

AAFCO Check Sample Program
All Labs and All Methods Report
Sort by Method
Proficiency For Individual Methods
Sample # 201121
Pig Grower Pellet, Medicated



AAFCO
 Association of American Feed Control Officials

| 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 | | | |
| 000.01 | Urea, NPN, Urea + Am, Urease Method (PCT) | 0278 | 0.40000 | 0.00000 | | | 0.00000 | 1 | | | |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0784 | 9.5500 | 0.12000 | 10.160 | 0.42657 | 0.05129 | 7 | -1.43 | 3% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0722 | 9.8724 | 0.01900 | 10.160 | 0.42657 | 0.05129 | 7 | -0.68 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0844 | 10.115 | 0.13000 | 10.160 | 0.42657 | 0.05129 | 7 | -0.11 | 0% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0309 | 10.165 | 0.01000 | 10.160 | 0.42657 | 0.05129 | 7 | 0.01 | 0% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0029 | 10.265 | 0.05000 | 10.160 | 0.42657 | 0.05129 | 7 | 0.25 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0509 | 10.450 | 0.00000 | 10.160 | 0.42657 | 0.05129 | 7 | 0.68 | 1% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0169 | 10.705 | 0.03000 | 10.160 | 0.42657 | 0.05129 | 7 | 1.28 | 3% | 0 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0504 | 10.615 | 0.59000 | 10.160 | 0.42657 | 0.05129 | 7 | 1.07 | 2% | 1 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0785 | 9.6050 | 0.05000 | 10.160 | 0.42657 | 0.05129 | 7 | -1.30 | 3% | 8 |
| 001.00 | Loss on Drying, Vac 95 deg 5 hr (PCT) | 0783 | 9.6100 | 0.18000 | 10.160 | 0.42657 | 0.05129 | 7 | -1.29 | 3% | 8 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0686 | 10.165 | 0.13000 | 10.531 | 0.20695 | 0.04250 | 8 | -1.77 | 2% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0567 | 10.400 | 0.00000 | 10.531 | 0.20695 | 0.04250 | 8 | -0.63 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0895 | 10.455 | 0.01000 | 10.531 | 0.20695 | 0.04250 | 8 | -0.37 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0898 | 10.465 | 0.03000 | 10.531 | 0.20695 | 0.04250 | 8 | -0.32 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0878 | 10.550 | 0.10000 | 10.531 | 0.20695 | 0.04250 | 8 | 0.09 | 0% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0868 | 10.675 | 0.03000 | 10.531 | 0.20695 | 0.04250 | 8 | 0.70 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0894 | 10.720 | 0.00000 | 10.531 | 0.20695 | 0.04250 | 8 | 0.91 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0886 | 10.760 | 0.04000 | 10.531 | 0.20695 | 0.04250 | 8 | 1.11 | 1% | 0 |
| 001.03 | Loss on Drying, Low temp. methods (PCT) | 0727 | 9.7050 | 0.41000 | 10.531 | 0.20695 | 0.04250 | 8 | -3.99 | 4% | 1 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0618 | 8.9150 | 0.01000 | 10.483 | 0.24591 | 0.10171 | 37 | -6.37 | 7% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0074 | 9.5800 | 0.54000 | 10.483 | 0.24591 | 0.10171 | 37 | -3.67 | 4% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0845 | 9.8500 | 0.02000 | 10.483 | 0.24591 | 0.10171 | 37 | -2.57 | 3% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0038 | 10.075 | 0.09000 | 10.483 | 0.24591 | 0.10171 | 37 | -1.66 | 2% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0278 | 10.145 | 0.21000 | 10.483 | 0.24591 | 0.10171 | 37 | -1.37 | 2% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0297 | 10.195 | 0.43000 | 10.483 | 0.24591 | 0.10171 | 37 | -1.17 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0609 | 10.200 | 0.20000 | 10.483 | 0.24591 | 0.10171 | 37 | -1.15 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0065 | 10.322 | 0.00330 | 10.483 | 0.24591 | 0.10171 | 37 | -0.65 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0083 | 10.325 | 0.05000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.64 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0015 | 10.345 | 0.05000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.56 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0178 | 10.345 | 0.05000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.56 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0171 | 10.350 | 0.06000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.54 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0307 | 10.400 | 0.40000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.34 | 0% | 0 |

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| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0049 | 10.415 | 0.09000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.27 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0695 | 10.435 | 0.01000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.19 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0413 | 10.450 | 0.10000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.13 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0689 | 10.450 | 0.10000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.13 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0187 | 10.460 | 0.12000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.09 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0669 | 10.475 | 0.09000 | 10.483 | 0.24591 | 0.10171 | 37 | -0.03 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0849 | 10.495 | 0.07000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.05 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0571 | 10.515 | 0.03000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.13 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0139 | 10.525 | 0.01000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.17 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0089 | 10.570 | 0.00000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.36 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0550 | 10.585 | 0.01000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.42 | 0% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0353 | 10.610 | 0.00000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.52 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0592 | 10.615 | 0.01000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.54 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0581 | 10.640 | 0.06000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.64 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0199 | 10.645 | 0.03000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.66 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0035 | 10.670 | 0.04000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.76 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0675 | 10.700 | 0.04000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.88 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0559 | 10.710 | 0.04000 | 10.483 | 0.24591 | 0.10171 | 37 | 0.92 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0872 | 10.730 | 0.08000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.01 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0098 | 10.750 | 0.00000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.09 | 1% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0045 | 10.800 | 0.00000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.29 | 2% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0843 | 10.830 | 0.32000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.41 | 2% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0142 | 10.950 | 0.30000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.90 | 2% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0848 | 11.330 | 0.10000 | 10.483 | 0.24591 | 0.10171 | 37 | 3.45 | 4% | 0 |
| 001.07 | Loss on Drying, 104 deg 3 hr, in malt (PCT) | 0366 | 10.950 | 0.90000 | 10.483 | 0.24591 | 0.10171 | 37 | 1.90 | 2% | 1 |
| 001.08 | Loss on Drying, 102 deg 16 hr, in meat (PCT) | 0590 | 10.360 | 0.02000 | | | 0.02000 | 1 | | | |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0536 | 6.4900 | 0.04000 | 10.425 | 0.42542 | 0.09562 | 17 | -9.25 | 19% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0615 | 9.3300 | 0.22000 | 10.425 | 0.42542 | 0.09562 | 17 | -2.57 | 5% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0720 | 9.8300 | 0.00000 | 10.425 | 0.42542 | 0.09562 | 17 | -1.40 | 3% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0676 | 10.128 | 0.05550 | 10.425 | 0.42542 | 0.09562 | 17 | -0.70 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0574 | 10.235 | 0.07000 | 10.425 | 0.42542 | 0.09562 | 17 | -0.45 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0853 | 10.270 | 0.26000 | 10.425 | 0.42542 | 0.09562 | 17 | -0.36 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0630 | 10.365 | 0.05000 | 10.425 | 0.42542 | 0.09562 | 17 | -0.14 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0629 | 10.410 | 0.00000 | 10.425 | 0.42542 | 0.09562 | 17 | -0.04 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0616 | 10.415 | 0.03000 | 10.425 | 0.42542 | 0.09562 | 17 | -0.02 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0505 | 10.440 | 0.12000 | 10.425 | 0.42542 | 0.09562 | 17 | 0.03 | 0% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0510 | 10.600 | 0.00000 | 10.425 | 0.42542 | 0.09562 | 17 | 0.41 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0357 | 10.610 | 0.00000 | 10.425 | 0.42542 | 0.09562 | 17 | 0.43 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0037 | 10.675 | 0.05000 | 10.425 | 0.42542 | 0.09562 | 17 | 0.59 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0884 | 10.700 | 0.06000 | 10.425 | 0.42542 | 0.09562 | 17 | 0.65 | 1% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0681 | 10.885 | 0.23000 | 10.425 | 0.42542 | 0.09562 | 17 | 1.08 | 2% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0733 | 11.000 | 0.00000 | 10.425 | 0.42542 | 0.09562 | 17 | 1.35 | 3% | 0 |

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|-------------|--------------------------------------|----------|----------|---------|---------------|---------|---------|--------|------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0021 | 11.030 | 0.44000 | 10.425 | 0.42542 | 0.09562 | 17 | 1.42 | 3% | 0 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0889 | 42.565 | 69.990 | 10.425 | 0.42542 | 0.09562 | 17 | 75.55 | 154% | 2 |
| 001.99 | Loss on Drying, Miscellaneous (PCT) | 0732 | 11.140 | 0.04000 | 10.425 | 0.42542 | 0.09562 | 17 | 1.68 | 3% | 8 |
| 002.00 | Protein, Crude (PCT) | 0864 | 16.305 | 0.37000 | 16.989 | 0.58369 | 0.34167 | 6 | -1.17 | 2% | 0 |
| 002.00 | Protein, Crude (PCT) | 0826 | 16.585 | 0.41000 | 16.989 | 0.58369 | 0.34167 | 6 | -0.69 | 1% | 0 |
| 002.00 | Protein, Crude (PCT) | 0706 | 16.875 | 0.09000 | 16.989 | 0.58369 | 0.34167 | 6 | -0.20 | 0% | 0 |
| 002.00 | Protein, Crude (PCT) | 0015 | 17.040 | 0.04000 | 16.989 | 0.58369 | 0.34167 | 6 | 0.09 | 0% | 0 |
| 002.00 | Protein, Crude (PCT) | 0845 | 17.480 | 1.0400 | 16.989 | 0.58369 | 0.34167 | 6 | 0.84 | 1% | 0 |
| 002.00 | Protein, Crude (PCT) | 0032 | 17.650 | 0.10000 | 16.989 | 0.58369 | 0.34167 | 6 | 1.13 | 2% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0121 | 16.405 | 0.07000 | 16.648 | 0.18391 | 0.07620 | 11 | -1.32 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0848 | 16.515 | 0.25000 | 16.648 | 0.18391 | 0.07620 | 11 | -0.72 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0350 | 16.516 | 0.01500 | 16.648 | 0.18391 | 0.07620 | 11 | -0.72 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0653 | 16.525 | 0.05000 | 16.648 | 0.18391 | 0.07620 | 11 | -0.67 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0723 | 16.535 | 0.01000 | 16.648 | 0.18391 | 0.07620 | 11 | -0.61 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0716 | 16.635 | 0.05000 | 16.648 | 0.18391 | 0.07620 | 11 | -0.07 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0652 | 16.700 | 0.00000 | 16.648 | 0.18391 | 0.07620 | 11 | 0.29 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0062 | 16.761 | 0.08500 | 16.648 | 0.18391 | 0.07620 | 11 | 0.61 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0860 | 16.765 | 0.02820 | 16.648 | 0.18391 | 0.07620 | 11 | 0.64 | 0% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0043 | 16.865 | 0.11000 | 16.648 | 0.18391 | 0.07620 | 11 | 1.18 | 1% | 0 |
| 002.01 | Protein, Auto Kjel-Foss (PCT) | 0098 | 16.995 | 0.17000 | 16.648 | 0.18391 | 0.07620 | 11 | 1.89 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0036 | 16.390 | 0.00490 | 16.758 | 0.40442 | 0.14561 | 8 | -0.91 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0042 | 16.425 | 0.13000 | 16.758 | 0.40442 | 0.14561 | 8 | -0.82 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0169 | 16.460 | 0.10000 | 16.758 | 0.40442 | 0.14561 | 8 | -0.74 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0043 | 16.515 | 0.29000 | 16.758 | 0.40442 | 0.14561 | 8 | -0.60 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0669 | 16.870 | 0.08000 | 16.758 | 0.40442 | 0.14561 | 8 | 0.28 | 0% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0152 | 16.950 | 0.10000 | 16.758 | 0.40442 | 0.14561 | 8 | 0.47 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0685 | 17.180 | 0.06000 | 16.758 | 0.40442 | 0.14561 | 8 | 1.04 | 1% | 0 |
| 002.02 | Protein, Semiauto Autoanalyzer (PCT) | 0307 | 17.300 | 0.40000 | 16.758 | 0.40442 | 0.14561 | 8 | 1.34 | 2% | 0 |
| 002.03 | Protein, Hatch Method (PCT) | 0536 | 16.585 | 0.23000 | | | 0.23000 | 1 | | | |
| 002.04 | Protein, Copper Cat (PCT) | 0728 | 16.345 | 0.59000 | 16.822 | 0.42791 | 0.19333 | 6 | -1.11 | 1% | 0 |
| 002.04 | Protein, Copper Cat (PCT) | 0874 | 16.535 | 0.23000 | 16.822 | 0.42791 | 0.19333 | 6 | -0.67 | 1% | 0 |
| 002.04 | Protein, Copper Cat (PCT) | 0504 | 16.700 | 0.12000 | 16.822 | 0.42791 | 0.19333 | 6 | -0.28 | 0% | 0 |
| 002.04 | Protein, Copper Cat (PCT) | 0405 | 16.850 | 0.16000 | 16.822 | 0.42791 | 0.19333 | 6 | 0.07 | 0% | 0 |
| 002.04 | Protein, Copper Cat (PCT) | 0509 | 17.150 | 0.00000 | 16.822 | 0.42791 | 0.19333 | 6 | 0.77 | 1% | 0 |
| 002.04 | Protein, Copper Cat (PCT) | 0187 | 17.350 | 0.06000 | 16.822 | 0.42791 | 0.19333 | 6 | 1.23 | 2% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0689 | 16.250 | 0.30000 | 16.682 | 0.16761 | 0.07802 | 31 | -2.58 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0878 | 16.450 | 0.10000 | 16.682 | 0.16761 | 0.07802 | 31 | -1.38 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0596 | 16.500 | 0.00000 | 16.682 | 0.16761 | 0.07802 | 31 | -1.09 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0552 | 16.510 | 0.04000 | 16.682 | 0.16761 | 0.07802 | 31 | -1.03 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0847 | 16.515 | 0.10510 | 16.682 | 0.16761 | 0.07802 | 31 | -1.00 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0722 | 16.537 | 0.00220 | 16.682 | 0.16761 | 0.07802 | 31 | -0.86 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0897 | 16.550 | 0.10000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.79 | 0% | 0 |

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| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0886 | 16.565 | 0.09000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.70 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0354 | 16.570 | 0.02000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.67 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0898 | 16.590 | 0.02000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.55 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0849 | 16.595 | 0.01000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.52 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0620 | 16.609 | 0.02930 | 16.682 | 0.16761 | 0.07802 | 31 | -0.44 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0887 | 16.620 | 0.02000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.37 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0891 | 16.637 | 0.01340 | 16.682 | 0.16761 | 0.07802 | 31 | -0.27 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0870 | 16.660 | 0.02000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.13 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0868 | 16.665 | 0.03000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.10 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0892 | 16.670 | 0.04000 | 16.682 | 0.16761 | 0.07802 | 31 | -0.07 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0894 | 16.700 | 0.06000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.11 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0199 | 16.710 | 0.08000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.17 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0895 | 16.715 | 0.01000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.20 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0893 | 16.740 | 0.04000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.35 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0903 | 16.745 | 0.05000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.38 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0674 | 16.810 | 0.46000 | 16.682 | 0.16761 | 0.07802 | 31 | 0.76 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0658 | 16.811 | 0.25630 | 16.682 | 0.16761 | 0.07802 | 31 | 0.77 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0623 | 16.834 | 0.16420 | 16.682 | 0.16761 | 0.07802 | 31 | 0.91 | 0% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0901 | 16.870 | 0.02000 | 16.682 | 0.16761 | 0.07802 | 31 | 1.12 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0178 | 16.875 | 0.05000 | 16.682 | 0.16761 | 0.07802 | 31 | 1.15 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0305 | 16.895 | 0.21000 | 16.682 | 0.16761 | 0.07802 | 31 | 1.27 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0194 | 16.925 | 0.03000 | 16.682 | 0.16761 | 0.07802 | 31 | 1.45 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0651 | 16.954 | 0.04800 | 16.682 | 0.16761 | 0.07802 | 31 | 1.62 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0622 | 17.146 | 0.00000 | 16.682 | 0.16761 | 0.07802 | 31 | 2.77 | 1% | 0 |
| 002.05 | Protein, Copper, Boric Acid (PCT) | 0879 | 17.850 | 1.9400 | 16.682 | 0.16761 | 0.07802 | 31 | 6.97 | 4% | 1 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0047 | 15.830 | 0.18000 | 16.846 | 0.26149 | 0.13670 | 135 | -3.89 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0539 | 15.955 | 0.13000 | 16.846 | 0.26149 | 0.13670 | 135 | -3.41 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0045 | 16.200 | 0.40000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.47 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0142 | 16.200 | 0.40000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.47 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0021 | 16.290 | 0.44000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.13 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0108 | 16.300 | 0.76000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.09 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0720 | 16.300 | 0.18000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.09 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0148 | 16.315 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.03 | 2% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0674 | 16.345 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.92 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0051 | 16.430 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.59 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0089 | 16.455 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.49 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0559 | 16.455 | 0.23000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.49 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0242 | 16.500 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.32 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0083 | 16.505 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.30 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0762 | 16.515 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.27 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0616 | 16.540 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.17 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0014 | 16.550 | 0.30000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.13 | 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 (PCT) | 0039 | 16.556 | 0.10900 | 16.846 | 0.26149 | 0.13670 | 135 | -1.11 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0009 | 16.565 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.07 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0229 | 16.585 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.00 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0160 | 16.597 | 0.15900 | 16.846 | 0.26149 | 0.13670 | 135 | -0.95 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0278 | 16.600 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.94 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0357 | 16.630 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.83 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0199 | 16.640 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.79 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0589 | 16.640 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.79 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0695 | 16.645 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.77 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0615 | 16.645 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.77 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0139 | 16.650 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.75 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0042 | 16.655 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.73 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0037 | 16.665 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.69 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0096 | 16.665 | 0.23000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.69 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0598 | 16.665 | 0.17000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.69 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0164 | 16.680 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0749 | 16.680 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0123 | 16.695 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.58 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0770 | 16.695 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.58 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0366 | 16.700 | 0.40000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.56 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0175 | 16.700 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.56 