 | 0.30250 | 0.00100 | 0.30400 | 0.00919 | 0.00693 | 14 | -0.16 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0504 | 0.30500 | 0.01000 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.11 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0675 | 0.30500 | 0.01000 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.11 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0910 | 0.30500 | 0.03000 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.11 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 2004 | 0.30500 | 0.00400 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.11 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0968 | 0.30700 | 0.00000 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.33 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0684 | 0.31000 | 0.00600 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.65 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0878 | 0.31050 | 0.00700 | 0.30400 | 0.00919 | 0.00693 | 14 | 0.71 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0571 | 0.31600 | 0.00200 | 0.30400 | 0.00919 | 0.00693 | 14 | 1.31 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0171 | 0.32850 | 0.00500 | 0.30400 | 0.00919 | 0.00693 | 14 | 2.67 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (%) | 0652 | 0.33000 | 0.04000 | 0.30400 | 0.00919 | 0.00693 | 14 | 2.83 | 4% | 1 |
| 124.01 | Cysteine/Cystine, PAO Pre-col OPA Der (%) | 0297 | 0.29950 | 0.00900 | | | 0.00900 | 1 | | | |
| 124.02 | Cysteine/Cystine, PAO Post-col OPA Der (%) | 0098 | 0.33400 | 0.00220 | 0.35700 | 0.03253 | 0.01110 | 2 | -0.71 | 3% | 0 |
| 124.02 | Cysteine/Cystine, PAO Post-col OPA Der (%) | 2023 | 0.38000 | 0.02000 | 0.35700 | 0.03253 | 0.01110 | 2 | 0.71 | 3% | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 0008 | 0.18900 | 0.01800 | 0.26575 | 0.10854 | 0.01150 | 2 | -0.71 | 14% | 0 |
| 124.05 | Cysteine/Cystine, PAO Pre-col AQC Der (%) | 0676 | 0.34250 | 0.00500 | 0.26575 | 0.10854 | 0.01150 | 2 | 0.71 | 14% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0504 | 2.5450 | 0.05000 | 2.8717 | 0.04517 | 0.04788 | 16 | -7.23 | 6% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0872 | 2.7740 | 0.00400 | 2.8717 | 0.04517 | 0.04788 | 16 | -2.16 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0571 | 2.8370 | 0.00200 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.77 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0941 | 2.8400 | 0.04000 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.70 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 2004 | 2.8450 | 0.01000 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.59 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0652 | 2.8600 | 0.04000 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.26 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0968 | 2.8625 | 0.00500 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.20 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0227 | 2.8650 | 0.09000 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.15 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0910 | 2.8650 | 0.19000 | 2.8717 | 0.04517 | 0.04788 | 16 | -0.15 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0644 | 2.8805 | 0.00900 | 2.8717 | 0.04517 | 0.04788 | 16 | 0.19 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0939 | 2.8850 | 0.01000 | 2.8717 | 0.04517 | 0.04788 | 16 | 0.29 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0878 | 2.8995 | 0.00300 | 2.8717 | 0.04517 | 0.04788 | 16 | 0.62 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0171 | 2.9845 | 0.04100 | 2.8717 | 0.04517 | 0.04788 | 16 | 2.50 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0675 | 2.9950 | 0.01000 | 2.8717 | 0.04517 | 0.04788 | 16 | 2.73 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 0684 | 3.0930 | 0.09200 | 2.8717 | 0.04517 | 0.04788 | 16 | 4.90 | 4% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (%) | 2022 | 3.2050 | 0.17000 | 2.8717 | 0.04517 | 0.04788 | 16 | 7.38 | 6% | 0 |
| 125.01 | Glutamic, Pre-col OPA Der (%) | 0297 | 3.0270 | 0.00400 | | | 0.00400 | 1 | | | |
| 125.02 | Glutamic, Post-col OPA Der (%) | 0098 | 2.7309 | 0.03130 | 2.7854 | 0.07718 | 0.01565 | 2 | -0.71 | 1% | 0 |
| 125.02 | Glutamic, Post-col OPA Der (%) | 2023 | 2.8400 | 0.00000 | 2.7854 | 0.07718 | 0.01565 | 2 | 0.71 | 1% | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0626 | 2.6150 | 0.05200 | 2.6497 | 0.03664 | 0.07133 | 3 | -0.95 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0676 | 2.6460 | 0.11000 | 2.6497 | 0.03664 | 0.07133 | 3 | -0.10 | 0% | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (%) | 0008 | 2.6880 | 0.05200 | 2.6497 | 0.03664 | 0.07133 | 3 | 1.05 | 1% | 0 |
| 125.99 | Glutamic, Miscellaneous (%) | 0670 | 2.4150 | 0.03000 | | | 0.03000 | 1 | | | |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 2022 | 0.70500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | -7.22 | 4% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0504 | 0.75000 | 0.02000 | 0.76891 | 0.00885 | 0.01033 | 15 | -2.14 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0941 | 0.75500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | -1.57 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0644 | 0.76200 | 0.00200 | 0.76891 | 0.00885 | 0.01033 | 15 | -0.78 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 2004 | 0.76400 | 0.00200 | 0.76891 | 0.00885 | 0.01033 | 15 | -0.55 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0652 | 0.76500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | -0.44 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0872 | 0.76550 | 0.00100 | 0.76891 | 0.00885 | 0.01033 | 15 | -0.39 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0968 | 0.77150 | 0.00100 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.29 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0878 | 0.77200 | 0.00200 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.35 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0227 | 0.77500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.69 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0675 | 0.77500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.69 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0910 | 0.77500 | 0.05000 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.69 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0939 | 0.77500 | 0.01000 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.69 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0684 | 0.77700 | 0.01600 | 0.76891 | 0.00885 | 0.01033 | 15 | 0.91 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0571 | 0.79150 | 0.00100 | 0.76891 | 0.00885 | 0.01033 | 15 | 2.55 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (%) | 0171 | 0.79500 | 0.08800 | 0.76891 | 0.00885 | 0.01033 | 15 | 2.95 | 2% | 1 |
| 126.01 | Glycine, Pre-col OPA Der (%) | 0297 | 0.78700 | 0.00600 | | | 0.00600 | 1 | | | |
| 126.02 | Glycine, Post-col OPA Der (%) | 2023 | 0.75500 | 0.03000 | 0.77403 | 0.02691 | 0.02165 | 2 | -0.71 | 1% | 0 |