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0208 | 16.700 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.56 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0226 | 16.700 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.56 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0784 | 16.705 | 0.23000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.54 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0033 | 16.710 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.52 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0100 | 16.710 | 0.30000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.52 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0520 | 16.710 | 0.44000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.52 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0712 | 16.715 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.50 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0505 | 16.725 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.46 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0686 | 16.730 | 0.28000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.44 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0866 | 16.735 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.42 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0726 | 16.746 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.38 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0098 | 16.750 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.37 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0504 | 16.755 | 0.09500 | 16.846 | 0.26149 | 0.13670 | 135 | -0.35 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0006 | 16.756 | 0.02900 | 16.846 | 0.26149 | 0.13670 | 135 | -0.35 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0027 | 16.760 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.33 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0354 | 16.765 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.31 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0814 | 16.775 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.27 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0676 | 16.778 | 0.11870 | 16.846 | 0.26149 | 0.13670 | 135 | -0.26 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0843 | 16.780 | 0.16000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.25 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0508 | 16.785 | 0.24100 | 16.846 | 0.26149 | 0.13670 | 135 | -0.23 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0353 | 16.785 | 0.15000 | 16.846 | 0.26149 | 0.13670 | 135 | -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 | | | |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0417 | 16.785 | 0.13000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.23 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0650 | 16.790 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0049 | 16.800 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0298 | 16.800 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0567 | 16.800 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0673 | 16.800 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0592 | 16.820 | 0.22000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.10 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0861 | 16.830 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.06 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0300 | 16.834 | 0.04500 | 16.846 | 0.26149 | 0.13670 | 135 | -0.05 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0144 | 16.845 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.00 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0358 | 16.845 | 0.47000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.00 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0868 | 16.845 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.00 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0294 | 16.850 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.02 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0571 | 16.850 | 0.01200 | 16.846 | 0.26149 | 0.13670 | 135 | 0.02 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0121 | 16.860 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.05 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0205 | 16.865 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.07 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0202 | 16.870 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.09 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0872 | 16.873 | 0.18600 | 16.846 | 0.26149 | 0.13670 | 135 | 0.10 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0029 | 16.875 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.11 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0512 | 16.880 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.13 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0035 | 16.890 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.17 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0660 | 16.890 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.17 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0425 | 16.895 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.19 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0032 | 16.900 | 0.40000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0413 | 16.900 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0743 | 16.900 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.21 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0019 | 16.920 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.28 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0541 | 16.935 | 0.25000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.34 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0510 | 16.950 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.40 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0630 | 16.950 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.40 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0808 | 16.965 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.46 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0609 | 16.970 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.47 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0884 | 16.975 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.49 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0529 | 16.980 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.51 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0573 | 16.980 | 0.24000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.51 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0733 | 16.980 | 0.14000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.51 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0038 | 16.990 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.55 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0171 | 17.000 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.59 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0823 | 17.000 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.59 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0546 | 17.010 | 0.20900 | 16.846 | 0.26149 | 0.13670 | 135 | 0.63 | 0% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0628 | 17.030 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.70 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0782 | 17.035 | 0.45000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.72 | 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 (PCT) | 0013 | 17.040 | 0.28000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.74 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0800 | 17.045 | 0.15000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.76 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0010 | 17.050 | 0.30000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.78 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0265 | 17.050 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.78 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0618 | 17.056 | 0.17300 | 16.846 | 0.26149 | 0.13670 | 135 | 0.80 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0011 | 17.060 | 0.78000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.82 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0036 | 17.080 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.90 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0233 | 17.080 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.90 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0682 | 17.085 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.91 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0829 | 17.100 | 0.24000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.97 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0774 | 17.125 | 0.29000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.07 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0065 | 17.132 | 0.00300 | 16.846 | 0.26149 | 0.13670 | 135 | 1.09 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0550 | 17.140 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.12 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0626 | 17.157 | 0.12400 | 16.846 | 0.26149 | 0.13670 | 135 | 1.19 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0737 | 17.160 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.20 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0407 | 17.170 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.24 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0001 | 17.175 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.26 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0670 | 17.190 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.32 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0003 | 17.195 | 0.75000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.34 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0016 | 17.200 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.35 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0590 | 17.200 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.35 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0574 | 17.210 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.39 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0074 | 17.230 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.47 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0132 | 17.230 | 0.14000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.47 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0190 | 17.240 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.51 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0837 | 17.265 | 0.19000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.60 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0553 | 17.275 | 0.25100 | 16.846 | 0.26149 | 0.13670 | 135 | 1.64 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0043 | 17.275 | 0.27000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.64 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0511 | 17.320 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.81 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0026 | 17.335 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.87 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0119 | 17.365 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.99 | 1% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0168 | 17.780 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 3.57 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0736 | 17.870 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 3.92 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0692 | 17.900 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 4.03 | 3% | 0 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0880 | 18.450 | 2.9000 | 16.846 | 0.26149 | 0.13670 | 135 | 6.13 | 5% | 1 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0853 | 24.200 | 0.22000 | 16.846 | 0.26149 | 0.13670 | 135 | 28.12 | 22% | 2 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0751 | 16.230 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | -2.36 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0778 | 16.330 | 0.56000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.97 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0752 | 16.340 | 0.24000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.93 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0815 | 16.350 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.90 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0750 | 16.455 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.49 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0813 | 16.515 | 0.15000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.27 | 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 (PCT) | 0755 | 16.585 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | -1.00 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0754 | 16.595 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.96 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0763 | 16.595 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.96 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0756 | 16.600 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.94 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0758 | 16.685 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.62 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0783 | 16.710 | 0.18000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.52 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0761 | 16.715 | 0.27000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.50 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0834 | 16.730 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.44 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0747 | 16.735 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.42 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0753 | 16.740 | 0.26000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.41 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0741 | 16.755 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.35 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0785 | 16.775 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.27 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0764 | 16.800 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0765 | 16.800 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0818 | 16.800 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.18 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0817 | 16.805 | 0.13000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.16 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0775 | 16.810 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.14 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0801 | 16.840 | 0.18000 | 16.846 | 0.26149 | 0.13670 | 135 | -0.02 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0816 | 16.850 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.02 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0835 | 16.864 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.07 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0809 | 16.870 | 0.08000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.09 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0822 | 16.870 | 0.16000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.09 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0772 | 16.880 | 0.20000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.13 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0811 | 16.885 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.15 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0746 | 16.915 | 0.13000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.26 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0794 | 16.920 | 0.14000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.28 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0745 | 16.925 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.30 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0807 | 16.930 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.32 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0781 | 16.935 | 0.27000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.34 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0742 | 16.940 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.36 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0740 | 16.955 | 0.29000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.42 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0735 | 16.985 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.53 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0744 | 16.995 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.57 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0824 | 17.000 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.59 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0836 | 17.000 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.59 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0828 | 17.010 | 0.06000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.63 | 0% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0796 | 17.015 | 0.11000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.65 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0793 | 17.030 | 0.04000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.70 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0767 | 17.035 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.72 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0732 | 17.040 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.74 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0825 | 17.050 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.78 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0769 | 17.055 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.80 | 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 (PCT) | 0771 | 17.065 | 0.03000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.84 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0791 | 17.080 | 0.14000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.90 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0795 | 17.095 | 0.07000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.95 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0830 | 17.095 | 0.09000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.95 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0768 | 17.100 | 0.00000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.97 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0810 | 17.105 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | 0.99 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0792 | 17.120 | 0.66000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.05 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0821 | 17.125 | 0.05000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.07 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0757 | 17.130 | 0.02000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.09 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0748 | 17.135 | 0.21000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.11 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0738 | 17.195 | 0.13000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.34 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0776 | 17.215 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.41 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0806 | 17.225 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.45 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0798 | 17.245 | 0.27000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.53 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0760 | 17.260 | 0.12000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.58 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0789 | 17.335 | 0.01000 | 16.846 | 0.26149 | 0.13670 | 135 | 1.87 | 1% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0797 | 17.375 | 0.29000 | 16.846 | 0.26149 | 0.13670 | 135 | 2.02 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0804 | 17.400 | 0.10000 | 16.846 | 0.26149 | 0.13670 | 135 | 2.12 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0819 | 17.415 | 0.63000 | 16.846 | 0.26149 | 0.13670 | 135 | 2.18 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0739 | 17.480 | 0.54000 | 16.846 | 0.26149 | 0.13670 | 135 | 2.42 | 2% | 8 |
| 002.06 | Protein, Combustion Nitrogen Analyzer (PCT) | 0734 | 17.550 | 0.54000 | 16.846 | 0.26149 | 0.13670 | 135 | 2.69 | 2% | 8 |
| 002.08 | Protein, Cu/Ti (PCT) | 0309 | 16.345 | 0.35000 | | | 0.35000 | 1 | | | |
| 002.10 | Protein, Block dig/distillation (PCT) | 0613 | 16.150 | 0.40000 | 16.661 | 0.40954 | 0.18487 | 7 | -1.25 | 2% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0160 | 16.157 | 0.06300 | 16.661 | 0.40954 | 0.18487 | 7 | -1.23 | 2% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0675 | 16.585 | 0.03000 | 16.661 | 0.40954 | 0.18487 | 7 | -0.19 | 0% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0546 | 16.717 | 0.11110 | 16.661 | 0.40954 | 0.18487 | 7 | 0.14 | 0% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0861 | 16.730 | 0.00000 | 16.661 | 0.40954 | 0.18487 | 7 | 0.17 | 0% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0629 | 16.940 | 0.24000 | 16.661 | 0.40954 | 0.18487 | 7 | 0.68 | 1% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0631 | 17.765 | 0.45000 | 16.661 | 0.40954 | 0.18487 | 7 | 2.70 | 3% | 0 |
| 002.10 | Protein, Block dig/distillation (PCT) | 0727 | 17.745 | 1.3300 | 16.661 | 0.40954 | 0.18487 | 7 | 2.65 | 3% | 1 |
| 002.11 | Protein, NIR (PCT) | 0889 | 15.825 | 0.09000 | 16.918 | 0.59002 | 0.07800 | 10 | -1.85 | 3% | 0 |
| 002.11 | Protein, NIR (PCT) | 0553 | 16.380 | 0.10000 | 16.918 | 0.59002 | 0.07800 | 10 | -0.91 | 2% | 0 |
| 002.11 | Protein, NIR (PCT) | 0665 | 16.545 | 0.03000 | 16.918 | 0.59002 | 0.07800 | 10 | -0.63 | 1% | 0 |
| 002.11 | Protein, NIR (PCT) | 0011 | 16.550 | 0.22000 | 16.918 | 0.59002 | 0.07800 | 10 | -0.62 | 1% | 0 |
| 002.11 | Protein, NIR (PCT) | 0631 | 17.030 | 0.22000 | 16.918 | 0.59002 | 0.07800 | 10 | 0.19 | 0% | 0 |
| 002.11 | Protein, NIR (PCT) | 0628 | 17.045 | 0.05000 | 16.918 | 0.59002 | 0.07800 | 10 | 0.22 | 0% | 0 |
| 002.11 | Protein, NIR (PCT) | 0727 | 17.066 | 0.04000 | 16.918 | 0.59002 | 0.07800 | 10 | 0.25 | 0% | 0 |
| 002.11 | Protein, NIR (PCT) | 0713 | 17.270 | 0.00000 | 16.918 | 0.59002 | 0.07800 | 10 | 0.60 | 1% | 0 |