| 126.02 | Glycine, Post-col OPA Der (%) | 0098 | 0.79305 | 0.01330 | 0.77403 | 0.02691 | 0.02165 | 2 | 0.71 | 1% | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0008 | 0.72350 | 0.01700 | 0.74450 | 0.02326 | 0.01633 | 3 | -0.90 | 1% | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0626 | 0.74050 | 0.00700 | 0.74450 | 0.02326 | 0.01633 | 3 | -0.17 | 0% | 0 |
| 126.05 | Glycine, Pre-col AQC Der (%) | 0676 | 0.76950 | 0.02500 | 0.74450 | 0.02326 | 0.01633 | 3 | 1.07 | 2% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 2022 | 0.36000 | 0.02000 | 0.42713 | 0.01522 | 0.00881 | 16 | -4.41 | 8% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0504 | 0.40500 | 0.01000 | 0.42713 | 0.01522 | 0.00881 | 16 | -1.45 | 3% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0910 | 0.41500 | 0.03000 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.80 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0571 | 0.41750 | 0.01100 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.63 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0941 | 0.42000 | 0.00000 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.47 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0872 | 0.42100 | 0.01000 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.40 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 2004 | 0.42300 | 0.00200 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.27 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0227 | 0.42500 | 0.01000 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.14 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0644 | 0.42550 | 0.00100 | 0.42713 | 0.01522 | 0.00881 | 16 | -0.11 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0684 | 0.42900 | 0.00800 | 0.42713 | 0.01522 | 0.00881 | 16 | 0.12 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0652 | 0.43000 | 0.02000 | 0.42713 | 0.01522 | 0.00881 | 16 | 0.19 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0968 | 0.43800 | 0.00000 | 0.42713 | 0.01522 | 0.00881 | 16 | 0.71 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0171 | 0.44400 | 0.00600 | 0.42713 | 0.01522 | 0.00881 | 16 | 1.11 | 2% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0675 | 0.44500 | 0.01000 | 0.42713 | 0.01522 | 0.00881 | 16 | 1.17 | 2% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0878 | 0.45450 | 0.00300 | 0.42713 | 0.01522 | 0.00881 | 16 | 1.80 | 3% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (%) | 0939 | 0.47000 | 0.00000 | 0.42713 | 0.01522 | 0.00881 | 16 | 2.82 | 5% | 0 |
| 127.01 | Histidine, Pre-col OPA Der (%) | 0297 | 0.37700 | 0.00400 | | | 0.00400 | 1 | | | |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 127.02 | Histidine, Post-col OPA Der (%) | 2023 | 0.39000 | 0.00000 | 0.40955 | 0.02765 | 0.00210 | 2 | -0.71 | 2% | 0 |
| 127.02 | Histidine, Post-col OPA Der (%) | 0098 | 0.42910 | 0.00420 | 0.40955 | 0.02765 | 0.00210 | 2 | 0.71 | 2% | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0008 | 0.38400 | 0.02800 | 0.40183 | 0.01685 | 0.01767 | 3 | -1.06 | 2% | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0626 | 0.40400 | 0.00800 | 0.40183 | 0.01685 | 0.01767 | 3 | 0.13 | 0% | 0 |
| 127.05 | Histidine, Pre-col AQC Der (%) | 0676 | 0.41750 | 0.01700 | 0.40183 | 0.01685 | 0.01767 | 3 | 0.93 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0941 | 0.50000 | 0.00000 | 0.53304 | 0.02588 | 0.00993 | 15 | -1.28 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 2022 | 0.50000 | 0.02000 | 0.53304 | 0.02588 | 0.00993 | 15 | -1.28 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0684 | 0.50700 | 0.02400 | 0.53304 | 0.02588 | 0.00993 | 15 | -1.01 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0652 | 0.51500 | 0.01000 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.70 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0227 | 0.52000 | 0.02000 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.50 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0644 | 0.52650 | 0.00700 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.25 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 2004 | 0.52650 | 0.00300 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.25 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0872 | 0.52900 | 0.01000 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.16 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0878 | 0.53150 | 0.00700 | 0.53304 | 0.02588 | 0.00993 | 15 | -0.06 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0504 | 0.54500 | 0.01000 | 0.53304 | 0.02588 | 0.00993 | 15 | 0.46 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0571 | 0.54600 | 0.00600 | 0.53304 | 0.02588 | 0.00993 | 15 | 0.50 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0675 | 0.55500 | 0.01000 | 0.53304 | 0.02588 | 0.00993 | 15 | 0.85 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0968 | 0.56050 | 0.00100 | 0.53304 | 0.02588 | 0.00993 | 15 | 1.06 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0171 | 0.57850 | 0.02100 | 0.53304 | 0.02588 | 0.00993 | 15 | 1.76 | 4% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0939 | 0.58000 | 0.00000 | 0.53304 | 0.02588 | 0.00993 | 15 | 1.81 | 4% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (%) | 0910 | 0.55000 | 0.06000 | 0.53304 | 0.02588 | 0.00993 | 15 | 0.66 | 2% | 1 |
| 128.01 | Isoleucine, Pre-col OPA Der (%) | 0297 | 0.59800 | 0.00000 | | | 0.00000 | 1 | | | |
| 128.02 | Isoleucine, Post-col OPA Der (%) | 2023 | 0.50000 | 0.02000 | 0.51943 | 0.02747 | 0.01705 | 2 | -0.71 | 2% | 0 |
| 128.02 | Isoleucine, Post-col OPA Der (%) | 0098 | 0.53885 | 0.01410 | 0.51943 | 0.02747 | 0.01705 | 2 | 0.71 | 2% | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0008 | 0.43300 | 0.00000 | 0.48417 | 0.04447 | 0.00633 | 3 | -1.15 | 5% | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0626 | 0.50600 | 0.01800 | 0.48417 | 0.04447 | 0.00633 | 3 | 0.49 | 2% | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (%) | 0676 | 0.51350 | 0.00100 | 0.48417 | 0.04447 | 0.00633 | 3 | 0.66 | 3% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0941 | 1.2750 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | -1.47 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 2022 | 1.2800 | 0.02000 | 1.3099 | 0.02380 | 0.01507 | 15 | -1.26 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0652 | 1.2850 | 0.03000 | 1.3099 | 0.02380 | 0.01507 | 15 | -1.05 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0227 | 1.2950 | 0.03000 | 1.3099 | 0.02380 | 0.01507 | 15 | -0.63 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0939 | 1.2950 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | -0.63 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0968 | 1.3045 | 0.00900 | 1.3099 | 0.02380 | 0.01507 | 15 | -0.23 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 2004 | 1.3050 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | -0.21 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0878 | 1.3090 | 0.00000 | 1.3099 | 0.02380 | 0.01507 | 15 | -0.04 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0504 | 1.3150 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | 0.21 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0872 | 1.3175 | 0.01500 | 1.3099 | 0.02380 | 0.01507 | 15 | 0.32 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0644 | 1.3200 | 0.01200 | 1.3099 | 0.02380 | 0.01507 | 15 | 0.42 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0571 | 1.3240 | 0.00200 | 1.3099 | 0.02380 | 0.01507 | 15 | 0.59 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0675 | 1.3450 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | 1.48 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0684 | 1.3650 | 0.01000 | 1.3099 | 0.02380 | 0.01507 | 15 | 2.32 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0171 | 1.3760 | 0.04800 | 1.3099 | 0.02380 | 0.01507 | 15 | 2.78 | 3% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 129.00 | Leucine, Post-col Ninhydrin Der (%) | 0910 | 1.2800 | 0.10000 | 1.3099 | 0.02380 | 0.01507 | 15 | -1.26 | 1% | 1 |
| 129.01 | Leucine, Pre-col OPA Der (%) | 0297 | 1.3265 | 0.00500 | | | 0.00500 | 1 | | | |
| 129.02 | Leucine, Post-col OPA Der (%) | 2023 | 1.2700 | 0.02000 | 1.3027 | 0.04617 | 0.02030 | 2 | -0.71 | 1% | 0 |
| 129.02 | Leucine, Post-col OPA Der (%) | 0098 | 1.3353 | 0.02060 | 1.3027 | 0.04617 | 0.02030 | 2 | 0.71 | 1% | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0008 | 1.1980 | 0.01400 | 1.2493 | 0.07033 | 0.02467 | 3 | -0.73 | 2% | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0626 | 1.2205 | 0.01300 | 1.2493 | 0.07033 | 0.02467 | 3 | -0.41 | 1% | 0 |
| 129.05 | Leucine, Pre-col AQC Der (%) | 0676 | 1.3295 | 0.04700 | 1.2493 | 0.07033 | 0.02467 | 3 | 1.14 | 3% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0652 | 0.56000 | 0.00000 | 0.59013 | 0.02664 | 0.01213 | 15 | -1.13 | 3% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0684 | 0.56050 | 0.01700 | 0.59013 | 0.02664 | 0.01213 | 15 | -1.11 | 3% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0941 | 0.56500 | 0.01000 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.94 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0872 | 0.57250 | 0.00100 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.66 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0571 | 0.57800 | 0.00600 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.46 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 2004 | 0.57900 | 0.00200 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.42 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0878 | 0.58200 | 0.00400 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.31 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0644 | 0.58500 | 0.00200 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.19 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0910 | 0.58500 | 0.03000 | 0.59013 | 0.02664 | 0.01213 | 15 | -0.19 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0504 | 0.59000 | 0.00000 | 0.59013 | 0.02664 | 0.01213 | 15 | 0.00 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0939 | 0.60500 | 0.01000 | 0.59013 | 0.02664 | 0.01213 | 15 | 0.56 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0675 | 0.61500 | 0.01000 | 0.59013 | 0.02664 | 0.01213 | 15 | 0.93 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0968 | 0.61600 | 0.00600 | 0.59013 | 0.02664 | 0.01213 | 15 | 0.97 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0227 | 0.64500 | 0.07000 | 0.59013 | 0.02664 | 0.01213 | 15 | 2.06 | 5% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 0171 | 0.64700 | 0.01400 | 0.59013 | 0.02664 | 0.01213 | 15 | 2.13 | 5% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (%) | 2022 | 0.52000 | 0.10000 | 0.59013 | 0.02664 | 0.01213 | 15 | -2.63 | 6% | 1 |
| 130.01 | L-Lysine, Pre-col OPA Der (%) | 0297 | 0.59000 | 0.00600 | | | 0.00600 | 1 | | | |
| 130.02 | L-Lysine, Post-col OPA Der (%) | 0098 | 0.62900 | 0.00780 | 0.66200 | 0.04667 | 0.07890 | 2 | -0.71 | 2% | 0 |
| 130.02 | L-Lysine, Post-col OPA Der (%) | 2023 | 0.69500 | 0.15000 | 0.66200 | 0.04667 | 0.07890 | 2 | 0.71 | 2% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0008 | 0.50250 | 0.00100 | 0.55038 | 0.04318 | 0.02725 | 4 | -1.11 | 4% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0626 | 0.52750 | 0.06900 | 0.55038 | 0.04318 | 0.02725 | 4 | -0.53 | 2% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0723 | 0.57400 | 0.00200 | 0.55038 | 0.04318 | 0.02725 | 4 | 0.55 | 2% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (%) | 0676 | 0.59750 | 0.03700 | 0.55038 | 0.04318 | 0.02725 | 4 | 1.09 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 2022 | 0.20000 | 0.00000 | 0.25033 | 0.01095 | 0.00500 | 14 | -4.60 | 10% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0684 | 0.23900 | 0.00200 | 0.25033 | 0.01095 | 0.00500 | 14 | -1.03 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0504 | 0.24000 | 0.00000 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.94 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0652 | 0.24500 | 0.01000 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.49 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0910 | 0.24500 | 0.03000 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.49 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0872 | 0.24750 | 0.00300 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.26 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0878 | 0.24900 | 0.00400 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.12 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0227 | 0.25000 | 0.00000 | 0.25033 | 0.01095 | 0.00500 | 14 | -0.03 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 2004 | 0.25100 | 0.00400 | 0.25033 | 0.01095 | 0.00500 | 14 | 0.06 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0675 | 0.25500 | 0.01000 | 0.25033 | 0.01095 | 0.00500 | 14 | 0.43 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0571 | 0.25850 | 0.00100 | 0.25033 | 0.01095 | 0.00500 | 14 | 0.75 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0968 | 0.25950 | 0.00100 | 0.25033 | 0.01095 | 0.00500 | 14 | 0.84 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0644 | 0.28450 | 0.00100 | 0.25033 | 0.01095 | 0.00500 | 14 | 3.12 | 7% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0171 | 0.29600 | 0.00400 | 0.25033 | 0.01095 | 0.00500 | 14 | 4.17 | 9% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (%) | 0939 | 0.31000 | 0.04000 | 0.25033 | 0.01095 | 0.00500 | 14 | 5.45 | 12% | 1 |
| 131.01 | Methionine, PAO Pre-col OPA Der (%) | 0297 | 0.23550 | 0.00700 | | | 0.00700 | 1 | | | |
| 131.02 | Methionine, PAO Post-col OPA Der (%) | 0098 | 0.26195 | 0.00830 | 0.30598 | 0.06226 | 0.09415 | 2 | -0.71 | 7% | 0 |