| 002.11 | Protein, NIR (PCT) | 0567 | 17.400 | 0.00000 | 16.918 | 0.59002 | 0.07800 | 10 | 0.82 | 1% | 0 |
| 002.11 | Protein, NIR (PCT) | 0720 | 18.165 | 0.03000 | 16.918 | 0.59002 | 0.07800 | 10 | 2.11 | 4% | 0 |
| 002.99 | Protein, Miscellaneous (PCT) | 0643 | 16.515 | 0.03000 | 16.952 | 0.50190 | 0.09667 | 3 | -0.87 | 1% | 0 |
| 002.99 | Protein, Miscellaneous (PCT) | 0536 | 16.840 | 0.10000 | 16.952 | 0.50190 | 0.09667 | 3 | -0.22 | 0% | 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 | | | |
| 002.99 | Protein, Miscellaneous (PCT) | 0681 | 17.500 | 0.16000 | 16.952 | 0.50190 | 0.09667 | 3 | 1.09 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0616 | 1.8200 | 0.02000 | 3.4643 | 0.17737 | 0.04672 | 24 | -9.27 | 24% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0848 | 2.5550 | 0.03000 | 3.4643 | 0.17737 | 0.04672 | 24 | -5.13 | 13% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0658 | 3.0110 | 0.12590 | 3.4643 | 0.17737 | 0.04672 | 24 | -2.56 | 7% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0026 | 3.0750 | 0.03000 | 3.4643 | 0.17737 | 0.04672 | 24 | -2.19 | 6% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0509 | 3.3300 | 0.00000 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.76 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0171 | 3.3350 | 0.17000 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.73 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0164 | 3.3700 | 0.04000 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.53 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0615 | 3.4100 | 0.12000 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.31 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0194 | 3.4150 | 0.03000 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.28 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0300 | 3.4395 | 0.03300 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.14 | 0% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0884 | 3.4700 | 0.02000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.03 | 0% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0309 | 3.4753 | 0.04600 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.06 | 0% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0175 | 3.4800 | 0.06000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.09 | 0% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0065 | 3.5032 | 0.01630 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.22 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0354 | 3.5250 | 0.03000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.34 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0132 | 3.5250 | 0.07000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.34 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0139 | 3.5250 | 0.07000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.34 | 1% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0035 | 3.5950 | 0.09000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.74 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0032 | 3.6000 | 0.00000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.77 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0142 | 3.6000 | 0.00000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.77 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0596 | 3.6000 | 0.00000 | 3.4643 | 0.17737 | 0.04672 | 24 | 0.77 | 2% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0307 | 3.6500 | 0.10000 | 3.4643 | 0.17737 | 0.04672 | 24 | 1.05 | 3% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0039 | 3.7210 | 0.02000 | 3.4643 | 0.17737 | 0.04672 | 24 | 1.45 | 4% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0015 | 3.7900 | 0.00000 | 3.4643 | 0.17737 | 0.04672 | 24 | 1.84 | 5% | 0 |
| 003.00 | Fat, Eth Ext., Direct (PCT) | 0512 | 3.4110 | 0.31200 | 3.4643 | 0.17737 | 0.04672 | 24 | -0.30 | 1% | 1 |
| 003.01 | Fat, Ind Eth Ext (13th ed.), Indirect (PCT) | 0629 | 0.58500 | 0.01000 | 1.7725 | 1.6794 | 0.29500 | 2 | -0.71 | 33% | 0 |
| 003.01 | Fat, Ind Eth Ext (13th ed.), Indirect (PCT) | 0504 | 2.9600 | 0.58000 | 1.7725 | 1.6794 | 0.29500 | 2 | 0.71 | 33% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0879 | 1.6900 | 0.10000 | 3.2790 | 0.12220 | 0.06294 | 17 | -13.00 | 24% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0574 | 2.9200 | 0.06000 | 3.2790 | 0.12220 | 0.06294 | 17 | -2.94 | 5% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0294 | 3.0250 | 0.01000 | 3.2790 | 0.12220 | 0.06294 | 17 | -2.08 | 4% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0009 | 3.2000 | 0.12000 | 3.2790 | 0.12220 | 0.06294 | 17 | -0.65 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0148 | 3.2350 | 0.09000 | 3.2790 | 0.12220 | 0.06294 | 17 | -0.36 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0199 | 3.2450 | 0.03000 | 3.2790 | 0.12220 | 0.06294 | 17 | -0.28 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0689 | 3.2500 | 0.10000 | 3.2790 | 0.12220 | 0.06294 | 17 | -0.24 | 0% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0354 | 3.2750 | 0.01000 | 3.2790 | 0.12220 | 0.06294 | 17 | -0.03 | 0% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0074 | 3.2900 | 0.34000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.09 | 0% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0559 | 3.2900 | 0.04000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.09 | 0% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0083 | 3.3250 | 0.05000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.38 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0425 | 3.3300 | 0.02000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.42 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0169 | 3.3750 | 0.01000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.79 | 1% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0669 | 3.3750 | 0.05000 | 3.2790 | 0.12220 | 0.06294 | 17 | 0.79 | 1% | 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 | | | |
| 003.06 | Fat, Pet Ether (PCT) | 0682 | 3.4050 | 0.01000 | 3.2790 | 0.12220 | 0.06294 | 17 | 1.03 | 2% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0552 | 3.4200 | 0.02000 | 3.2790 | 0.12220 | 0.06294 | 17 | 1.15 | 2% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0511 | 3.4250 | 0.01000 | 3.2790 | 0.12220 | 0.06294 | 17 | 1.19 | 2% | 0 |
| 003.06 | Fat, Pet Ether (PCT) | 0003 | 3.0450 | 0.63000 | 3.2790 | 0.12220 | 0.06294 | 17 | -1.91 | 4% | 1 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0674 | 3.2000 | 0.38000 | 3.3923 | 0.14703 | 0.06372 | 23 | -1.31 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0121 | 3.2015 | 0.07500 | 3.3923 | 0.14703 | 0.06372 | 23 | -1.30 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0860 | 3.2050 | 0.03000 | 3.3923 | 0.14703 | 0.06372 | 23 | -1.27 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0653 | 3.2100 | 0.02000 | 3.3923 | 0.14703 | 0.06372 | 23 | -1.24 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0027 | 3.2450 | 0.01000 | 3.3923 | 0.14703 | 0.06372 | 23 | -1.00 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0013 | 3.2500 | 0.10000 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.97 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0358 | 3.3300 | 0.10000 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.42 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0226 | 3.3500 | 0.10000 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.29 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0350 | 3.3630 | 0.00600 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.20 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0849 | 3.3700 | 0.02000 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.15 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0508 | 3.3843 | 0.12440 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.05 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0505 | 3.3900 | 0.02000 | 3.3923 | 0.14703 | 0.06372 | 23 | -0.02 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0685 | 3.4250 | 0.01000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.22 | 0% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0029 | 3.4350 | 0.01000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.29 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0675 | 3.4400 | 0.02000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.32 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0098 | 3.4450 | 0.03000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.36 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0354 | 3.4650 | 0.01000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.49 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0353 | 3.4800 | 0.10000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.60 | 1% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0510 | 3.5000 | 0.00000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.73 | 2% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0620 | 3.5628 | 0.18010 | 3.3923 | 0.14703 | 0.06372 | 23 | 1.16 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0152 | 3.6000 | 0.00000 | 3.3923 | 0.14703 | 0.06372 | 23 | 1.41 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0723 | 3.6200 | 0.02000 | 3.3923 | 0.14703 | 0.06372 | 23 | 1.55 | 3% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0673 | 3.6500 | 0.10000 | 3.3923 | 0.14703 | 0.06372 | 23 | 1.75 | 4% | 0 |
| 003.09 | Fat, Soxtec, Eth Ext (PCT) | 0590 | 3.4750 | 0.65000 | 3.3923 | 0.14703 | 0.06372 | 23 | 0.56 | 1% | 1 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0051 | 2.7250 | 0.17000 | 3.2444 | 0.17331 | 0.09283 | 33 | -3.00 | 8% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0720 | 2.7250 | 0.05000 | 3.2444 | 0.17331 | 0.09283 | 33 | -3.00 | 8% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0609 | 2.8400 | 0.02000 | 3.2444 | 0.17331 | 0.09283 | 33 | -2.33 | 6% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0202 | 3.0050 | 0.49000 | 3.2444 | 0.17331 | 0.09283 | 33 | -1.38 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0613 | 3.0100 | 0.10000 | 3.2444 | 0.17331 | 0.09283 | 33 | -1.35 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0695 | 3.0100 | 0.06000 | 3.2444 | 0.17331 | 0.09283 | 33 | -1.35 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0861 | 3.0900 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.89 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0892 | 3.1000 | 0.06000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.83 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0706 | 3.1000 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.83 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0305 | 3.1100 | 0.02000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.78 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0100 | 3.1800 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.37 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0553 | 3.1900 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.31 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0089 | 3.2150 | 0.01000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.17 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0119 | 3.2300 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.08 | 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 | | | |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0098 | 3.2350 | 0.05000 | 3.2444 | 0.17331 | 0.09283 | 33 | -0.05 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0045 | 3.2450 | 0.05000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.00 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0623 | 3.2612 | 0.28790 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.10 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0728 | 3.2650 | 0.01000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.12 | 0% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0123 | 3.3050 | 0.09000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.35 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0868 | 3.3050 | 0.05000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.35 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0242 | 3.3150 | 0.01000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.41 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0629 | 3.3150 | 0.11000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.41 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0062 | 3.3325 | 0.02100 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.51 | 1% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0689 | 3.3500 | 0.10000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.61 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0618 | 3.3600 | 0.05800 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.67 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0676 | 3.3697 | 0.22140 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.72 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0298 | 3.3700 | 0.02000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.72 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0233 | 3.3800 | 0.06000 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.78 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0870 | 3.4029 | 0.09120 | 3.2444 | 0.17331 | 0.09283 | 33 | 0.91 | 2% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0042 | 3.4500 | 0.36000 | 3.2444 | 0.17331 | 0.09283 | 33 | 1.19 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0178 | 3.4700 | 0.12000 | 3.2444 | 0.17331 | 0.09283 | 33 | 1.30 | 3% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0366 | 3.5000 | 0.00000 | 3.2444 | 0.17331 | 0.09283 | 33 | 1.48 | 4% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0160 | 3.5510 | 0.37400 | 3.2444 | 0.17331 | 0.09283 | 33 | 1.77 | 5% | 0 |
| 003.10 | Fat, Soxtec, Pet Ether (PCT) | 0573 | 4.1650 | 1.4500 | 3.2444 | 0.17331 | 0.09283 | 33 | 5.31 | 14% | 1 |
| 003.11 | Fat, NIR (PCT) | 0720 | 2.6750 | 0.01000 | 3.3235 | 0.19133 | 0.01913 | 9 | -3.39 | 10% | 0 |
| 003.11 | Fat, NIR (PCT) | 0665 | 2.8150 | 0.03000 | 3.3235 | 0.19133 | 0.01913 | 9 | -2.66 | 8% | 0 |
| 003.11 | Fat, NIR (PCT) | 0727 | 3.2203 | 0.04220 | 3.3235 | 0.19133 | 0.01913 | 9 | -0.54 | 2% | 0 |
| 003.11 | Fat, NIR (PCT) | 0011 | 3.3100 | 0.02000 | 3.3235 | 0.19133 | 0.01913 | 9 | -0.07 | 0% | 0 |
| 003.11 | Fat, NIR (PCT) | 0553 | 3.3300 | 0.02000 | 3.3235 | 0.19133 | 0.01913 | 9 | 0.03 | 0% | 0 |
| 003.11 | Fat, NIR (PCT) | 0567 | 3.4000 | 0.00000 | 3.3235 | 0.19133 | 0.01913 | 9 | 0.40 | 1% | 0 |
| 003.11 | Fat, NIR (PCT) | 0889 | 3.4200 | 0.02000 | 3.3235 | 0.19133 | 0.01913 | 9 | 0.50 | 1% | 0 |
| 003.11 | Fat, NIR (PCT) | 0713 | 3.4850 | 0.03000 | 3.3235 | 0.19133 | 0.01913 | 9 | 0.84 | 2% | 0 |
| 003.11 | Fat, NIR (PCT) | 0032 | 3.9000 | 0.00000 | 3.3235 | 0.19133 | 0.01913 | 9 | 3.01 | 9% | 0 |
| 003.11 | Fat, NIR (PCT) | 0628 | 3.6050 | 0.63000 | 3.3235 | 0.19133 | 0.01913 | 9 | 1.47 | 4% | 1 |
| 003.12 | Fat, Hexane Ext (PCT) | 0357 | 2.0000 | 0.00000 | 3.3207 | 0.09965 | 0.06120 | 15 | -13.25 | 20% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0886 | 3.1400 | 0.12000 | 3.3207 | 0.09965 | 0.06120 | 15 | -1.81 | 3% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0901 | 3.2550 | 0.01000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.66 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0893 | 3.2600 | 0.02000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.61 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0898 | 3.2600 | 0.14000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.61 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0891 | 3.2810 | 0.04800 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.40 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0887 | 3.3000 | 0.06000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.21 | 0% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0878 | 3.3100 | 0.10000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.11 | 0% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0894 | 3.3100 | 0.02000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.11 | 0% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0864 | 3.3150 | 0.13000 | 3.3207 | 0.09965 | 0.06120 | 15 | -0.06 | 0% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0903 | 3.4150 | 0.01000 | 3.3207 | 0.09965 | 0.06120 | 15 | 0.95 | 1% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0895 | 3.4650 | 0.01000 | 3.3207 | 0.09965 | 0.06120 | 15 | 1.45 | 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 | | | |
| 003.12 | Fat, Hexane Ext (PCT) | 0670 | 3.5950 | 0.05000 | 3.3207 | 0.09965 | 0.06120 | 15 | 2.75 | 4% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0897 | 3.6450 | 0.05000 | 3.3207 | 0.09965 | 0.06120 | 15 | 3.25 | 5% | 0 |
| 003.12 | Fat, Hexane Ext (PCT) | 0631 | 3.7750 | 0.15000 | 3.3207 | 0.09965 | 0.06120 | 15 | 4.56 | 7% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (PCT) | 0660 | 3.0450 | 0.27000 | 3.2742 | 0.18043 | 0.10720 | 5 | -1.27 | 4% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (PCT) | 0205 | 3.1960 | 0.00600 | 3.2742 | 0.18043 | 0.10720 | 5 | -0.43 | 1% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (PCT) | 0187 | 3.2900 | 0.02000 | 3.2742 | 0.18043 | 0.10720 | 5 | 0.09 | 0% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (PCT) | 0033 | 3.3000 | 0.00000 | 3.2742 | 0.18043 | 0.10720 | 5 | 0.14 | 0% | 0 |
| 003.13 | Fat, Soxtec, Hexane Ext. (PCT) | 0011 | 3.5400 | 0.24000 | 3.2742 | 0.18043 | 0.10720 | 5 | 1.47 | 4% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0175 | 2.2350 | 0.07000 | 3.1307 | 0.26385 | 0.12686 | 23 | -3.39 | 14% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0265 | 2.7500 | 0.30000 | 3.1307 | 0.26385 | 0.12686 | 23 | -1.44 | 6% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0520 | 2.8600 | 0.36000 | 3.1307 | 0.26385 | 0.12686 | 23 | -1.03 | 4% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0686 | 2.9250 | 0.15000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.78 | 3% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0598 | 2.9400 | 0.02000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.72 | 3% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0581 | 2.9550 | 0.09000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.67 | 3% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0229 | 2.9650 | 0.03000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.63 | 3% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0574 | 2.9800 | 0.36000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.57 | 2% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0021 | 3.0300 | 0.06000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.38 | 2% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0853 | 3.0300 | 0.18000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.38 | 2% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0567 | 3.0500 | 0.10000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.31 | 1% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0278 | 3.1000 | 0.00000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.12 | 0% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0550 | 3.1200 | 0.22000 | 3.1307 | 0.26385 | 0.12686 | 23 | -0.04 | 0% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0847 | 3.1323 | 0.07880 | 3.1307 | 0.26385 | 0.12686 | 23 | 0.01 | 0% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0144 | 3.2350 | 0.15000 | 3.1307 | 0.26385 | 0.12686 | 23 | 0.40 | 2% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0407 | 3.2450 | 0.09000 | 3.1307 | 0.26385 | 0.12686 | 23 | 0.43 | 2% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0628 | 3.3050 | 0.11000 | 3.1307 | 0.26385 | 0.12686 | 23 | 0.66 | 3% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0108 | 3.3600 | 0.08000 | 3.1307 | 0.26385 | 0.12686 | 23 | 0.87 | 4% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0019 | 3.4800 | 0.18000 | 3.1307 | 0.26385 | 0.12686 | 23 | 1.32 | 6% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0726 | 3.5345 | 0.02900 | 3.1307 | 0.26385 | 0.12686 | 23 | 1.53 | 6% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0190 | 3.5500 | 0.04000 | 3.1307 | 0.26385 | 0.12686 | 23 | 1.59 | 7% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0413 | 3.6000 | 0.20000 | 3.1307 | 0.26385 | 0.12686 | 23 | 1.78 | 7% | 0 |
| 003.14 | Fat, Ankom (PCT) | 0049 | 3.6400 | 0.02000 | 3.1307 | 0.26385 | 0.12686 | 23 | 1.93 | 8% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0681 | 1.7600 | 0.02000 | 3.1880 | 0.37581 | 0.15778 | 9 | -3.80 | 22% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0546 | 2.5150 | 0.09000 | 3.1880 | 0.37581 | 0.15778 | 9 | -1.79 | 11% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0727 | 3.0450 | 0.47000 | 3.1880 | 0.37581 | 0.15778 | 9 | -0.38 | 2% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0536 | 3.1900 | 0.06000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.01 | 0% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0880 | 3.2000 | 0.20000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.03 | 0% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0047 | 3.3350 | 0.03000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.39 | 2% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0630 | 3.4300 | 0.18000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.64 | 4% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0737 | 3.5050 | 0.01000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.84 | 5% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0712 | 3.6100 | 0.36000 | 3.1880 | 0.37581 | 0.15778 | 9 | 1.12 | 7% | 0 |
| 003.99 | Fat, Miscellaneous (PCT) | 0738 | 3.4500 | 0.04000 | 3.1880 | 0.37581 | 0.15778 | 9 | 0.70 | 4% | 8 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0175 | 2.6850 | 0.07000 | 3.6357 | 0.32523 | 0.06640 | 25 | -2.92 | 13% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCCO CS Z Score | Threshold %RSD | Flag |