| 131.02 | Methionine, PAO Post-col OPA Der (%) | 2023 | 0.35000 | 0.18000 | 0.30598 | 0.06226 | 0.09415 | 2 | 0.71 | 7% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0008 | 0.16600 | 0.00600 | 0.21133 | 0.05934 | 0.01067 | 3 | -0.76 | 11% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0626 | 0.18950 | 0.00900 | 0.21133 | 0.05934 | 0.01067 | 3 | -0.37 | 5% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (%) | 0676 | 0.27850 | 0.01700 | 0.21133 | 0.05934 | 0.01067 | 3 | 1.13 | 16% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0939 | 0.65000 | 0.02000 | 0.67568 | 0.01598 | 0.01038 | 16 | -1.61 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 2022 | 0.65000 | 0.00000 | 0.67568 | 0.01598 | 0.01038 | 16 | -1.61 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0504 | 0.66000 | 0.00000 | 0.67568 | 0.01598 | 0.01038 | 16 | -0.98 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0878 | 0.66550 | 0.01300 | 0.67568 | 0.01598 | 0.01038 | 16 | -0.64 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0872 | 0.66650 | 0.00500 | 0.67568 | 0.01598 | 0.01038 | 16 | -0.57 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0968 | 0.66650 | 0.00100 | 0.67568 | 0.01598 | 0.01038 | 16 | -0.57 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0652 | 0.67500 | 0.03000 | 0.67568 | 0.01598 | 0.01038 | 16 | -0.04 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0644 | 0.67650 | 0.00700 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.05 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0684 | 0.67750 | 0.00100 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.11 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0227 | 0.68000 | 0.00000 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.27 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0941 | 0.68000 | 0.00000 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.27 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0571 | 0.68450 | 0.00700 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.55 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0910 | 0.68500 | 0.03000 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.58 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 2004 | 0.68750 | 0.01900 | 0.67568 | 0.01598 | 0.01038 | 16 | 0.74 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0171 | 0.69950 | 0.02300 | 0.67568 | 0.01598 | 0.01038 | 16 | 1.49 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (%) | 0675 | 0.70500 | 0.01000 | 0.67568 | 0.01598 | 0.01038 | 16 | 1.83 | 2% | 0 |
| 132.01 | Phenylalanine, Pre-col OPA Der (%) | 0297 | 0.71750 | 0.00100 | | | 0.00100 | 1 | | | |
| 132.02 | Phenylalanine, Post-col OPA Der (%) | 2023 | 0.64500 | 0.01000 | 0.66250 | 0.02475 | 0.01530 | 2 | -0.71 | 1% | 0 |
| 132.02 | Phenylalanine, Post-col OPA Der (%) | 0098 | 0.68000 | 0.02060 | 0.66250 | 0.02475 | 0.01530 | 2 | 0.71 | 1% | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0008 | 0.61050 | 0.00700 | 0.64733 | 0.03233 | 0.01933 | 3 | -1.14 | 3% | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0626 | 0.66050 | 0.04500 | 0.64733 | 0.03233 | 0.01933 | 3 | 0.41 | 1% | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (%) | 0676 | 0.67100 | 0.00600 | 0.64733 | 0.03233 | 0.01933 | 3 | 0.73 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 2004 | 1.0400 | 0.04000 | 1.1296 | 0.03575 | 0.02538 | 13 | -2.51 | 4% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0939 | 1.0850 | 0.01000 | 1.1296 | 0.03575 | 0.02538 | 13 | -1.25 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0910 | 1.0900 | 0.04000 | 1.1296 | 0.03575 | 0.02538 | 13 | -1.11 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0878 | 1.0985 | 0.01900 | 1.1296 | 0.03575 | 0.02538 | 13 | -0.87 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0652 | 1.1150 | 0.03000 | 1.1296 | 0.03575 | 0.02538 | 13 | -0.41 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0227 | 1.1250 | 0.07000 | 1.1296 | 0.03575 | 0.02538 | 13 | -0.13 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0968 | 1.1370 | 0.02200 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.21 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0684 | 1.1435 | 0.04500 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.39 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0872 | 1.1445 | 0.03100 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.42 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0675 | 1.1550 | 0.01000 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.71 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0571 | 1.1565 | 0.01300 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.75 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0644 | 1.1610 | 0.00000 | 1.1296 | 0.03575 | 0.02538 | 13 | 0.88 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0941 | 1.1900 | 0.00000 | 1.1296 | 0.03575 | 0.02538 | 13 | 1.69 | 3% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (%) | 0171 | 1.2270 | 0.12200 | 1.1296 | 0.03575 | 0.02538 | 13 | 2.72 | 4% | 1 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0008 | 1.0770 | 0.00800 | 1.1610 | 0.07308 | 0.02600 | 3 | -1.15 | 4% | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0626 | 1.1960 | 0.01600 | 1.1610 | 0.07308 | 0.02600 | 3 | 0.48 | 2% | 0 |
| 133.05 | Proline, Pre-col AQC Der (%) | 0676 | 1.2100 | 0.05400 | 1.1610 | 0.07308 | 0.02600 | 3 | 0.67 | 2% | 0 |
| 133.99 | Proline, Miscellaneous (%) | 2023 | 1.4550 | 0.01000 | | | 0.01000 | 1 | | | |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0504 | 0.61000 | 0.02000 | 0.71100 | 0.04678 | 0.01887 | 15 | -2.16 | 7% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 2022 | 0.62500 | 0.05000 | 0.71100 | 0.04678 | 0.01887 | 15 | -1.84 | 6% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0968 | 0.65600 | 0.02200 | 0.71100 | 0.04678 | 0.01887 | 15 | -1.18 | 4% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0872 | 0.68000 | 0.00200 | 0.71100 | 0.04678 | 0.01887 | 15 | -0.66 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0571 | 0.70050 | 0.01700 | 0.71100 | 0.04678 | 0.01887 | 15 | -0.22 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 2004 | 0.70250 | 0.02100 | 0.71100 | 0.04678 | 0.01887 | 15 | -0.18 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0939 | 0.71000 | 0.00000 | 0.71100 | 0.04678 | 0.01887 | 15 | -0.02 | 0% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0878 | 0.71100 | 0.00400 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.00 | 0% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0644 | 0.71200 | 0.00200 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.02 | 0% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0652 | 0.72500 | 0.05000 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.30 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0675 | 0.73500 | 0.01000 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.51 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0227 | 0.74000 | 0.04000 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.62 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0941 | 0.75000 | 0.02000 | 0.71100 | 0.04678 | 0.01887 | 15 | 0.83 | 3% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0684 | 0.77450 | 0.01300 | 0.71100 | 0.04678 | 0.01887 | 15 | 1.36 | 4% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0171 | 0.78600 | 0.01200 | 0.71100 | 0.04678 | 0.01887 | 15 | 1.60 | 5% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (%) | 0910 | 1.0400 | 0.74000 | 0.71100 | 0.04678 | 0.01887 | 15 | 7.03 | 23% | 1 |
| 134.01 | Serine, Pre-col OPA Der (%) | 0297 | 0.78150 | 0.00700 | | | 0.00700 | 1 | | | |
| 134.02 | Serine, Post-col OPA Der (%) | 0098 | 0.65705 | 0.03010 | 0.68603 | 0.04098 | 0.02005 | 2 | -0.71 | 2% | 0 |
| 134.02 | Serine, Post-col OPA Der (%) | 2023 | 0.71500 | 0.01000 | 0.68603 | 0.04098 | 0.02005 | 2 | 0.71 | 2% | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0626 | 0.67850 | 0.00300 | 0.71183 | 0.03786 | 0.02833 | 3 | -0.88 | 2% | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0008 | 0.70400 | 0.02800 | 0.71183 | 0.03786 | 0.02833 | 3 | -0.21 | 1% | 0 |
| 134.05 | Serine, Pre-col AQC Der (%) | 0676 | 0.75300 | 0.05400 | 0.71183 | 0.03786 | 0.02833 | 3 | 1.09 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0910 | 0.52500 | 0.05000 | 0.56439 | 0.02362 | 0.01444 | 16 | -1.67 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0872 | 0.53600 | 0.00200 | 0.56439 | 0.02362 | 0.01444 | 16 | -1.20 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 2022 | 0.54500 | 0.05000 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.82 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0504 | 0.54500 | 0.01000 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.82 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0968 | 0.54750 | 0.00100 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.72 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0571 | 0.55850 | 0.01300 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.25 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0878 | 0.55850 | 0.00100 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.25 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0652 | 0.56000 | 0.02000 | 0.56439 | 0.02362 | 0.01444 | 16 | -0.19 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0675 | 0.56500 | 0.01000 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.03 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0227 | 0.57000 | 0.02000 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.24 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0939 | 0.57500 | 0.01000 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.45 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0941 | 0.58000 | 0.02000 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.66 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0644 | 0.58050 | 0.00100 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.68 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|------------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 2004 | 0.58400 | 0.01600 | 0.56439 | 0.02362 | 0.01444 | 16 | 0.83 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0684 | 0.59650 | 0.00500 | 0.56439 | 0.02362 | 0.01444 | 16 | 1.36 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (%) | 0171 | 0.61200 | 0.00200 | 0.56439 | 0.02362 | 0.01444 | 16 | 2.02 | 4% | 0 |
| 135.01 | Threonine, Pre-col OPA Der (%) | 0297 | 0.58650 | 0.00100 | | | 0.00100 | 1 | | | |
| 135.02 | Threonine, Post-col OPA Der (%) | 2023 | 0.54000 | 0.00000 | 0.54933 | 0.01319 | 0.00125 | 2 | -0.71 | 1% | 0 |
| 135.02 | Threonine, Post-col OPA Der (%) | 0098 | 0.55865 | 0.00250 | 0.54933 | 0.01319 | 0.00125 | 2 | 0.71 | 1% | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0626 | 0.52500 | 0.01000 | 0.54750 | 0.03598 | 0.02100 | 3 | -0.63 | 2% | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0008 | 0.52850 | 0.01900 | 0.54750 | 0.03598 | 0.02100 | 3 | -0.53 | 2% | 0 |
| 135.05 | Threonine, Pre-col AQC Der (%) | 0676 | 0.58900 | 0.03400 | 0.54750 | 0.03598 | 0.02100 | 3 | 1.15 | 4% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhydrin (%) | 0171 | 0.12750 | 0.03500 | 0.19240 | 0.04933 | 0.02040 | 5 | -1.32 | 17% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhydrin (%) | 0941 | 0.16500 | 0.01000 | 0.19240 | 0.04933 | 0.02040 | 5 | -0.56 | 7% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhydrin (%) | 2004 | 0.19700 | 0.00400 | 0.19240 | 0.04933 | 0.02040 | 5 | 0.09 | 1% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhydrin (%) | 0227 | 0.21500 | 0.05000 | 0.19240 | 0.04933 | 0.02040 | 5 | 0.46 | 6% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhydrin (%) | 0684 | 0.25750 | 0.00300 | 0.19240 | 0.04933 | 0.02040 | 5 | 1.32 | 17% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0878 | 0.16750 | 0.00100 | 0.18740 | 0.01130 | 0.00160 | 5 | -1.76 | 5% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0571 | 0.19000 | 0.00200 | 0.18740 | 0.01130 | 0.00160 | 5 | 0.23 | 1% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0868 | 0.19100 | 0.00200 | 0.18740 | 0.01130 | 0.00160 | 5 | 0.32 | 1% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0297 | 0.19350 | 0.00100 | 0.18740 | 0.01130 | 0.00160 | 5 | 0.54 | 2% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (%) | 0644 | 0.19500 | 0.00200 | 0.18740 | 0.01130 | 0.00160 | 5 | 0.67 | 2% | 0 |
| 136.02 | Tryptophan, Alka-Hydrol Post-col OPA Der (%) | 2023 | 0.14000 | 0.02000 | | | 0.02000 | 1 | | | |
| 136.03 | Tryptophan, Alka-Hydrol + IS RP LC FI (%) | 0872 | 0.19250 | 0.00300 | | | 0.00300 | 1 | | | |
| 136.05 | Tryptophan, Pre-col AQC Der (%) | 0008 | 0.15400 | 0.01400 | | | 0.01400 | 1 | | | |
| 136.99 | Tryptophan, Miscellaneous (%) | 0504 | 0.13500 | 0.03000 | 0.16150 | 0.03748 | 0.02100 | 2 | -0.71 | 8% | 0 |
| 136.99 | Tryptophan, Miscellaneous (%) | 0098 | 0.18800 | 0.01200 | 0.16150 | 0.03748 | 0.02100 | 2 | 0.71 | 8% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 2004 | 0.40450 | 0.01500 | 0.45883 | 0.03770 | 0.01817 | 12 | -1.44 | 6% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0504 | 0.40500 | 0.01000 | 0.45883 | 0.03770 | 0.01817 | 12 | -1.43 | 6% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0939 | 0.44500 | 0.05000 | 0.45883 | 0.03770 | 0.01817 | 12 | -0.37 | 2% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0227 | 0.44500 | 0.01000 | 0.45883 | 0.03770 | 0.01817 | 12 | -0.37 | 2% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0968 | 0.44850 | 0.00500 | 0.45883 | 0.03770 | 0.01817 | 12 | -0.27 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0910 | 0.45000 | 0.02000 | 0.45883 | 0.03770 | 0.01817 | 12 | -0.23 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0171 | 0.45650 | 0.04100 | 0.45883 | 0.03770 | 0.01817 | 12 | -0.06 | 0% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0872 | 0.46050 | 0.00300 | 0.45883 | 0.03770 | 0.01817 | 12 | 0.04 | 0% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0644 | 0.48750 | 0.00700 | 0.45883 | 0.03770 | 0.01817 | 12 | 0.76 | 3% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0941 | 0.50000 | 0.04000 | 0.45883 | 0.03770 | 0.01817 | 12 | 1.09 | 4% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0675 | 0.50500 | 0.01000 | 0.45883 | 0.03770 | 0.01817 | 12 | 1.22 | 5% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (%) | 0684 | 0.51350 | 0.00700 | 0.45883 | 0.03770 | 0.01817 | 12 | 1.45 | 6% | 0 |