|-------------|----------------------------------|----------|----------|---------|---------------|---------|---------|--------|-------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0169 | 3.1750 | 0.03000 | 3.6357 | 0.32523 | 0.06640 | 25 | -1.42 | 6% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0504 | 3.1800 | 0.02000 | 3.6357 | 0.32523 | 0.06640 | 25 | -1.40 | 6% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0132 | 3.2000 | 0.20000 | 3.6357 | 0.32523 | 0.06640 | 25 | -1.34 | 6% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0695 | 3.2150 | 0.09000 | 3.6357 | 0.32523 | 0.06640 | 25 | -1.29 | 6% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0353 | 3.2900 | 0.04000 | 3.6357 | 0.32523 | 0.06640 | 25 | -1.06 | 5% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0009 | 3.3250 | 0.09000 | 3.6357 | 0.32523 | 0.06640 | 25 | -0.96 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0199 | 3.4550 | 0.05000 | 3.6357 | 0.32523 | 0.06640 | 25 | -0.56 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0194 | 3.4950 | 0.03000 | 3.6357 | 0.32523 | 0.06640 | 25 | -0.43 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0298 | 3.6000 | 0.02000 | 3.6357 | 0.32523 | 0.06640 | 25 | -0.11 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0425 | 3.6000 | 0.00000 | 3.6357 | 0.32523 | 0.06640 | 25 | -0.11 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0681 | 3.6450 | 0.07000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.03 | 0% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0226 | 3.7000 | 0.20000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.20 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0596 | 3.7000 | 0.00000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.20 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0309 | 3.7300 | 0.08000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.29 | 1% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0884 | 3.7500 | 0.24000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.35 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0511 | 3.8000 | 0.00000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.51 | 2% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0509 | 3.8350 | 0.07000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.61 | 3% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0164 | 3.8500 | 0.10000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.66 | 3% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0559 | 3.8500 | 0.06000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.66 | 3% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0706 | 3.8750 | 0.05000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.74 | 3% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0354 | 3.9550 | 0.01000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.98 | 4% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0208 | 3.9700 | 0.06000 | 3.6357 | 0.32523 | 0.06640 | 25 | 1.03 | 5% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0015 | 4.2450 | 0.01000 | 3.6357 | 0.32523 | 0.06640 | 25 | 1.87 | 8% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0720 | 4.4550 | 0.07000 | 3.6357 | 0.32523 | 0.06640 | 25 | 2.52 | 11% | 0 |
| 004.00 | Fiber, Crude Asbestos Free (PCT) | 0171 | 3.9200 | 0.38000 | 3.6357 | 0.32523 | 0.06640 | 25 | 0.87 | 4% | 1 |
| 004.01 | Fiber, Sing Filt (PCT) | 0366 | 4.6000 | 0.20000 | 4.7050 | 0.14849 | 0.25000 | 2 | -0.71 | 1% | 0 |
| 004.01 | Fiber, Sing Filt (PCT) | 0045 | 4.8100 | 0.30000 | 4.7050 | 0.14849 | 0.25000 | 2 | 0.71 | 1% | 0 |
| 004.03 | Fiber, Fritted Glass (PCT) | 0626 | 3.8972 | 0.23740 | | | 0.23740 | 1 | | | |
| 004.06 | Fiber, Fibertec (PCT) | 0897 | 2.8450 | 0.17000 | 3.7458 | 0.44231 | 0.09051 | 40 | -2.04 | 12% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0903 | 3.1000 | 0.04000 | 3.7458 | 0.44231 | 0.09051 | 40 | -1.46 | 9% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0893 | 3.1150 | 0.11000 | 3.7458 | 0.44231 | 0.09051 | 40 | -1.43 | 8% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0901 | 3.2000 | 0.02000 | 3.7458 | 0.44231 | 0.09051 | 40 | -1.23 | 7% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0886 | 3.2200 | 0.12000 | 3.7458 | 0.44231 | 0.09051 | 40 | -1.19 | 7% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0887 | 3.2250 | 0.01000 | 3.7458 | 0.44231 | 0.09051 | 40 | -1.18 | 7% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0848 | 3.3100 | 0.00000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.99 | 6% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0098 | 3.3250 | 0.09000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.95 | 6% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0895 | 3.3550 | 0.01000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.88 | 5% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0878 | 3.3600 | 0.02000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.87 | 5% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0620 | 3.4707 | 0.00350 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.62 | 4% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0653 | 3.5200 | 0.08000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.51 | 3% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0898 | 3.6450 | 0.11000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.23 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0689 | 3.6500 | 0.10000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.22 | 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 | | | |
| 004.06 | Fiber, Fibertec (PCT) | 0590 | 3.6600 | 0.28000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.19 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0860 | 3.6600 | 0.04000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.19 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0512 | 3.6770 | 0.02600 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.16 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0847 | 3.6907 | 0.20990 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.12 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0685 | 3.7050 | 0.01000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.09 | 1% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0894 | 3.7150 | 0.03000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.07 | 0% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0723 | 3.7200 | 0.02000 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.06 | 0% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0350 | 3.7385 | 0.07500 | 3.7458 | 0.44231 | 0.09051 | 40 | -0.02 | 0% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0029 | 3.7450 | 0.27000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.00 | 0% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0673 | 3.7500 | 0.10000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.01 | 0% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0670 | 3.8650 | 0.05000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.27 | 2% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0674 | 3.8850 | 0.09000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.31 | 2% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0866 | 3.9600 | 0.06000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.48 | 3% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0205 | 3.9850 | 0.09000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.54 | 3% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0868 | 3.9950 | 0.03000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.56 | 3% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0675 | 4.0150 | 0.01000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.61 | 4% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0722 | 4.0364 | 0.05360 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.66 | 4% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0552 | 4.0950 | 0.11000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.79 | 5% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0845 | 4.1050 | 0.01000 | 3.7458 | 0.44231 | 0.09051 | 40 | 0.81 | 5% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0354 | 4.1900 | 0.02000 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.00 | 6% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0178 | 4.2100 | 0.20000 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.05 | 6% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0891 | 4.2402 | 0.04060 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.12 | 7% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0716 | 4.5050 | 0.17000 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.72 | 10% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0676 | 4.5405 | 0.21160 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.80 | 11% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0613 | 4.9250 | 0.33000 | 3.7458 | 0.44231 | 0.09051 | 40 | 2.67 | 16% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0609 | 5.7100 | 0.20000 | 3.7458 | 0.44231 | 0.09051 | 40 | 4.44 | 26% | 0 |
| 004.06 | Fiber, Fibertec (PCT) | 0728 | 4.4750 | 0.75000 | 3.7458 | 0.44231 | 0.09051 | 40 | 1.65 | 10% | 1 |
| 004.07 | Fiber, ANKOM (PCT) | 0628 | 1.5750 | 0.15000 | 3.3564 | 0.27943 | 0.12200 | 48 | -6.37 | 27% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0202 | 2.3000 | 0.18000 | 3.3564 | 0.27943 | 0.12200 | 48 | -3.78 | 16% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0682 | 2.4500 | 0.10000 | 3.3564 | 0.27943 | 0.12200 | 48 | -3.24 | 14% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0354 | 2.7950 | 0.01000 | 3.3564 | 0.27943 | 0.12200 | 48 | -2.01 | 8% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0100 | 2.8550 | 0.27000 | 3.3564 | 0.27943 | 0.12200 | 48 | -1.79 | 7% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0553 | 2.9650 | 0.55000 | 3.3564 | 0.27943 | 0.12200 | 48 | -1.40 | 6% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0242 | 2.9700 | 0.04000 | 3.3564 | 0.27943 | 0.12200 | 48 | -1.38 | 6% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0096 | 3.0750 | 0.03000 | 3.3564 | 0.27943 | 0.12200 | 48 | -1.01 | 4% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0510 | 3.1000 | 0.20000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.92 | 4% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0083 | 3.1600 | 0.08000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.70 | 3% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0861 | 3.1900 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.60 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0864 | 3.1900 | 0.36000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.60 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0278 | 3.2000 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.56 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0013 | 3.2050 | 0.33000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.54 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0708 | 3.2100 | 0.06000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.52 | 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 | | | |
| 004.07 | Fiber, ANKOM (PCT) | 0123 | 3.2300 | 0.10000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.45 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0294 | 3.2500 | 0.10000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.38 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0520 | 3.2850 | 0.31000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.26 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0567 | 3.3000 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.20 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0008 | 3.3400 | 0.18000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.06 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0098 | 3.3450 | 0.07000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.04 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0686 | 3.3450 | 0.07000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.04 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0529 | 3.3500 | 0.04000 | 3.3564 | 0.27943 | 0.12200 | 48 | -0.02 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0026 | 3.3550 | 0.01000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.00 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0144 | 3.3550 | 0.05000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.00 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0003 | 3.3600 | 0.02000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.01 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0190 | 3.3750 | 0.05000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.07 | 0% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0581 | 3.3900 | 0.10000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.12 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0160 | 3.3920 | 0.21800 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.13 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0307 | 3.4000 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.16 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0019 | 3.4100 | 0.14000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.19 | 1% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0035 | 3.4600 | 0.02000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.37 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0407 | 3.4600 | 0.10000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.37 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0631 | 3.4600 | 0.12000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.37 | 2% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0229 | 3.5500 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.69 | 3% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0849 | 3.5500 | 0.06000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.69 | 3% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0726 | 3.5710 | 0.04600 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.77 | 3% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0505 | 3.5750 | 0.31000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.78 | 3% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0413 | 3.6000 | 0.20000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.87 | 4% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0300 | 3.6140 | 0.13600 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.92 | 4% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0592 | 3.6200 | 0.22000 | 3.3564 | 0.27943 | 0.12200 | 48 | 0.94 | 4% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0074 | 3.6650 | 0.33000 | 3.3564 | 0.27943 | 0.12200 | 48 | 1.10 | 5% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0643 | 3.7150 | 0.09000 | 3.3564 | 0.27943 | 0.12200 | 48 | 1.28 | 5% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0669 | 3.7250 | 0.07000 | 3.3564 | 0.27943 | 0.12200 | 48 | 1.32 | 5% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0870 | 3.7869 | 0.17610 | 3.3564 | 0.27943 | 0.12200 | 48 | 1.54 | 6% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0089 | 3.8500 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | 1.77 | 7% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0033 | 4.0000 | 0.00000 | 3.3564 | 0.27943 | 0.12200 | 48 | 2.30 | 10% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0121 | 4.0200 | 0.16000 | 3.3564 | 0.27943 | 0.12200 | 48 | 2.37 | 10% | 0 |
| 004.07 | Fiber, ANKOM (PCT) | 0265 | 4.8000 | 1.2000 | 3.3564 | 0.27943 | 0.12200 | 48 | 5.17 | 22% | 1 |
| 004.11 | Fiber, NIR (PCT) | 0631 | 3.2650 | 0.11000 | 3.7835 | 0.41099 | 0.11861 | 8 | -1.26 | 7% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0665 | 3.3550 | 0.13000 | 3.7835 | 0.41099 | 0.11861 | 8 | -1.04 | 6% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0567 | 3.6500 | 0.10000 | 3.7835 | 0.41099 | 0.11861 | 8 | -0.32 | 2% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0628 | 3.7550 | 0.19000 | 3.7835 | 0.41099 | 0.11861 | 8 | -0.07 | 0% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0553 | 3.8200 | 0.02000 | 3.7835 | 0.41099 | 0.11861 | 8 | 0.09 | 0% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0011 | 4.0200 | 0.12000 | 3.7835 | 0.41099 | 0.11861 | 8 | 0.58 | 3% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0727 | 4.0571 | 0.17890 | 3.7835 | 0.41099 | 0.11861 | 8 | 0.67 | 4% | 0 |
| 004.11 | Fiber, NIR (PCT) | 0720 | 4.8500 | 0.10000 | 3.7835 | 0.41099 | 0.11861 | 8 | 2.59 | 14% | 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 | | | |
| 004.99 | Fiber, Miscellaneous (PCT) | 0598 | 2.9650 | 0.07000 | 3.0575 | 0.13081 | 0.08500 | 2 | -0.71 | 2% | 0 |
| 004.99 | Fiber, Miscellaneous (PCT) | 0629 | 3.1500 | 0.10000 | 3.0575 | 0.13081 | 0.08500 | 2 | 0.71 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0049 | 4.6150 | 0.31000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.10 | 4% | 0 |
| 005.00 | Ash, (PCT) | 0169 | 4.6250 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.04 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0874 | 4.6300 | 0.26000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.01 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0613 | 4.6300 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.01 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0609 | 4.6800 | 0.28000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.72 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0596 | 4.7000 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.60 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0870 | 4.7012 | 0.07410 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.59 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0706 | 4.7050 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.57 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0358 | 4.7250 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.45 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0550 | 4.7300 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.42 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0541 | 4.7400 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.36 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0808 | 4.7450 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.33 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0148 | 4.7550 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.27 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0539 | 4.7614 | 0.10340 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.24 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0623 | 4.7657 | 0.26610 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.21 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0015 | 4.7700 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.19 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0160 | 4.7735 | 0.19900 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.17 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0853 | 4.7800 | 0.12000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.13 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0880 | 4.7850 | 0.19000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.10 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0026 | 4.7950 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.04 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0175 | 4.7950 | 0.13000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.04 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0598 | 4.7950 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.04 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0733 | 4.8000 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.01 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0736 | 4.8100 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.95 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0749 | 4.8100 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.95 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0194 | 4.8150 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.92 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0108 | 4.8250 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.86 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0520 | 4.8350 | 0.15000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.80 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0814 | 4.8400 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.77 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0782 | 4.8450 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.74 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0800 | 4.8450 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.74 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0138 | 4.8700 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.60 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0242 | 4.8750 | 0.15000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.57 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0774 | 4.8850 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.51 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0164 | 4.8950 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.45 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0762 | 4.8950 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.45 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0062 | 4.9080 | 0.01800 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.37 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0089 | 4.9100 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.36 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0278 | 4.9150 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.33 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0045 | 4.9200 | 0.26000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.30 | 1% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|---------|---------|--------|-------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 005.00 | Ash, (PCT) | 0139 | 4.9200 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.30 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0670 | 4.9200 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.30 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0021 | 4.9230 | 0.19400 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.28 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0100 | 4.9250 | 0.15000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.27 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0083 | 4.9250 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.27 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0001 | 4.9340 | 0.13600 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.22 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0552 | 4.9350 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.21 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0675 | 4.9350 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.21 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0425 | 4.9400 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.18 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0630 | 4.9400 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.18 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0038 | 4.9600 | 0.22000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.07 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0199 | 4.9600 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.07 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0065 | 4.9640 | 0.14200 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.04 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0510 | 4.9650 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.04 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0553 | 4.9650 | 0.09000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.04 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0682 | 4.9700 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.01 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0722 | 4.9757 | 0.00870 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.03 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0847 | 4.9779 | 0.07590 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.04 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0689 | 4.9800 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.05 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0743 | 4.9800 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.05 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0845 | 4.9850 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.08 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0098 | 4.9850 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.08 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0686 | 4.9900 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.11 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0674 | 4.9950 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.14 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0849 | 4.9950 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.14 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0265 | 5.0000 | 0.20000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.17 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0298 | 5.0000 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.17 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0712 | 5.0150 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.26 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0643 | 5.0150 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.26 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0123 | 5.0200 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.29 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0829 | 5.0200 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.29 | 0% | 0 |