| 137.01 | Tyrosine, Pre-col OPA Der (%) | 0297 | 0.55250 | 0.00300 | | | 0.00300 | 1 | | | |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 2023 | 0.40000 | 0.00000 | 0.41395 | 0.01973 | 0.00620 | 2 | -0.71 | 2% | 0 |
| 137.02 | Tyrosine, Post-col OPA Der (%) | 0098 | 0.42790 | 0.01240 | 0.41395 | 0.01973 | 0.00620 | 2 | 0.71 | 2% | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0626 | 0.34200 | 0.00800 | 0.41083 | 0.11449 | 0.02100 | 3 | -0.60 | 8% | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0008 | 0.34750 | 0.03300 | 0.41083 | 0.11449 | 0.02100 | 3 | -0.55 | 8% | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (%) | 0676 | 0.54300 | 0.02200 | 0.41083 | 0.11449 | 0.02100 | 3 | 1.15 | 16% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 2022 | 0.68000 | 0.00000 | 0.76535 | 0.03875 | 0.00840 | 15 | -2.20 | 6% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0941 | 0.72000 | 0.02000 | 0.76535 | 0.03875 | 0.00840 | 15 | -1.17 | 3% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0227 | 0.73000 | 0.02000 | 0.76535 | 0.03875 | 0.00840 | 15 | -0.91 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0652 | 0.73500 | 0.01000 | 0.76535 | 0.03875 | 0.00840 | 15 | -0.78 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0644 | 0.74700 | 0.00400 | 0.76535 | 0.03875 | 0.00840 | 15 | -0.47 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0684 | 0.74700 | 0.02000 | 0.76535 | 0.03875 | 0.00840 | 15 | -0.47 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0878 | 0.76300 | 0.00800 | 0.76535 | 0.03875 | 0.00840 | 15 | -0.06 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0504 | 0.77000 | 0.00000 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.12 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0872 | 0.77000 | 0.00200 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.12 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0571 | 0.77100 | 0.00400 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.15 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0675 | 0.78500 | 0.01000 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.51 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 2004 | 0.79750 | 0.00100 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.83 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0968 | 0.80250 | 0.00100 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.96 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0939 | 0.81000 | 0.00000 | 0.76535 | 0.03875 | 0.00840 | 15 | 1.15 | 3% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0171 | 0.83200 | 0.02600 | 0.76535 | 0.03875 | 0.00840 | 15 | 1.72 | 4% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (%) | 0910 | 0.77500 | 0.05000 | 0.76535 | 0.03875 | 0.00840 | 15 | 0.25 | 1% | 1 |
| 138.01 | Valine, Pre-col OPA Der (%) | 0297 | 0.84900 | 0.00200 | | | 0.00200 | 1 | | | |
| 138.02 | Valine, Post-col OPA Der (%) | 2023 | 0.66500 | 0.01000 | 0.72750 | 0.08839 | 0.02100 | 2 | -0.71 | 4% | 0 |
| 138.02 | Valine, Post-col OPA Der (%) | 0098 | 0.79000 | 0.03200 | 0.72750 | 0.08839 | 0.02100 | 2 | 0.71 | 4% | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0008 | 0.64350 | 0.01100 | 0.70767 | 0.06746 | 0.02867 | 3 | -0.95 | 5% | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0626 | 0.70150 | 0.03900 | 0.70767 | 0.06746 | 0.02867 | 3 | -0.09 | 0% | 0 |
| 138.05 | Valine, Pre-col AQC Der (%) | 0676 | 0.77800 | 0.03600 | 0.70767 | 0.06746 | 0.02867 | 3 | 1.04 | 5% | 0 |
| 139.00 | Taurine, Post-col Ninhydrin Der (%) | 0504 | 0.10000 | 0.00000 | 0.13567 | 0.03502 | 0.00533 | 3 | -1.02 | 13% | 0 |
| 139.00 | Taurine, Post-col Ninhydrin Der (%) | 0171 | 0.13700 | 0.01600 | 0.13567 | 0.03502 | 0.00533 | 3 | 0.04 | 0% | 0 |
| 139.00 | Taurine, Post-col Ninhydrin Der (%) | 0941 | 0.17000 | 0.00000 | 0.13567 | 0.03502 | 0.00533 | 3 | 0.98 | 13% | 0 |
| 139.02 | Taurine, Post-col OPA Der (%) | 0098 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 2 | 0.00 | | 0 |
| 139.02 | Taurine, Post-col OPA Der (%) | 2023 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 2 | 0.00 | | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0148 | 0.25500 | 0.01000 | 0.33000 | 0.06014 | 0.01150 | 4 | -1.25 | 11% | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0297 | 0.32000 | 0.00600 | 0.33000 | 0.06014 | 0.01150 | 4 | -0.17 | 2% | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 0227 | 0.34500 | 0.03000 | 0.33000 | 0.06014 | 0.01150 | 4 | 0.25 | 2% | 0 |
| 160.99 | Fructose, Miscellaneous (%) | 2004 | 0.40000 | 0.00000 | 0.33000 | 0.06014 | 0.01150 | 4 | 1.16 | 11% | 0 |
| 161.99 | Galactose, Miscellaneous (%) | 0297 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 2 | 0.00 | | 0 |
| 161.99 | Galactose, Miscellaneous (%) | 2004 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 2 | 0.00 | | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0148 | 0.19000 | 0.02000 | 0.36588 | 0.15151 | 0.01275 | 4 | -1.16 | 24% | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 2004 | 0.30000 | 0.00000 | 0.36588 | 0.15151 | 0.01275 | 4 | -0.43 | 9% | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0227 | 0.44000 | 0.00000 | 0.36588 | 0.15151 | 0.01275 | 4 | 0.49 | 10% | 0 |
| 162.99 | Glucose, Miscellaneous (%) | 0297 | 0.53350 | 0.03100 | 0.36588 | 0.15151 | 0.01275 | 4 | 1.11 | 23% | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0227 | 0.00000 | 0.00000 | 0.07875 | 0.15750 | 0.00250 | 4 | -0.50 | 50% | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0297 | 0.00000 | 0.00000 | 0.07875 | 0.15750 | 0.00250 | 4 | -0.50 | 50% | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 2004 | 0.00000 | 0.00000 | 0.07875 | 0.15750 | 0.00250 | 4 | -0.50 | 50% | 0 |
| 163.99 | Lactose, Miscellaneous (%) | 0148 | 0.31500 | 0.01000 | 0.07875 | 0.15750 | 0.00250 | 4 | 1.50 | 150% | 0 |
| 164.99 | Maltose, Miscellaneous (%) | 0227 | 0.00000 | 0.00000 | 0.27888 | 0.37348 | 0.01025 | 4 | -0.75 | 50% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|--------------------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 164.99 | Maltose, Miscellaneous (%) | 0148 | 0.09000 | 0.00000 | 0.27888 | 0.37348 | 0.01025 | 4 | -0.51 | 34% | 0 |
| 164.99 | Maltose, Miscellaneous (%) | 2004 | 0.20000 | 0.00000 | 0.27888 | 0.37348 | 0.01025 | 4 | -0.21 | 14% | 0 |
| 164.99 | Maltose, Miscellaneous (%) | 0297 | 0.82550 | 0.04100 | 0.27888 | 0.37348 | 0.01025 | 4 | 1.46 | 98% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0199 | 1.9500 | 0.10000 | 2.5505 | 0.51674 | 0.11433 | 6 | -1.16 | 12% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0148 | 2.2400 | 0.02000 | 2.5505 | 0.51674 | 0.11433 | 6 | -0.60 | 6% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0227 | 2.4100 | 0.12000 | 2.5505 | 0.51674 | 0.11433 | 6 | -0.27 | 3% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 2004 | 2.6000 | 0.00000 | 2.5505 | 0.51674 | 0.11433 | 6 | 0.10 | 1% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0297 | 2.8830 | 0.27600 | 2.5505 | 0.51674 | 0.11433 | 6 | 0.64 | 7% | 0 |