| 005.00 | Ash, (PCT) | 0354 | 5.0250 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.32 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0529 | 5.0250 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.32 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0653 | 5.0250 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.32 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0660 | 5.0300 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.35 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0651 | 5.0330 | 0.02800 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.36 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0618 | 5.0332 | 0.02330 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.36 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0366 | 5.0500 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.46 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0505 | 5.0500 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.46 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0350 | 5.0535 | 0.00300 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.48 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0051 | 5.0550 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.49 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0650 | 5.0600 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.52 | 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 | | | |
| 005.00 | Ash, (PCT) | 0770 | 5.0600 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.52 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0723 | 5.0650 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.55 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0187 | 5.0700 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.58 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0504 | 5.0750 | 0.25000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.61 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0592 | 5.0900 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.70 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0784 | 5.0950 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.73 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0152 | 5.1000 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.76 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0132 | 5.1100 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.82 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0589 | 5.1100 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.82 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0353 | 5.1100 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.82 | 1% | 0 |
| 005.00 | Ash, (PCT) | 0620 | 5.1225 | 0.00500 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.89 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0309 | 5.1250 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.90 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0669 | 5.1250 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.90 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0029 | 5.1300 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.93 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0229 | 5.1300 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.93 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0629 | 5.1300 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.93 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0407 | 5.1350 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.96 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0581 | 5.1350 | 0.15000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.96 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0590 | 5.1350 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.96 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0178 | 5.1400 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.99 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0035 | 5.1450 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.02 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0142 | 5.1500 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.05 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0171 | 5.1500 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.05 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0226 | 5.1500 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.05 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0567 | 5.1500 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.05 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0305 | 5.1550 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.08 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0574 | 5.1900 | 0.22000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.29 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0413 | 5.2000 | 0.20000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.35 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0357 | 5.2000 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.35 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0884 | 5.2100 | 0.20000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.41 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0716 | 5.2100 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.41 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0144 | 5.2150 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.43 | 2% | 0 |
| 005.00 | Ash, (PCT) | 0615 | 5.2350 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.55 | 3% | 0 |
| 005.00 | Ash, (PCT) | 0622 | 5.5285 | 0.09970 | 4.9714 | 0.16981 | 0.07005 | 118 | 3.28 | 6% | 0 |
| 005.00 | Ash, (PCT) | 0307 | 5.5650 | 0.25000 | 4.9714 | 0.16981 | 0.07005 | 118 | 3.50 | 6% | 0 |
| 005.00 | Ash, (PCT) | 0720 | 5.6500 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 4.00 | 7% | 0 |
| 005.00 | Ash, (PCT) | 0417 | 4.5500 | 0.58000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.48 | 4% | 1 |
| 005.00 | Ash, (PCT) | 0559 | 4.9150 | 0.39000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.33 | 1% | 1 |
| 005.00 | Ash, (PCT) | 0658 | 8.5504 | 0.29850 | 4.9714 | 0.16981 | 0.07005 | 118 | 21.08 | 36% | 2 |
| 005.00 | Ash, (PCT) | 0778 | 4.5900 | 0.24000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.25 | 4% | 8 |
| 005.00 | Ash, (PCT) | 0776 | 4.5950 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.22 | 4% | 8 |
| 005.00 | Ash, (PCT) | 0753 | 4.6300 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -2.01 | 3% | 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 | | | |
| 005.00 | Ash, (PCT) | 0775 | 4.6350 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.98 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0751 | 4.6500 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.89 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0752 | 4.6500 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.89 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0750 | 4.6550 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.86 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0835 | 4.6750 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.75 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0818 | 4.6800 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.72 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0756 | 4.6850 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.69 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0810 | 4.6950 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.63 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0804 | 4.7050 | 0.09000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.57 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0758 | 4.7200 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.48 | 3% | 8 |
| 005.00 | Ash, (PCT) | 0755 | 4.7250 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.45 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0754 | 4.7300 | 0.14000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.42 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0811 | 4.7300 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.42 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0834 | 4.7350 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.39 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0747 | 4.7900 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.07 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0816 | 4.8000 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -1.01 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0732 | 4.8200 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.89 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0797 | 4.8250 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.86 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0813 | 4.8450 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.74 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0815 | 4.8650 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.63 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0830 | 4.8650 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.63 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0757 | 4.8700 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.60 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0761 | 4.8800 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.54 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0744 | 4.8900 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.48 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0760 | 4.8900 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.48 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0796 | 4.9000 | 0.06000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.42 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0801 | 4.9000 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.42 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0809 | 4.9050 | 0.17000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.39 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0798 | 4.9100 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.36 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0807 | 4.9100 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.36 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0817 | 4.9150 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.33 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0734 | 4.9200 | 0.00000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.30 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0781 | 4.9250 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.27 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0763 | 4.9300 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.24 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0806 | 4.9350 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.21 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0742 | 4.9650 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.04 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0795 | 4.9650 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | -0.04 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0735 | 4.9800 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.05 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0740 | 4.9850 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.08 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0745 | 4.9850 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.08 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0748 | 4.9850 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.08 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0741 | 5.0100 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.23 | 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, (PCT) | 0768 | 5.0150 | 0.01000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.26 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0746 | 5.0150 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.26 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0765 | 5.0200 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.29 | 0% | 8 |
| 005.00 | Ash, (PCT) | 0828 | 5.0400 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.40 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0767 | 5.0500 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.46 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0769 | 5.0500 | 0.10000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.46 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0771 | 5.0650 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.55 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0822 | 5.0750 | 0.05000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.61 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0739 | 5.0800 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.64 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0821 | 5.0800 | 0.08000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.64 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0772 | 5.0850 | 0.03000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.67 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0783 | 5.0850 | 0.07000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.67 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0764 | 5.0900 | 0.02000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.70 | 1% | 8 |
| 005.00 | Ash, (PCT) | 0785 | 5.1400 | 0.04000 | 4.9714 | 0.16981 | 0.07005 | 118 | 0.99 | 2% | 8 |
| 005.00 | Ash, (PCT) | 0819 | 5.1500 | 0.34000 | 4.9714 | 0.16981 | 0.07005 | 118 | 1.05 | 2% | 8 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0573 | 4.7250 | 0.03000 | 5.0825 | 0.09863 | 0.03610 | 21 | -3.62 | 4% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0631 | 4.7700 | 0.04000 | 5.0825 | 0.09863 | 0.03610 | 21 | -3.17 | 3% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0685 | 4.8250 | 0.01000 | 5.0825 | 0.09863 | 0.03610 | 21 | -2.61 | 3% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0892 | 4.8600 | 0.04000 | 5.0825 | 0.09863 | 0.03610 | 21 | -2.26 | 2% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0878 | 4.9000 | 0.04000 | 5.0825 | 0.09863 | 0.03610 | 21 | -1.85 | 2% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0121 | 4.9440 | 0.05400 | 5.0825 | 0.09863 | 0.03610 | 21 | -1.40 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0665 | 4.9900 | 0.00000 | 5.0825 | 0.09863 | 0.03610 | 21 | -0.94 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0294 | 5.0500 | 0.10000 | 5.0825 | 0.09863 | 0.03610 | 21 | -0.33 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0895 | 5.0750 | 0.01000 | 5.0825 | 0.09863 | 0.03610 | 21 | -0.08 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0894 | 5.0850 | 0.01000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.03 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0033 | 5.1000 | 0.00000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.18 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0903 | 5.1050 | 0.07000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.23 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0866 | 5.1140 | 0.00400 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.32 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0868 | 5.1150 | 0.01000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.33 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0695 | 5.1300 | 0.16000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.48 | 0% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0861 | 5.1400 | 0.00000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.58 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0886 | 5.1400 | 0.04000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.58 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0887 | 5.1550 | 0.03000 | 5.0825 | 0.09863 | 0.03610 | 21 | 0.74 | 1% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0864 | 5.2350 | 0.01000 | 5.0825 | 0.09863 | 0.03610 | 21 | 1.55 | 2% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0898 | 5.3700 | 0.02000 | 5.0825 | 0.09863 | 0.03610 | 21 | 2.92 | 3% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0882 | 5.5700 | 0.08000 | 5.0825 | 0.09863 | 0.03610 | 21 | 4.94 | 5% | 0 |
| 005.05 | Ash, 3h @ 550°C (PCT) | 0879 | 4.6150 | 0.27000 | 5.0825 | 0.09863 | 0.03610 | 21 | -4.74 | 5% | 1 |
| 005.11 | Ash, NIR (PCT) | 0720 | 4.2850 | 0.01000 | 4.7159 | 0.25677 | 0.02112 | 5 | -1.68 | 5% | 0 |
| 005.11 | Ash, NIR (PCT) | 0631 | 4.7450 | 0.01000 | 4.7159 | 0.25677 | 0.02112 | 5 | 0.11 | 0% | 0 |
| 005.11 | Ash, NIR (PCT) | 0713 | 4.7500 | 0.02000 | 4.7159 | 0.25677 | 0.02112 | 5 | 0.13 | 0% | 0 |
| 005.11 | Ash, NIR (PCT) | 0665 | 4.8350 | 0.01000 | 4.7159 | 0.25677 | 0.02112 | 5 | 0.46 | 1% | 0 |
| 005.11 | Ash, NIR (PCT) | 0727 | 4.9646 | 0.05560 | 4.7159 | 0.25677 | 0.02112 | 5 | 0.97 | 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 | | | |
| 005.99 | Ash, Miscellaneous (PCT) | 0826 | 4.3850 | 0.03000 | 5.1153 | 0.13674 | 0.10515 | 13 | -5.34 | 7% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0202 | 4.8850 | 0.11000 | 5.1153 | 0.13674 | 0.10515 | 13 | -1.68 | 2% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0616 | 5.0250 | 0.09000 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.66 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0652 | 5.0500 | 0.10000 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.48 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0728 | 5.0550 | 0.17000 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.44 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0681 | 5.0900 | 0.02000 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.19 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0546 | 5.1000 | 0.02000 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.11 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0676 | 5.1026 | 0.03700 | 5.1153 | 0.13674 | 0.10515 | 13 | -0.09 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0673 | 5.1500 | 0.10000 | 5.1153 | 0.13674 | 0.10515 | 13 | 0.25 | 0% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0536 | 5.2600 | 0.04000 | 5.1153 | 0.13674 | 0.10515 | 13 | 1.06 | 1% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0628 | 5.2800 | 0.18000 | 5.1153 | 0.13674 | 0.10515 | 13 | 1.20 | 2% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0727 | 5.3850 | 0.33000 | 5.1153 | 0.13674 | 0.10515 | 13 | 1.97 | 3% | 0 |
| 005.99 | Ash, Miscellaneous (PCT) | 0889 | 7.0600 | 0.14000 | 5.1153 | 0.13674 | 0.10515 | 13 | 14.22 | 19% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0405 | 2.1550 | 0.07000 | 5.0501 | 0.35406 | 0.13332 | 13 | -8.18 | 29% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0098 | 4.5600 | 0.34000 | 5.0501 | 0.35406 | 0.13332 | 13 | -1.38 | 5% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0504 | 4.7800 | 0.30000 | 5.0501 | 0.35406 | 0.13332 | 13 | -0.76 | 3% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0592 | 4.8850 | 0.07000 | 5.0501 | 0.35406 | 0.13332 | 13 | -0.47 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0148 | 4.9250 | 0.01000 | 5.0501 | 0.35406 | 0.13332 | 13 | -0.35 | 1% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0353 | 5.0250 | 0.23000 | 5.0501 | 0.35406 | 0.13332 | 13 | -0.07 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0035 | 5.0400 | 0.00000 | 5.0501 | 0.35406 | 0.13332 | 13 | -0.03 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0309 | 5.0610 | 0.46310 | 5.0501 | 0.35406 | 0.13332 | 13 | 0.03 | 0% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0038 | 5.1050 | 0.09000 | 5.0501 | 0.35406 | 0.13332 | 13 | 0.16 | 1% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0226 | 5.2500 | 0.10000 | 5.0501 | 0.35406 | 0.13332 | 13 | 0.56 | 2% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0187 | 5.4200 | 0.02000 | 5.0501 | 0.35406 | 0.13332 | 13 | 1.04 | 4% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0728 | 5.5750 | 0.01000 | 5.0501 | 0.35406 | 0.13332 | 13 | 1.48 | 5% | 0 |
| 008.02 | Fiber, Acid Detergent (PCT) | 0675 | 5.8050 | 0.03000 | 5.0501 | 0.35406 | 0.13332 | 13 | 2.13 | 7% | 0 |
| 008.05 | Fiber, Acid Detergent-Hach (PCT) | 0265 | 4.9500 | 0.30000 | | | 0.30000 | 1 | | | |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0026 | 4.3750 | 0.05000 | 4.9121 | 0.24324 | 0.12542 | 22 | -2.21 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0882 | 4.4400 | 0.04000 | 4.9121 | 0.24324 | 0.12542 | 22 | -1.94 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0358 | 4.4900 | 0.14000 | 4.9121 | 0.24324 | 0.12542 | 22 | -1.74 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0354 | 4.5200 | 0.02000 | 4.9121 | 0.24324 | 0.12542 | 22 | -1.61 | 4% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0278 | 4.7000 | 0.20000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.87 | 2% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0160 | 4.7770 | 0.07200 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.56 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0148 | 4.7800 | 0.02000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.54 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0083 | 4.8150 | 0.05000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.40 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0294 | 4.8500 | 0.10000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.26 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0581 | 4.8550 | 0.31000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.23 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0357 | 4.9000 | 0.00000 | 4.9121 | 0.24324 | 0.12542 | 22 | -0.05 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0001 | 4.9200 | 0.02000 | 4.9121 | 0.24324 | 0.12542 | 22 | 0.03 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0864 | 4.9450 | 0.03000 | 4.9121 | 0.24324 | 0.12542 | 22 | 0.14 | 0% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0870 | 4.9801 | 0.09720 | 4.9121 | 0.24324 | 0.12542 | 22 | 0.28 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0037 | 5.0000 | 0.06000 | 4.9121 | 0.24324 | 0.12542 | 22 | 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 | | | |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0164 | 5.0000 | 0.20000 | 4.9121 | 0.24324 | 0.12542 | 22 | 0.36 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0033 | 5.0500 | 0.10000 | 4.9121 | 0.24324 | 0.12542 | 22 | 0.57 | 1% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0049 | 5.2300 | 0.30000 | 4.9121 | 0.24324 | 0.12542 | 22 | 1.31 | 3% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0202 | 5.3950 | 0.29000 | 4.9121 | 0.24324 | 0.12542 | 22 | 1.99 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0045 | 5.4300 | 0.16000 | 4.9121 | 0.24324 | 0.12542 | 22 | 2.13 | 5% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0413 | 5.5000 | 0.20000 | 4.9121 | 0.24324 | 0.12542 | 22 | 2.42 | 6% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0510 | 6.4500 | 0.30000 | 4.9121 | 0.24324 | 0.12542 | 22 | 6.32 | 16% | 0 |
| 008.08 | Fiber, Acid Detergent, ANKOM (PCT) | 0686 | 4.3450 | 0.67000 | 4.9121 | 0.24324 | 0.12542 | 22 | -2.33 | 6% | 1 |
| 008.99 | Fiber, Acid Detergent Miscellaneous (PCT) | 0676 | 4.0695 | 0.12780 | 5.2861 | 0.97481 | 0.10945 | 4 | -1.25 | 12% | 0 |
| 008.99 | Fiber, Acid Detergent Miscellaneous (PCT) | 0720 | 5.2700 | 0.02000 | 5.2861 | 0.97481 | 0.10945 | 4 | -0.02 | 0% | 0 |
| 008.99 | Fiber, Acid Detergent Miscellaneous (PCT) | 0307 | 5.3500 | 0.10000 | 5.2861 | 0.97481 | 0.10945 | 4 | 0.07 | 1% | 0 |
| 008.99 | Fiber, Acid Detergent Miscellaneous (PCT) | 0613 | 6.4550 | 0.19000 | 5.2861 | 0.97481 | 0.10945 | 4 | 1.20 | 11% | 0 |
| 009.04 | Fiber, Neutral Det-No ENZ Pretreat (PCT) | 0504 | 13.655 | 1.5500 | | | 1.5500 | 1 | | | |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0098 | 11.250 | 0.10000 | 12.999 | 1.1650 | 0.36000 | 9 | -1.50 | 7% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0038 | 11.345 | 0.39000 | 12.999 | 1.1650 | 0.36000 | 9 | -1.42 | 6% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0353 | 12.450 | 0.68000 | 12.999 | 1.1650 | 0.36000 | 9 | -0.47 | 2% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0187 | 12.730 | 0.02000 | 12.999 | 1.1650 | 0.36000 | 9 | -0.23 | 1% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0592 | 13.120 | 0.08000 | 12.999 | 1.1650 | 0.36000 | 9 | 0.10 | 0% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0226 | 13.200 | 0.60000 | 12.999 | 1.1650 | 0.36000 | 9 | 0.17 | 1% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0675 | 13.805 | 0.03000 | 12.999 | 1.1650 | 0.36000 | 9 | 0.69 | 3% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0045 | 13.850 | 0.70000 | 12.999 | 1.1650 | 0.36000 | 9 | 0.73 | 3% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0309 | 15.060 | 0.64000 | 12.999 | 1.1650 | 0.36000 | 9 | 1.77 | 8% | 0 |
| 009.07 | Fiber, Neutral Det-ENZ Pretreat (PCT) | 0307 | 18.850 | 2.1000 | 12.999 | 1.1650 | 0.36000 | 9 | 5.02 | 23% | 1 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0083 | 12.005 | 0.15000 | 12.542 | 0.34418 | 0.22365 | 17 | -1.56 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0686 | 12.060 | 0.16000 | 12.542 | 0.34418 | 0.22365 | 17 | -1.40 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0278 | 12.100 | 0.00000 | 12.542 | 0.34418 | 0.22365 | 17 | -1.28 | 2% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0870 | 12.305 | 0.02710 | 12.542 | 0.34418 | 0.22365 | 17 | -0.69 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0354 | 12.310 | 0.06000 | 12.542 | 0.34418 | 0.22365 | 17 | -0.67 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0294 | 12.350 | 0.10000 | 12.542 | 0.34418 | 0.22365 | 17 | -0.56 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0164 | 12.400 | 0.20000 | 12.542 | 0.34418 | 0.22365 | 17 | -0.41 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0581 | 12.430 | 0.22000 | 12.542 | 0.34418 | 0.22365 | 17 | -0.33 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0510 | 12.650 | 0.10000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.31 | 0% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0037 | 12.675 | 0.15000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.39 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0202 | 12.690 | 0.60000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.43 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0265 | 12.750 | 0.50000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.60 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0049 | 12.765 | 0.89000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.65 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0357 | 12.800 | 0.00000 | 12.542 | 0.34418 | 0.22365 | 17 | 0.75 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0160 | 12.845 | 0.00500 | 12.542 | 0.34418 | 0.22365 | 17 | 0.88 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0413 | 12.900 | 0.40000 | 12.542 | 0.34418 | 0.22365 | 17 | 1.04 | 1% | 0 |
| 009.09 | Fiber, Neutral Detergent, ANKOM (PCT) | 0882 | 15.260 | 0.24000 | 12.542 | 0.34418 | 0.22365 | 17 | 7.90 | 11% | 0 |
| 009.99 | Fiber, Neutral Det Miscellaneous (PCT) | 0676 | 13.954 | 0.10760 | 15.305 | 1.6634 | 0.62440 | 4 | -0.81 | 4% | 0 |
| 009.99 | Fiber, Neutral Det Miscellaneous (PCT) | 0728 | 14.025 | 0.23000 | 15.305 | 1.6634 | 0.62440 | 4 | -0.77 | 4% | 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 | | | |
| 009.99 | Fiber, Neutral Det Miscellaneous (PCT) | 0889 | 15.790 | 0.00000 | 15.305 | 1.6634 | 0.62440 | 4 | 0.29 | 2% | 0 |
| 009.99 | Fiber, Neutral Det Miscellaneous (PCT) | 0613 | 17.450 | 2.1600 | 15.305 | 1.6634 | 0.62440 | 4 | 1.29 | 7% | 0 |
| 010.03 | Moisture, Karl-Fischer (PCT) | 0546 | 7.3967 | 0.80280 | 9.3163 | 1.6104 | 0.40656 | 5 | -1.19 | 10% | 0 |
| 010.03 | Moisture, Karl-Fischer (PCT) | 0826 | 7.7600 | 0.44000 | 9.3163 | 1.6104 | 0.40656 | 5 | -0.97 | 8% | 0 |
| 010.03 | Moisture, Karl-Fischer (PCT) | 0164 | 10.080 | 0.06000 | 9.3163 | 1.6104 | 0.40656 | 5 | 0.47 | 4% | 0 |
| 010.03 | Moisture, Karl-Fischer (PCT) | 0843 | 10.625 | 0.71000 | 9.3163 | 1.6104 | 0.40656 | 5 | 0.81 | 7% | 0 |
| 010.03 | Moisture, Karl-Fischer (PCT) | 0903 | 10.720 | 0.02000 | 9.3163 | 1.6104 | 0.40656 | 5 | 0.87 | 8% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0168 | 10.165 | 0.07000 | 10.567 | 0.29000 | 0.06478 | 9 | -1.39 | 2% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0665 | 10.195 | 0.07000 | 10.567 | 0.29000 | 0.06478 | 9 | -1.28 | 2% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0713 | 10.410 | 0.00000 | 10.567 | 0.29000 | 0.06478 | 9 | -0.54 | 1% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0727 | 10.563 | 0.16300 | 10.567 | 0.29000 | 0.06478 | 9 | -0.02 | 0% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0631 | 10.600 | 0.04000 | 10.567 | 0.29000 | 0.06478 | 9 | 0.11 | 0% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0567 | 10.700 | 0.00000 | 10.567 | 0.29000 | 0.06478 | 9 | 0.46 | 1% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0720 | 10.700 | 0.00000 | 10.567 | 0.29000 | 0.06478 | 9 | 0.46 | 1% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0038 | 10.780 | 0.14000 | 10.567 | 0.29000 | 0.06478 | 9 | 0.73 | 1% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0032 | 10.950 | 0.10000 | 10.567 | 0.29000 | 0.06478 | 9 | 1.32 | 2% | 0 |
| 010.11 | Moisture, NIR (PCT) | 0628 | 10.380 | 0.66000 | 10.567 | 0.29000 | 0.06478 | 9 | -0.64 | 1% | 1 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0712 | 8.2300 | 0.24000 | 10.365 | 0.47693 | 0.09891 | 11 | -4.48 | 10% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0628 | 9.6850 | 0.05000 | 10.365 | 0.47693 | 0.09891 | 11 | -1.43 | 3% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0613 | 9.8500 | 0.10000 | 10.365 | 0.47693 | 0.09891 | 11 | -1.08 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0866 | 10.177 | 0.01800 | 10.365 | 0.47693 | 0.09891 | 11 | -0.39 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0631 | 10.325 | 0.05000 | 10.365 | 0.47693 | 0.09891 | 11 | -0.08 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0673 | 10.400 | 0.00000 | 10.365 | 0.47693 | 0.09891 | 11 | 0.07 | 0% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0716 | 10.495 | 0.03000 | 10.365 | 0.47693 | 0.09891 | 11 | 0.27 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0652 | 10.650 | 0.10000 | 10.365 | 0.47693 | 0.09891 | 11 | 0.60 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0417 | 10.670 | 0.40000 | 10.365 | 0.47693 | 0.09891 | 11 | 0.64 | 1% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0706 | 10.845 | 0.07000 | 10.365 | 0.47693 | 0.09891 | 11 | 1.01 | 2% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0405 | 11.855 | 0.03000 | 10.365 | 0.47693 | 0.09891 | 11 | 3.12 | 7% | 0 |
| 010.99 | Moisture, Miscellaneous (PCT) | 0879 | 9.5250 | 0.75000 | 10.365 | 0.47693 | 0.09891 | 11 | -1.76 | 4% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0027 | 8.9250 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | -8.37 | 10% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0658 | 9.8415 | 0.17990 | 11.111 | 0.26109 | 0.09300 | 78 | -4.86 | 6% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0874 | 9.8500 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | -4.83 | 6% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0552 | 10.370 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | -2.84 | 3% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0861 | 10.390 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -2.76 | 3% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0407 | 10.565 | 0.13000 | 11.111 | 0.26109 | 0.09300 | 78 | -2.09 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0660 | 10.580 | 0.12000 | 11.111 | 0.26109 | 0.09300 | 78 | -2.03 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0596 | 10.600 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.96 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0643 | 10.700 | 0.20000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.57 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0062 | 10.722 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.49 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0598 | 10.770 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.31 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0674 | 10.785 | 0.17000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.25 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0870 | 10.793 | 0.15430 | 11.111 | 0.26109 | 0.09300 | 78 | -1.22 | 1% | 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 | | | |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0175 | 10.800 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.19 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0294 | 10.800 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.19 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0808 | 10.810 | 0.18000 | 11.111 | 0.26109 | 0.09300 | 78 | -1.15 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0722 | 10.872 | 0.06670 | 11.111 | 0.26109 | 0.09300 | 78 | -0.92 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0298 | 10.890 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.85 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0132 | 10.895 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.83 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0171 | 10.940 | 0.14000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.66 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0233 | 10.945 | 0.11000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.64 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0573 | 10.985 | 0.09000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.48 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0194 | 10.995 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.44 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0847 | 11.011 | 0.12140 | 11.111 | 0.26109 | 0.09300 | 78 | -0.38 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0026 | 11.015 | 0.25000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.37 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0770 | 11.030 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.31 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0782 | 11.040 | 0.07950 | 11.111 | 0.26109 | 0.09300 | 78 | -0.27 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0148 | 11.045 | 0.23000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.25 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0620 | 11.049 | 0.27610 | 11.111 | 0.26109 | 0.09300 | 78 | -0.24 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0152 | 11.050 | 0.10000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.23 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0651 | 11.065 | 0.05400 | 11.111 | 0.26109 | 0.09300 | 78 | -0.18 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0358 | 11.070 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.16 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0520 | 11.075 | 0.17000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.14 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0670 | 11.075 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.14 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0762 | 11.085 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.10 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0814 | 11.100 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.04 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0100 | 11.100 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.04 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0108 | 11.115 | 0.37000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.02 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0650 | 11.120 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.03 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0309 | 11.125 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.05 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0354 | 11.140 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.11 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0205 | 11.145 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.13 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0539 | 11.150 | 0.08000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.15 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0119 | 11.150 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.15 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0226 | 11.150 | 0.30000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.15 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0743 | 11.210 | 0.10000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.38 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0160 | 11.211 | 0.02700 | 11.111 | 0.26109 | 0.09300 | 78 | 0.38 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0653 | 11.215 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.40 | 0% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0242 | 11.225 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.44 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0728 | 11.225 | 0.19000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.44 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0350 | 11.241 | 0.01300 | 11.111 | 0.26109 | 0.09300 | 78 | 0.50 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0622 | 11.249 | 0.06160 | 11.111 | 0.26109 | 0.09300 | 78 | 0.53 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0736 | 11.250 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.53 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0823 | 11.250 | 0.10000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.53 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0541 | 11.260 | 0.22000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.57 | 1% | 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 | | | |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0553 | 11.260 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.57 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0800 | 11.260 | 0.08000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.57 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0574 | 11.270 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.61 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0144 | 11.275 | 0.13000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.63 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0723 | 11.285 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.67 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0123 | 11.290 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0829 | 11.290 | 0.18000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0265 | 11.300 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.72 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0164 | 11.330 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.84 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0229 | 11.340 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.88 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0774 | 11.340 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.88 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0202 | 11.345 | 0.09000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.90 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0511 | 11.355 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.93 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0675 | 11.370 | 0.14000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.99 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0098 | 11.410 | 0.08000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.15 | 1% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0589 | 11.455 | 0.09000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.32 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0749 | 11.475 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.39 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0737 | 11.490 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.45 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0559 | 11.495 | 0.19000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.47 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0837 | 11.495 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.47 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0305 | 11.555 | 0.27000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.70 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0623 | 11.657 | 0.20060 | 11.111 | 0.26109 | 0.09300 | 78 | 2.09 | 2% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0510 | 11.850 | 0.30000 | 11.111 | 0.26109 | 0.09300 | 78 | 2.83 | 3% | 0 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0713 | 9.0350 | 0.75000 | 11.111 | 0.26109 | 0.09300 | 78 | -7.95 | 9% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0051 | 11.180 | 0.52000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.26 | 0% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0880 | 11.290 | 0.52000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0033 | 11.350 | 0.70000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.92 | 1% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0843 | 11.390 | 0.70000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.07 | 1% | 1 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0809 | 10.855 | 0.15000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.98 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0764 | 11.000 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.43 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0769 | 11.005 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.41 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0810 | 11.040 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.27 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0816 | 11.040 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.27 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0765 | 11.055 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.21 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0819 | 11.055 | 0.41000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.21 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0763 | 11.065 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.18 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0781 | 11.072 | 0.03570 | 11.111 | 0.26109 | 0.09300 | 78 | -0.15 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0771 | 11.075 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.14 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0830 | 11.075 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.14 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0768 | 11.080 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.12 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0811 | 11.100 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | -0.04 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0828 | 11.110 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.00 | 0% | 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 | | | |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0795 | 11.115 | 0.17000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.02 