| 165.99 | Sucrose, Miscellaneous (%) | 0910 | 4.8550 | 0.17000 | 2.5505 | 0.51674 | 0.11433 | 6 | 4.46 | 45% | 0 |
| 166.99 | Raffinose, Miscellaneous (%) | 0297 | 0.90200 | 0.11200 | | | 0.11200 | 1 | | | |
| 167.99 | Stachyose, Miscellaneous (%) | 0297 | 0.21350 | 0.00500 | | | 0.00500 | 1 | | | |
| 400.01 | Water activity, Aqualab chilled mirror (U) | 0670 | 0.49250 | 0.00100 | 0.50913 | 0.01256 | 0.00175 | 4 | -1.32 | 2% | 0 |
| 400.01 | Water activity, Aqualab chilled mirror (U) | 0942 | 0.51000 | 0.00000 | 0.50913 | 0.01256 | 0.00175 | 4 | 0.07 | 0% | 0 |
| 400.01 | Water activity, Aqualab chilled mirror (U) | 0589 | 0.51100 | 0.00400 | 0.50913 | 0.01256 | 0.00175 | 4 | 0.15 | 0% | 0 |
| 400.01 | Water activity, Aqualab chilled mirror (U) | 0001 | 0.52300 | 0.00200 | 0.50913 | 0.01256 | 0.00175 | 4 | 1.10 | 1% | 0 |
| 400.99 | Water activity, Miscellaneous (U) | 0552 | 0.55175 | 0.00050 | | | 0.00050 | 1 | | | |
| 516.00 | Arsenic, total, AA, Hydride (ppm) | 0716 | 0.07500 | 0.01000 | | | 0.01000 | 1 | | | |
| 516.01 | Arsenic, total, Colorimeter (ppm) | 0171 | 0.07100 | 0.00000 | | | 0.00000 | 1 | | | |
| 516.43 | Arsenic, total, ICP, Microwave (ppm) | 0003 | 0.38000 | 0.36000 | | | 0.36000 | 1 | | | |
| 516.52 | Arsenic, total, ICP-MS, Open vessel (ppm) | 0098 | 0.14950 | 0.01900 | 0.18475 | 0.04985 | 0.03950 | 2 | -0.71 | 10% | 0 |
| 516.52 | Arsenic, total, ICP-MS, Open vessel (ppm) | 0154 | 0.22000 | 0.06000 | 0.18475 | 0.04985 | 0.03950 | 2 | 0.71 | 10% | 0 |
| 516.53 | Arsenic, total, ICP-MS, Microwave (ppm) | 0168 | 0.11000 | 0.02000 | 0.12638 | 0.01615 | 0.01325 | 4 | -1.01 | 6% | 0 |
| 516.53 | Arsenic, total, ICP-MS, Microwave (ppm) | 0199 | 0.11500 | 0.01000 | 0.12638 | 0.01615 | 0.01325 | 4 | -0.70 | 5% | 0 |
| 516.53 | Arsenic, total, ICP-MS, Microwave (ppm) | 0227 | 0.14000 | 0.02000 | 0.12638 | 0.01615 | 0.01325 | 4 | 0.84 | 5% | 0 |
| 516.53 | Arsenic, total, ICP-MS, Microwave (ppm) | 0553 | 0.14050 | 0.00300 | 0.12638 | 0.01615 | 0.01325 | 4 | 0.87 | 6% | 0 |
| 518.31 | Cadmium, AAS, Dry ash (ppm) | 0673 | 0.00000 | 0.00000 | | | 0.00000 | 1 | | | |
| 518.33 | Cadmium, AAS, Microwave (ppm) | 0948 | 0.06500 | 0.01000 | | | 0.01000 | 1 | | | |
| 518.34 | Cadmium, AAS, Graphite furnace (ppm) | 0716 | 0.04350 | 0.00300 | | | 0.00300 | 1 | | | |
| 518.41 | Cadmium, ICP, Dry ash (ppm) | 0619 | 0.03850 | 0.01300 | 0.05638 | 0.01615 | 0.00350 | 4 | -1.11 | 16% | 0 |
| 518.41 | Cadmium, ICP, Dry ash (ppm) | 0968 | 0.05000 | 0.00000 | 0.05638 | 0.01615 | 0.00350 | 4 | -0.39 | 6% | 0 |
| 518.41 | Cadmium, ICP, Dry ash (ppm) | 0171 | 0.06050 | 0.00100 | 0.05638 | 0.01615 | 0.00350 | 4 | 0.26 | 4% | 0 |
| 518.41 | Cadmium, ICP, Dry ash (ppm) | 0011 | 0.07650 | 0.00000 | 0.05638 | 0.01615 | 0.00350 | 4 | 1.25 | 18% | 0 |
| 518.43 | Cadmium, ICP, Microwave (ppm) | 0003 | 0.02000 | 0.04000 | | | 0.04000 | 1 | | | |
| 518.52 | Cadmium, ICP-MS, Open vessel (ppm) | 0098 | 0.06600 | 0.00400 | 0.06600 | 0.00000 | 0.00200 | 2 | 0.00 | 0% | 0 |
| 518.52 | Cadmium, ICP-MS, Open vessel (ppm) | 0154 | 0.06600 | 0.00000 | 0.06600 | 0.00000 | 0.00200 | 2 | 0.00 | 0% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 0912 | 0.06190 | 0.00020 | 0.06822 | 0.00629 | 0.00474 | 7 | -1.00 | 5% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 2055 | 0.06250 | 0.00100 | 0.06822 | 0.00629 | 0.00474 | 7 | -0.91 | 4% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 0168 | 0.06500 | 0.01000 | 0.06822 | 0.00629 | 0.00474 | 7 | -0.51 | 2% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 0227 | 0.06950 | 0.00100 | 0.06822 | 0.00629 | 0.00474 | 7 | 0.20 | 1% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 0199 | 0.07000 | 0.02000 | 0.06822 | 0.00629 | 0.00474 | 7 | 0.28 | 1% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 2034 | 0.07100 | 0.00000 | 0.06822 | 0.00629 | 0.00474 | 7 | 0.44 | 2% | 0 |
| 518.53 | Cadmium, ICP-MS, Microwave (ppm) | 0553 | 0.07820 | 0.00100 | 0.06822 | 0.00629 | 0.00474 | 7 | 1.59 | 7% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|-------------------------------------|----------|----------|---------|---------------|---------|---------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 520.31 | Chromium, AAS, Dry ash (ppm) | 0673 | 5.8000 | 0.00000 | | | 0.00000 | 1 | | | |
| 520.41 | Chromium, ICP, Dry ash (ppm) | 0619 | 3.8750 | 0.15000 | 6.4493 | 2.2295 | 0.30800 | 3 | -1.15 | 20% | 0 |
| 520.41 | Chromium, ICP, Dry ash (ppm) | 0011 | 7.7240 | 0.29400 | 6.4493 | 2.2295 | 0.30800 | 3 | 0.57 | 10% | 0 |
| 520.41 | Chromium, ICP, Dry ash (ppm) | 0171 | 7.7490 | 0.48000 | 6.4493 | 2.2295 | 0.30800 | 3 | 0.58 | 10% | 0 |
| 520.43 | Chromium, ICP, Microwave (ppm) | 0510 | 12.590 | 0.00000 | 14.710 | 3.1747 | 3.3000 | 3 | -0.67 | 7% | 0 |
| 520.43 | Chromium, ICP, Microwave (ppm) | 0425 | 13.180 | 1.1000 | 14.710 | 3.1747 | 3.3000 | 3 | -0.48 | 5% | 0 |
| 520.43 | Chromium, ICP, Microwave (ppm) | 0003 | 18.360 | 8.8000 | 14.710 | 3.1747 | 3.3000 | 3 | 1.15 | 12% | 0 |
| 520.52 | Chromium, ICP-MS, Open vessel (ppm) | 0154 | 4.0850 | 0.13000 | | | 0.13000 | 1 | | | |
| 520.53 | Chromium, ICP-MS, Microwave (ppm) | 0912 | 1.7290 | 0.00200 | 9.4760 | 5.3745 | 1.0630 | 4 | -1.44 | 41% | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (ppm) | 0553 | 9.9750 | 2.2500 | 9.4760 | 5.3745 | 1.0630 | 4 | 0.09 | 3% | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (ppm) | 2034 | 12.850 | 1.1000 | 9.4760 | 5.3745 | 1.0630 | 4 | 0.63 | 18% | 0 |
| 520.53 | Chromium, ICP-MS, Microwave (ppm) | 2023 | 13.350 | 0.90000 | 9.4760 | 5.3745 | 1.0630 | 4 | 0.72 | 20% | 0 |
| 520.99 | Chromium, Miscellaneous (ppm) | 0968 | 15.100 | 0.20000 | | | 0.20000 | 1 | | | |
| 526.31 | Lead, AAS, Dry ash (ppm) | 0673 | 0.00000 | 0.00000 | 0.02175 | 0.03076 | 0.00000 | 2 | -0.71 | 50% | 0 |
| 526.31 | Lead, AAS, Dry ash (ppm) | 0921 | 0.04350 | 0.00000 | 0.02175 | 0.03076 | 0.00000 | 2 | 0.71 | 50% | 0 |
| 526.34 | Lead, AAS, Graphite furnace (ppm) | 0716 | 0.02150 | 0.00100 | | | 0.00100 | 1 | | | |
| 526.41 | Lead, ICP, Dry ash (ppm) | 0619 | 0.00000 | 0.00000 | 0.01250 | 0.01768 | 0.01500 | 2 | -0.71 | 50% | 0 |
| 526.41 | Lead, ICP, Dry ash (ppm) | 0171 | 0.02500 | 0.03000 | 0.01250 | 0.01768 | 0.01500 | 2 | 0.71 | 50% | 0 |
| 526.43 | Lead, ICP, Microwave (ppm) | 0003 | 0.00000 | 0.00000 | | | 0.00000 | 1 | | | |
| 526.52 | Lead, ICP-MS, Open vessel (ppm) | 0098 | 0.12500 | 0.00200 | 0.13075 | 0.00813 | 0.00550 | 2 | -0.71 | 2% | 0 |