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0807 | 11.135 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.09 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0767 | 11.155 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.17 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0772 | 11.165 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.21 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0817 | 11.165 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.21 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0760 | 11.175 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.24 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0734 | 11.180 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.26 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0761 | 11.180 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.26 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0796 | 11.180 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.26 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0806 | 11.180 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.26 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0813 | 11.185 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.28 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0798 | 11.185 | 0.09000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.28 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0797 | 11.200 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.34 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0815 | 11.200 | 0.22000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.34 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0824 | 11.200 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.34 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0825 | 11.200 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.34 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0804 | 11.205 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.36 | 0% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0741 | 11.235 | 0.15000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.47 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0775 | 11.245 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.51 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0801 | 11.250 | 0.14000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.53 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0836 | 11.250 | 0.10000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.53 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0776 | 11.260 | 0.22000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.57 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0740 | 11.275 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.63 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0735 | 11.290 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0744 | 11.290 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0752 | 11.290 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.69 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0746 | 11.300 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.72 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0818 | 11.300 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.72 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0739 | 11.310 | 0.22000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.76 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0757 | 11.315 | 0.15000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.78 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0753 | 11.325 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.82 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0756 | 11.325 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.82 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0822 | 11.330 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.84 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0758 | 11.340 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.88 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0791 | 11.345 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.90 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0834 | 11.345 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.90 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0742 | 11.355 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.93 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0778 | 11.360 | 0.30000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.95 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0748 | 11.370 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 0.99 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0794 | 11.374 | 0.09700 | 11.111 | 0.26109 | 0.09300 | 78 | 1.01 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0789 | 11.375 | 0.03000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.01 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0738 | 11.400 | 0.08000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.11 | 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 | | | |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0792 | 11.400 | 0.06000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.11 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0745 | 11.410 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.15 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0835 | 11.430 | 0.02000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.22 | 1% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0821 | 11.445 | 0.05000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.28 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0751 | 11.465 | 0.07000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.36 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0755 | 11.475 | 0.25000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.39 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0747 | 11.475 | 0.01000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.39 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0793 | 11.490 | 0.00000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.45 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0750 | 11.550 | 0.04000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.68 | 2% | 8 |
| 011.01 | Loss on Drying, 135 deg 2hr (PCT) | 0754 | 11.580 | 0.16000 | 11.111 | 0.26109 | 0.09300 | 78 | 1.80 | 2% | 8 |
| 011.02 | Loss on drying, 130°C for 2 hours (PCT) | 0682 | 11.320 | 0.00000 | | | 0.00000 | 1 | | | |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous | 0541 | 9.2700 | 0.42000 | 10.277 | 0.96128 | 0.19333 | 3 | -1.05 | 5% | 0 |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous | 0882 | 10.375 | 0.11000 | 10.277 | 0.96128 | 0.19333 | 3 | 0.10 | 0% | 0 |
| 011.99 | Loss on Drying, High Temp. Methods Miscellaneous | 0864 | 11.185 | 0.05000 | 10.277 | 0.96128 | 0.19333 | 3 | 0.94 | 4% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0178 | 44.295 | 1.6300 | 44.927 | 0.63071 | 0.51625 | 8 | -1.00 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0673 | 44.300 | 0.60000 | 44.927 | 0.63071 | 0.51625 | 8 | -0.99 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0878 | 44.650 | 0.30000 | 44.927 | 0.63071 | 0.51625 | 8 | -0.44 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0559 | 44.650 | 0.10000 | 44.927 | 0.63071 | 0.51625 | 8 | -0.44 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0354 | 45.000 | 0.00000 | 44.927 | 0.63071 | 0.51625 | 8 | 0.12 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0689 | 45.150 | 0.30000 | 44.927 | 0.63071 | 0.51625 | 8 | 0.35 | 0% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0567 | 45.600 | 1.2000 | 44.927 | 0.63071 | 0.51625 | 8 | 1.07 | 1% | 0 |
| 012.00 | Starch, Polarimetric (Ewers) (PCT) | 0609 | 46.540 | 0.00000 | 44.927 | 0.63071 | 0.51625 | 8 | 2.56 | 2% | 0 |
| 012.01 | Starch, Megazyme (PCT) | 0676 | 37.655 | 0.27000 | 39.165 | 2.1355 | 0.53000 | 2 | -0.71 | 2% | 0 |
| 012.01 | Starch, Megazyme (PCT) | 0870 | 40.675 | 0.79000 | 39.165 | 2.1355 | 0.53000 | 2 | 0.71 | 2% | 0 |
| 012.03 | Starch, Enzymatic (PCT) | 0407 | 40.510 | 0.34000 | 41.833 | 1.8703 | 0.98500 | 2 | -0.71 | 2% | 0 |
| 012.03 | Starch, Enzymatic (PCT) | 0098 | 43.155 | 1.6300 | 41.833 | 1.8703 | 0.98500 | 2 | 0.71 | 2% | 0 |
| 012.04 | Starch, YSI Analyzer (PCT) | 0278 | 40.200 | 0.00000 | 41.436 | 1.0506 | 0.12250 | 4 | -1.18 | 1% | 0 |
| 012.04 | Starch, YSI Analyzer (PCT) | 0510 | 40.950 | 0.30000 | 41.436 | 1.0506 | 0.12250 | 4 | -0.46 | 1% | 0 |
| 012.04 | Starch, YSI Analyzer (PCT) | 0160 | 42.120 | 0.14000 | 41.436 | 1.0506 | 0.12250 | 4 | 0.65 | 1% | 0 |
| 012.04 | Starch, YSI Analyzer (PCT) | 0353 | 42.475 | 0.05000 | 41.436 | 1.0506 | 0.12250 | 4 | 0.99 | 1% | 0 |
| 012.11 | Starch, NIR (PCT) | 0720 | 43.870 | 0.20000 | | | 0.20000 | 1 | | | |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0681 | 3.4700 | 0.00000 | 4.1138 | 0.50723 | 0.07408 | 12 | -1.27 | 8% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0689 | 3.6000 | 0.00000 | 4.1138 | 0.50723 | 0.07408 | 12 | -1.01 | 6% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0096 | 3.7155 | 0.09900 | 4.1138 | 0.50723 | 0.07408 | 12 | -0.79 | 5% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0884 | 3.7400 | 0.10000 | 4.1138 | 0.50723 | 0.07408 | 12 | -0.74 | 5% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0229 | 3.9000 | 0.20000 | 4.1138 | 0.50723 | 0.07408 | 12 | -0.42 | 3% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0202 | 4.0950 | 0.07000 | 4.1138 | 0.50723 | 0.07408 | 12 | -0.04 | 0% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0309 | 4.1100 | 0.06000 | 4.1138 | 0.50723 | 0.07408 | 12 | -0.01 | 0% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0736 | 4.2650 | 0.11000 | 4.1138 | 0.50723 | 0.07408 | 12 | 0.30 | 2% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0616 | 4.3500 | 0.06000 | 4.1138 | 0.50723 | 0.07408 | 12 | 0.47 | 3% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0628 | 4.5850 | 0.19000 | 4.1138 | 0.50723 | 0.07408 | 12 | 0.93 | 6% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0861 | 4.6600 | 0.00000 | 4.1138 | 0.50723 | 0.07408 | 12 | 1.08 | 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 | | | |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0242 | 5.0900 | 0.00000 | 4.1138 | 0.50723 | 0.07408 | 12 | 1.92 | 12% | 0 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0874 | 4.2700 | 0.66000 | 4.1138 | 0.50723 | 0.07408 | 12 | 0.31 | 2% | 1 |
| 013.00 | Fat, Acid hydrolysis (PCT) | 0830 | 4.4400 | 0.06000 | 4.1138 | 0.50723 | 0.07408 | 12 | 0.64 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0026 | 3.8500 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -2.08 | 6% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0749 | 3.9250 | 0.59000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.81 | 6% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0051 | 3.9450 | 0.15000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.74 | 5% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0208 | 4.1000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.17 | 4% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0814 | 4.1000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.17 | 4% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0148 | 4.1650 | 0.07000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.93 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0743 | 4.2250 | 0.01000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.72 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0853 | 4.2550 | 0.01000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.61 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0774 | 4.3050 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.42 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0826 | 4.3050 | 0.09000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.42 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0164 | 4.3250 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.35 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0553 | 4.3500 | 0.14000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.26 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0643 | 4.3900 | 0.18000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.11 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0770 | 4.3900 | 0.02000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.11 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0675 | 4.4000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.08 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0300 | 4.4295 | 0.16500 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.03 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0354 | 4.4600 | 0.04000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.14 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0100 | 4.4650 | 0.29000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.16 | 0% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0837 | 4.4800 | 0.16000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.21 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0823 | 4.5000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.29 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0016 | 4.5400 | 0.30000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.43 | 1% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0650 | 4.5750 | 0.01000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.56 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0762 | 4.6150 | 0.05000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.71 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0001 | 4.6275 | 0.25900 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.75 | 2% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0800 | 4.6500 | 0.08000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.83 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0843 | 4.6950 | 0.13000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.00 | 3% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0808 | 4.8350 | 0.05000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.51 | 5% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0676 | 4.9500 | 0.10000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.93 | 6% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0682 | 5.1200 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | 2.55 | 8% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0008 | 5.3850 | 0.45000 | 4.4213 | 0.27426 | 0.11547 | 30 | 3.51 | 11% | 0 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0834 | 3.6850 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | -2.68 | 8% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0757 | 3.8550 | 0.37000 | 4.4213 | 0.27426 | 0.11547 | 30 | -2.06 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0775 | 3.9000 | 0.56000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.90 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0747 | 3.9650 | 0.07000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.66 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0754 | 3.9900 | 0.04000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.57 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0748 | 4.0200 | 0.02000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.46 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0835 | 4.0200 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.46 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0752 | 4.0450 | 0.23000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.37 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0741 | 4.0700 | 0.26000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.28 | 4% | 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 (PCT) | 0769 | 4.0850 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.23 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0768 | 4.1000 | 0.02000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.17 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0758 | 4.1100 | 0.30000 | 4.4213 | 0.27426 | 0.11547 | 30 | -1.14 | 4% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0828 | 4.1500 | 0.30000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.99 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0753 | 4.1550 | 0.25000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.97 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0815 | 4.1750 | 0.15000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.90 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0746 | 4.1800 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.88 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0750 | 4.1850 | 0.05000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.86 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0742 | 4.2150 | 0.01000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.75 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0771 | 4.2350 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.68 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0756 | 4.2400 | 0.12000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.66 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0778 | 4.2450 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.64 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0740 | 4.2500 | 0.08000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.62 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0744 | 4.2700 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.55 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0739 | 4.3100 | 0.30000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.41 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0776 | 4.3100 | 0.10000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.41 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0755 | 4.3300 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.33 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0817 | 4.3650 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.21 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0764 | 4.3700 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.19 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0813 | 4.3800 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.15 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0751 | 4.3850 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.13 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0816 | 4.4000 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.08 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0825 | 4.4000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.08 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0836 | 4.4000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.08 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0745 | 4.4150 | 0.09000 | 4.4213 | 0.27426 | 0.11547 | 30 | -0.02 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0772 | 4.4200 | 0.02000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.00 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0760 | 4.4250 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.01 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0767 | 4.4300 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.03 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0765 | 4.4550 | 0.11000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.12 | 0% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0734 | 4.5000 | 0.12000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.29 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0824 | 4.5000 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.29 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0763 | 4.5250 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.38 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0794 | 4.5420 | 0.02800 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.44 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0809 | 4.5500 | 0.32000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.47 | 1% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0818 | 4.5550 | 0.07000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.49 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0791 | 4.5650 | 0.35000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.52 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0806 | 4.5650 | 0.33000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.52 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0810 | 4.5650 | 0.17000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.52 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0792 | 4.5800 | 0.00000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.58 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0761 | 4.5850 | 0.07000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.60 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0735 | 4.6100 | 0.20000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.69 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0793 | 4.6300 | 0.12000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.76 | 2% | 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 (PCT) | 0795 | 4.6400 | 0.02000 | 4.4213 | 0.27426 | 0.11547 | 30 | 0.80 | 2% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0811 | 4.7150 | 0.13000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.07 | 3% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0797 | 4.8550 | 0.05000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.58 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0807 | 4.8850 | 0.13000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.69 | 5% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0798 | 4.9200 | 0.06000 | 4.4213 | 0.27426 | 0.11547 | 30 | 1.82 | 6% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0801 | 5.0150 | 0.03000 | 4.4213 | 0.27426 | 0.11547 | 30 | 2.16 | 7% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0796 | 5.2200 | 0.58000 | 4.4213 | 0.27426 | 0.11547 | 30 | 2.91 | 9% | 8 |
| 013.02 | Fat, Mojonnier, Bak Ext (PCT) | 0804 | 6.2350 | 0.97000 | 4.4213 | 0.27426 | 0.11547 | 30 | 6.61 | 21% | 8 |