| 526.52 | Lead, ICP-MS, Open vessel (ppm) | 0154 | 0.13650 | 0.00900 | 0.13075 | 0.00813 | 0.00550 | 2 | 0.71 | 2% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 0199 | 0.12000 | 0.00000 | 0.13650 | 0.01436 | 0.01000 | 6 | -1.15 | 6% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 0168 | 0.12500 | 0.01000 | 0.13650 | 0.01436 | 0.01000 | 6 | -0.80 | 4% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 2034 | 0.13650 | 0.00500 | 0.13650 | 0.01436 | 0.01000 | 6 | 0.00 | 0% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 0912 | 0.13900 | 0.00200 | 0.13650 | 0.01436 | 0.01000 | 6 | 0.17 | 1% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 0553 | 0.14350 | 0.01300 | 0.13650 | 0.01436 | 0.01000 | 6 | 0.49 | 3% | 0 |
| 526.53 | Lead, ICP-MS, Microwave (ppm) | 0227 | 0.15500 | 0.03000 | 0.13650 | 0.01436 | 0.01000 | 6 | 1.29 | 7% | 0 |
| 529.99 | Mercury, Miscellaneous (ppb) | 0227 | 0.00000 | 0.00000 | 5.3000 | 9.9445 | 0.00000 | 4 | -0.53 | 50% | 0 |
| 529.99 | Mercury, Miscellaneous (ppb) | 0673 | 0.00000 | 0.00000 | 5.3000 | 9.9445 | 0.00000 | 4 | -0.53 | 50% | 0 |
| 529.99 | Mercury, Miscellaneous (ppb) | 0716 | 1.0000 | 0.00000 | 5.3000 | 9.9445 | 0.00000 | 4 | -0.43 | 41% | 0 |
| 529.99 | Mercury, Miscellaneous (ppb) | 0171 | 20.200 | 0.00000 | 5.3000 | 9.9445 | 0.00000 | 4 | 1.50 | 141% | 0 |
| 539.31 | Nickel, AAS, Dry ash (ppm) | 0670 | 5.0150 | 0.03000 | 5.9075 | 1.2622 | 0.01500 | 2 | -0.71 | 8% | 0 |
| 539.31 | Nickel, AAS, Dry ash (ppm) | 0673 | 6.8000 | 0.00000 | 5.9075 | 1.2622 | 0.01500 | 2 | 0.71 | 8% | 0 |
| 539.41 | Nickel, ICP, Dry ash (ppm) | 0011 | 5.7660 | 0.09500 | | | 0.09500 | 1 | | | |
| 539.43 | Nickel, ICP, Microwave (ppm) | 0425 | 7.6250 | 1.2900 | 9.6325 | 2.8390 | 3.3250 | 2 | -0.71 | 10% | 0 |
| 539.43 | Nickel, ICP, Microwave (ppm) | 0003 | 11.640 | 5.3600 | 9.6325 | 2.8390 | 3.3250 | 2 | 0.71 | 10% | 0 |
| 539.52 | Nickel, ICP-MS, Open vessel (ppm) | 0154 | 2.4250 | 0.03000 | | | 0.03000 | 1 | | | |
| 539.53 | Nickel, ICP-MS, Microwave (ppm) | 0941 | 1.8200 | 0.08000 | 5.4230 | 3.2567 | 0.61400 | 5 | -1.11 | 33% | 0 |
| 539.53 | Nickel, ICP-MS, Microwave (ppm) | 0912 | 2.2050 | 0.01000 | 5.4230 | 3.2567 | 0.61400 | 5 | -0.99 | 30% | 0 |
| 539.53 | Nickel, ICP-MS, Microwave (ppm) | 0553 | 6.3750 | 0.99000 | 5.4230 | 3.2567 | 0.61400 | 5 | 0.29 | 9% | 0 |
| 539.53 | Nickel, ICP-MS, Microwave (ppm) | 2023 | 7.6650 | 0.29000 | 5.4230 | 3.2567 | 0.61400 | 5 | 0.69 | 21% | 0 |
| 539.53 | Nickel, ICP-MS, Microwave (ppm) | 2034 | 9.0500 | 1.7000 | 5.4230 | 3.2567 | 0.61400 | 5 | 1.11 | 33% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------------------------|----------|----------|---------|---------------|--------|-------|--------|---------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 600.01 | Total Aflatoxin, Neogen Veratox Aflatoxin (ppb) | 0003 | 0.00000 | 0.00000 | | | | | | | |
| 600.01 | Total Aflatoxin, Neogen Veratox Aflatoxin (ppb) | 0227 | 0.00000 | 0.00000 | | | | | | | |
| 600.01 | Total Aflatoxin, Neogen Veratox Aflatoxin (ppb) | 0689 | 0.55000 | 0.30000 | | | | | | | |
| 600.01 | Total Aflatoxin, Neogen Veratox Aflatoxin (ppb) | 0723 | 1.8700 | 0.02000 | | | | | | | |
| 600.03 | Total Aflatoxin, Charm ROSA Fast Aflatoxin Quan | 0589 | 2.5000 | 1.0000 | | | | | | | |
| 600.08 | Total Aflatoxin, Romer AgraQuant Total Aflatoxin | 0653 | 3.6000 | 1.6000 | | | | | | | |
| 600.13 | Total Aflatoxin, r-Biopharm Ridascreen FAST Aflai | 0035 | 4.1550 | 2.0100 | | | | | | | |
| 600.14 | Total Aflatoxin, Vicam Aflatest (ppb) | 0505 | 1.1000 | 0.00000 | | | | | | | |
| 600.20 | Total Aflatoxin, LC (ppb) | 0042 | 0.00000 | 0.00000 | | | | | | | |
| 600.20 | Total Aflatoxin, LC (ppb) | 0035 | 1.5000 | 0.04800 | | | | | | | |
| 600.98 | Total Aflatoxin, Other Rapid Test Kit (ppb) | 0673 | 0.00000 | 0.00000 | | | | | | | |
| 600.98 | Total Aflatoxin, Other Rapid Test Kit (ppb) | 0880 | 5.2500 | 2.7000 | | | | | | | |
| 601.20 | AB1, LC (ppb) | 0629 | 0.00000 | 0.00000 | | | | | | | |
| 601.20 | AB1, LC (ppb) | 0596 | 0.00460 | 0.00000 | | | | | | | |
| 601.23 | AB1, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 602.20 | AB2, LC (ppb) | 0629 | 1.9000 | 0.00000 | | | | | | | |
| 602.23 | AB2, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 603.20 | AG1, LC (ppb) | 0629 | 0.00000 | 0.00000 | | | | | | | |
| 603.23 | AG1, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 604.20 | AG2, LC (ppb) | 0629 | 0.00000 | 0.00000 | | | | | | | |
| 604.23 | AG2, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 610.01 | Deoxynivalenol, Neogen Veratox for DON (ppb) | 0003 | 1.5000 | 0.20000 | | | | | | | |
| 610.01 | Deoxynivalenol, Neogen Veratox for DON (ppb) | 0689 | 1,370.0 | 40.000 | | | | | | | |
| 610.01 | Deoxynivalenol, Neogen Veratox for DON (ppb) | 0263 | 1,538.5 | 69.000 | | | | | | | |
| 610.05 | Deoxynivalenol, Romer AgraQuant DON (ppb) | 0653 | 1,180.0 | 100.00 | | | | | | | |
| 610.08 | Deoxynivalenol, r-Biopharm Ridascreen FAST DO | 0035 | 0.00150 | 0.00040 | | | | | | | |
| 610.23 | Deoxynivalenol, LC-MS/MS (ppb) | 0553 | 405.90 | 0.00000 | | | | | | | |
| 610.23 | Deoxynivalenol, LC-MS/MS (ppb) | 2055 | 1,550.0 | 100.00 | | | | | | | |
| 610.25 | Deoxynivalenol, GC-MS (ppb) | 0218 | 1,295.0 | 0.00000 | | | | | | | |
| 620.01 | Total Fumonisin, Neogen Veratox for Fumonisin (f | 0227 | 250.00 | 100.00 | | | | | | | |
| 620.04 | Total Fumonisin, Charm ROSA Fast 5 FUMQ (ppt | 0589 | 550.00 | 0.00000 | | | | | | | |
| 620.09 | Total Fumonisin, r-Biopharm Ridascreen Fast Fun | 0035 | 0.00045 | 0.00030 | | | | | | | |
| 621.23 | FB1, LC-MS/MS (ppb) | 0553 | 234.16 | 0.00000 | | | | | | | |
| 621.23 | FB1, LC-MS/MS (ppb) | 2055 | 650.00 | 1,300.0 | | | | | | | |
| 622.23 | FB2, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 623.23 | FB3, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 630.01 | Ochratoxin A, Neogen Veratox for Ochratoxin (ppt | 0227 | 0.00000 | 0.00000 | | | | | | | |
| 630.03 | Ochratoxin A, Romer AgraQuant Ochratoxin (ppb) | 0653 | 3.9000 | 0.20000 | | | | | | | |
| 630.06 | Ochratoxin A, Vicam OchraTest (ppb) | 0848 | 4.3000 | 1.2000 | | | | | | | |
| 630.20 | Ochratoxin A, LC (ppb) | 0596 | 0.00370 | 0.00000 | | | | | | | |
| 630.20 | Ochratoxin A, LC (ppb) | 0218 | 1.6500 | 0.00000 | | | | | | | |
| 630.23 | Ochratoxin A, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCO CS Z Score | Threshold %RSD | Flag |
|-------------|-----------------------------------------------|----------|----------|---------|---------------|--------|-------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 640.01 | T-2, Neogen Veratox T-2 / HT-2 (ppb) | 0227 | 95.500 | 45.000 | | | | | | | |
| 640.23 | T-2, LC-MS/MS (ppb) | 0553 | 0.00000 | 0.00000 | | | | | | | |
| 650.01 | Zearalenone, Neogen Veratox Zearalenone (ppb) | 0227 | 135.00 | 8.0000 | | | | | | | |
| 650.01 | Zearalenone, Neogen Veratox Zearalenone (ppb) | 0689 | 188.00 | 14.000 | | | | | | | |
| 650.04 | Zearalenone, Romer AgraQuant ZON (ppb) | 0653 | 117.00 | 1.2000 | | | | | | | |
| 650.07 | Zearalenone, r-Biopharm Ridascreen FAST Zeara | 0035 | 103.84 | 14.202 | | | | | | | |
| 650.21 | Zearalenone, LC-FI, ISO (ppb) | 0218 | 163.70 | 0.00000 | | | | | | | |
| 650.23 | Zearalenone, LC-MS (ppb) | 0553 | 18.140 | 0.00000 | | | | | | | |