| 013.03 | Fat, Roese-Gottlieb (PCT) | 0618 | 1.6800 | 0.26000 | | | 0.26000 | 1 | | | |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0613 | 3.4450 | 0.03000 | 3.8241 | 0.31131 | 0.09805 | 13 | -1.22 | 5% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0870 | 3.4802 | 0.03970 | 3.8241 | 0.31131 | 0.09805 | 13 | -1.10 | 4% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0733 | 3.6100 | 0.08000 | 3.8241 | 0.31131 | 0.09805 | 13 | -0.69 | 3% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0845 | 3.6350 | 0.31000 | 3.8241 | 0.31131 | 0.09805 | 13 | -0.61 | 2% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0716 | 3.6400 | 0.18000 | 3.8241 | 0.31131 | 0.09805 | 13 | -0.59 | 2% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0673 | 3.7000 | 0.00000 | 3.8241 | 0.31131 | 0.09805 | 13 | -0.40 | 2% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0660 | 3.7100 | 0.18000 | 3.8241 | 0.31131 | 0.09805 | 13 | -0.37 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0539 | 3.8700 | 0.04000 | 3.8241 | 0.31131 | 0.09805 | 13 | 0.15 | 1% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0652 | 4.0000 | 0.00000 | 3.8241 | 0.31131 | 0.09805 | 13 | 0.57 | 2% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0033 | 4.0250 | 0.01000 | 3.8241 | 0.31131 | 0.09805 | 13 | 0.65 | 3% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0353 | 4.1550 | 0.11000 | 3.8241 | 0.31131 | 0.09805 | 13 | 1.06 | 4% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0843 | 4.6950 | 0.13000 | 3.8241 | 0.31131 | 0.09805 | 13 | 2.80 | 11% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0160 | 5.0195 | 0.16500 | 3.8241 | 0.31131 | 0.09805 | 13 | 3.84 | 16% | 0 |
| 013.10 | Fat, Soxtec-Acid Hydrolysis (PCT) | 0732 | 3.4950 | 0.01000 | 3.8241 | 0.31131 | 0.09805 | 13 | -1.06 | 4% | 8 |
| 013.11 | Fat, Super Critical Fluid Extraction (PCT) | 0866 | 2.8250 | 0.07000 | 3.6850 | 1.2589 | 0.15000 | 3 | -0.68 | 12% | 0 |
| 013.11 | Fat, Super Critical Fluid Extraction (PCT) | 0014 | 3.1000 | 0.08000 | 3.6850 | 1.2589 | 0.15000 | 3 | -0.46 | 8% | 0 |
| 013.11 | Fat, Super Critical Fluid Extraction (PCT) | 0417 | 5.1300 | 0.30000 | 3.6850 | 1.2589 | 0.15000 | 3 | 1.15 | 20% | 0 |
| 013.13 | Fat, Ankom- Acid Hydrolysis (PCT) | 0581 | 4.9750 | 0.19000 | | | 0.19000 | 1 | | | |
| 015.41 | Aluminum, ICP, Dry ash (PPM) | 0049 | 58.635 | 5.2500 | 80.142 | 19.236 | 3.0066 | 4 | -1.12 | 13% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (PPM) | 0164 | 75.000 | 2.0000 | 80.142 | 19.236 | 3.0066 | 4 | -0.27 | 3% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (PPM) | 0011 | 81.934 | 0.77650 | 80.142 | 19.236 | 3.0066 | 4 | 0.09 | 1% | 0 |
| 015.41 | Aluminum, ICP, Dry ash (PPM) | 0520 | 105.00 | 4.0000 | 80.142 | 19.236 | 3.0066 | 4 | 1.29 | 16% | 0 |
| 015.42 | Aluminum, ICP, Open vessel (PPM) | 0021 | 71.280 | 25.060 | 75.740 | 6.3074 | 12.930 | 2 | -0.71 | 3% | 0 |
| 015.42 | Aluminum, ICP, Open vessel (PPM) | 0560 | 80.200 | 0.80000 | 75.740 | 6.3074 | 12.930 | 2 | 0.71 | 3% | 0 |
| 015.43 | Aluminum, ICP, Microwave (PPM) | 0510 | 82.500 | 3.0000 | 86.302 | 3.5985 | 4.4700 | 3 | -1.06 | 2% | 0 |
| 015.43 | Aluminum, ICP, Microwave (PPM) | 0169 | 86.750 | 3.3000 | 86.302 | 3.5985 | 4.4700 | 3 | 0.12 | 0% | 0 |
| 015.43 | Aluminum, ICP, Microwave (PPM) | 0353 | 89.655 | 7.1100 | 86.302 | 3.5985 | 4.4700 | 3 | 0.93 | 2% | 0 |
| 015.52 | Aluminum, ICP-MS, Open vessel (PPM) | 0154 | 96.122 | 1.8350 | | | 1.8350 | 1 | | | |
| 017.31 | Boron, AAS, Dry ash (PPM) | 0307 | 7.7000 | 0.00000 | | | 0.00000 | 1 | | | |
| 017.41 | Boron, ICP, Dry ash (PPM) | 0358 | 6.9800 | 0.62000 | 9.0175 | 2.8815 | 0.32500 | 2 | -0.71 | 11% | 0 |
| 017.41 | Boron, ICP, Dry ash (PPM) | 0049 | 11.055 | 0.03000 | 9.0175 | 2.8815 | 0.32500 | 2 | 0.71 | 11% | 0 |
| 017.42 | Boron, ICP, Open vessel (PPM) | 0560 | 7.9000 | 0.40000 | 8.0750 | 0.24749 | 0.30000 | 2 | -0.71 | 1% | 0 |
| 017.42 | Boron, ICP, Open vessel (PPM) | 0045 | 8.2500 | 0.20000 | 8.0750 | 0.24749 | 0.30000 | 2 | 0.71 | 1% | 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 | | | |
| 017.43 | Boron, ICP, Microwave (PPM) | 0294 | 7.5400 | 0.08000 | 7.8183 | 0.27269 | 0.08333 | 3 | -1.02 | 2% | 0 |
| 017.43 | Boron, ICP, Microwave (PPM) | 0510 | 7.8300 | 0.14000 | 7.8183 | 0.27269 | 0.08333 | 3 | 0.04 | 0% | 0 |
| 017.43 | Boron, ICP, Microwave (PPM) | 0353 | 8.0850 | 0.03000 | 7.8183 | 0.27269 | 0.08333 | 3 | 0.98 | 2% | 0 |
| 018.41 | Cadmium, ICP, Dry ash (PPM) | 0011 | 0.06100 | 0.00500 | | | 0.00500 | 1 | | | |
| 018.52 | Cadmium, ICP-MS, Open vessel (PPM) | 0154 | 0.06150 | 0.00500 | | | 0.00500 | 1 | | | |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0898 | 0.61000 | 0.04000 | 0.76762 | 0.05254 | 0.01778 | 22 | -3.00 | 10% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0651 | 0.69850 | 0.00300 | 0.76762 | 0.05254 | 0.01778 | 22 | -1.32 | 5% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0620 | 0.70060 | 0.00000 | 0.76762 | 0.05254 | 0.01778 | 22 | -1.28 | 4% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0891 | 0.70330 | 0.01940 | 0.76762 | 0.05254 | 0.01778 | 22 | -1.22 | 4% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0901 | 0.71500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | -1.00 | 3% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0849 | 0.73000 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.72 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0892 | 0.75500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.24 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0895 | 0.76000 | 0.00000 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.14 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0886 | 0.76050 | 0.00700 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.14 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0878 | 0.76400 | 0.01200 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.07 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0043 | 0.76500 | 0.03000 | 0.76762 | 0.05254 | 0.01778 | 22 | -0.05 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0893 | 0.77000 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.05 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0194 | 0.77500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.14 | 0% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0887 | 0.78000 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.24 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0658 | 0.78110 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.26 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0903 | 0.79000 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.43 | 1% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0894 | 0.79500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.52 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0897 | 0.80500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | 0.71 | 2% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0716 | 0.82500 | 0.01000 | 0.76762 | 0.05254 | 0.01778 | 22 | 1.09 | 4% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0623 | 0.86435 | 0.04970 | 0.76762 | 0.05254 | 0.01778 | 22 | 1.84 | 6% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0552 | 0.96500 | 0.05000 | 0.76762 | 0.05254 | 0.01778 | 22 | 3.76 | 13% | 0 |
| 019.00 | Calcium, Ox-Mn04 Vol. (PCT) | 0681 | 1.5000 | 0.02000 | 0.76762 | 0.05254 | 0.01778 | 22 | 13.94 | 48% | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (PCT) | 0026 | 0.71000 | 0.02000 | 0.77967 | 0.04184 | 0.00714 | 5 | -1.66 | 4% | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (PCT) | 0307 | 0.78500 | 0.01000 | 0.77967 | 0.04184 | 0.00714 | 5 | 0.13 | 0% | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (PCT) | 0033 | 0.79000 | 0.00000 | 0.77967 | 0.04184 | 0.00714 | 5 | 0.25 | 1% | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (PCT) | 0043 | 0.79000 | 0.00000 | 0.77967 | 0.04184 | 0.00714 | 5 | 0.25 | 1% | 0 |
| 019.03 | Calcium, Semiauto (Autoanalyzer) (PCT) | 0036 | 0.82335 | 0.00570 | 0.77967 | 0.04184 | 0.00714 | 5 | 1.04 | 3% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0849 | 0.71000 | 0.02000 | 0.80000 | 0.07528 | 0.01500 | 8 | -1.20 | 6% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0590 | 0.75000 | 0.02000 | 0.80000 | 0.07528 | 0.01500 | 8 | -0.66 | 3% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0629 | 0.75500 | 0.01000 | 0.80000 | 0.07528 | 0.01500 | 8 | -0.60 | 3% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0879 | 0.76000 | 0.00000 | 0.80000 | 0.07528 | 0.01500 | 8 | -0.53 | 3% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0673 | 0.80500 | 0.01000 | 0.80000 | 0.07528 | 0.01500 | 8 | 0.07 | 0% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0689 | 0.86000 | 0.02000 | 0.80000 | 0.07528 | 0.01500 | 8 | 0.80 | 4% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0706 | 0.87000 | 0.02000 | 0.80000 | 0.07528 | 0.01500 | 8 | 0.93 | 4% | 0 |
| 019.08 | Calcium, EDTA (PCT) | 0138 | 0.89000 | 0.02000 | 0.80000 | 0.07528 | 0.01500 | 8 | 1.20 | 6% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0065 | 0.65070 | 0.05540 | 0.77363 | 0.03003 | 0.01515 | 31 | -4.09 | 8% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0142 | 0.68500 | 0.05000 | 0.77363 | 0.03003 | 0.01515 | 31 | -2.95 | 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 | | | |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0536 | 0.69100 | 0.00200 | 0.77363 | 0.03003 | 0.01515 | 31 | -2.75 | 5% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0307 | 0.70000 | 0.02000 | 0.77363 | 0.03003 | 0.01515 | 31 | -2.45 | 5% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0175 | 0.73500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | -1.29 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0670 | 0.74200 | 0.00600 | 0.77363 | 0.03003 | 0.01515 | 31 | -1.05 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0208 | 0.74600 | 0.02000 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.92 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0001 | 0.74700 | 0.06000 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.89 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0868 | 0.75950 | 0.00500 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.47 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0038 | 0.76500 | 0.02200 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.29 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0505 | 0.76500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.29 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0653 | 0.76500 | 0.03400 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.29 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0233 | 0.77000 | 0.00000 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.12 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0139 | 0.77150 | 0.00500 | 0.77363 | 0.03003 | 0.01515 | 31 | -0.07 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0669 | 0.77500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.05 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0674 | 0.77500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.05 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0723 | 0.77500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.05 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0596 | 0.78000 | 0.02000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.21 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0350 | 0.78100 | 0.00000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.25 | 0% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0178 | 0.78400 | 0.01400 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.35 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0874 | 0.78550 | 0.00500 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.40 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0354 | 0.79000 | 0.00000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.54 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0650 | 0.79000 | 0.02000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.54 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0866 | 0.79385 | 0.00490 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.67 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0152 | 0.79500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.71 | 1% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0036 | 0.79825 | 0.01650 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.82 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0014 | 0.80100 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 0.91 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0305 | 0.81000 | 0.00000 | 0.77363 | 0.03003 | 0.01515 | 31 | 1.21 | 2% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0018 | 0.82200 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 1.61 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0108 | 0.82500 | 0.01000 | 0.77363 | 0.03003 | 0.01515 | 31 | 1.71 | 3% | 0 |
| 019.31 | Calcium, AAS, Dry ash (PCT) | 0720 | 0.88000 | 0.02000 | 0.77363 | 0.03003 | 0.01515 | 31 | 3.54 | 7% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0609 | 0.61000 | 0.02000 | 0.73208 | 0.04640 | 0.01142 | 9 | -2.63 | 8% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0631 | 0.64500 | 0.01000 | 0.73208 | 0.04640 | 0.01142 | 9 | -1.88 | 6% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0169 | 0.71500 | 0.01000 | 0.73208 | 0.04640 | 0.01142 | 9 | -0.37 | 1% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0612 | 0.72500 | 0.01000 | 0.73208 | 0.04640 | 0.01142 | 9 | -0.15 | 0% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0026 | 0.73000 | 0.02000 | 0.73208 | 0.04640 | 0.01142 | 9 | -0.04 | 0% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0039 | 0.74370 | 0.00600 | 0.73208 | 0.04640 | 0.01142 | 9 | 0.25 | 1% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0035 | 0.75500 | 0.01000 | 0.73208 | 0.04640 | 0.01142 | 9 | 0.49 | 2% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0722 | 0.78580 | 0.00100 | 0.73208 | 0.04640 | 0.01142 | 9 | 1.16 | 4% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0504 | 0.81530 | 0.01580 | 0.73208 | 0.04640 | 0.01142 | 9 | 1.79 | 6% | 0 |
| 019.32 | Calcium, AAS, Open vessel (PCT) | 0013 | 0.83750 | 0.05900 | 0.73208 | 0.04640 | 0.01142 | 9 | 2.27 | 7% | 1 |
| 019.33 | Calcium, AAS, Microwave (PCT) | 0033 | 0.76000 | 0.00000 | | | 0.00000 | 1 | | | |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0405 | 0.69500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -2.04 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0144 | 0.70500 | 0.03000 | 0.76166 | 0.03261 | 0.01649 | 39 | -1.74 | 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 | | | |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0298 | 0.71000 | 0.02000 | 0.76166 | 0.03261 | 0.01649 | 39 | -1.58 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0520 | 0.71500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -1.43 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0026 | 0.72500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -1.12 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0019 | 0.73000 | 0.06000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.97 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0300 | 0.73400 | 0.00400 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.85 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0003 | 0.73500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.82 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0229 | 0.73500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.82 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0358 | 0.73500 | 0.03000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.82 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0008 | 0.73520 | 0.03560 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.81 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0164 | 0.74500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.51 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0550 | 0.74550 | 0.00300 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.50 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0148 | 0.75450 | 0.00500 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.22 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0123 | 0.75500 | 0.05000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.20 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0242 | 0.75500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.20 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0695 | 0.75500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.20 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0083 | 0.75550 | 0.00300 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.19 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0051 | 0.75895 | 0.03410 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.08 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0511 | 0.76000 | 0.04000 | 0.76166 | 0.03261 | 0.01649 | 39 | -0.05 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0074 | 0.76500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.10 | 0% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0089 | 0.77000 | 0.00000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.26 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0685 | 0.77000 | 0.02000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.26 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0171 | 0.77500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.41 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0425 | 0.77500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.41 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0848 | 0.77500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.41 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0407 | 0.77600 | 0.00200 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.44 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0049 | 0.78000 | 0.00000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.56 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0100 | 0.78000 | 0.00000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.56 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0029 | 0.78080 | 0.06580 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.59 | 1% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0512 | 0.78510 | 0.00280 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.72 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0413 | 0.79000 | 0.02000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.87 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0682 | 0.79000 | 0.00000 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.87 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0598 | 0.79315 | 0.00690 | 0.76166 | 0.03261 | 0.01649 | 39 | 0.97 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0011 | 0.79605 | 0.01190 | 0.76166 | 0.03261 | 0.01649 | 39 | 1.05 | 2% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0226 | 0.80500 | 0.01000 | 0.76166 | 0.03261 | 0.01649 | 39 | 1.33 | 3% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0860 | 0.82000 | 0.00000 | 0.76166 | 0.03261 | 0.01649 | 39 | 1.79 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0628 | 0.83000 | 0.04000 | 0.76166 | 0.03261 | 0.01649 | 39 | 2.10 | 4% | 0 |
| 019.41 | Calcium, ICP, Dry ash (PCT) | 0208 | 0.88050 | 0.02900 | 0.76166 | 0.03261 | 0.01649 | 39 | 3.64 | 8% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0560 | 0.68350 | 0.01500 | 0.77255 | 0.02939 | 0.02725 | 24 | -3.03 | 6% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0366 | 0.72000 | 0.00000 | 0.77255 | 0.02939 | 0.02725 | 24 | -1.79 | 3% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0168 | 0.73600 | 0.08600 | 0.77255 | 0.02939 | 0.02725 | 24 | -1.24 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0205 | 0.74800 | 0.05600 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.84 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0098 | 0.75000 | 0.02000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.77 | 1% | 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 | | | |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0045 | 0.75350 | 0.03900 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.65 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0035 | 0.75500 | 0.01000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.60 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0357 | 0.75500 | 0.03000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.60 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0186 | 0.76300 | 0.02000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.33 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0187 | 0.76520 | 0.00020 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.25 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0613 | 0.76850 | 0.00100 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.14 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0199 | 0.77000 | 0.02000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.09 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0265 | 0.77000 | 0.02000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.09 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0567 | 0.77000 | 0.00000 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.09 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0870 | 0.77075 | 0.01350 | 0.77255 | 0.02939 | 0.02725 | 24 | -0.06 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0692 | 0.78000 | 0.08000 | 0.77255 | 0.02939 | 0.02725 | 24 | 0.25 | 0% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0160 | 0.78645 | 0.01210 | 0.77255 | 0.02939 | 0.02725 | 24 | 0.47 | 1% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0190 | 0.80000 | 0.04000 | 0.77255 | 0.02939 | 0.02725 | 24 | 0.93 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0726 | 0.80250 | 0.00120 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.02 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0106 | 0.80400 | 0.00000 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.07 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0278 | 0.80500 | 0.05000 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.10 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0037 | 0.80900 | 0.03600 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.24 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0202 | 0.81000 | 0.00000 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.27 | 2% | 0 |
| 019.42 | Calcium, ICP, Open vessel (PCT) | 0096 | 0.81400 | 0.10400 | 0.77255 | 0.02939 | 0.02725 | 24 | 1.41 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0508 | 0.71890 | 0.06740 | 0.78234 | 0.04705 | 0.02164 | 10 | -1.35 | 4% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0616 | 0.73200 | 0.00600 | 0.78234 | 0.04705 | 0.02164 | 10 | -1.07 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0510 | 0.74000 | 0.02000 | 0.78234 | 0.04705 | 0.02164 | 10 | -0.90 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0294 | 0.78000 | 0.02000 | 0.78234 | 0.04705 | 0.02164 | 10 | -0.05 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0121 | 0.78300 | 0.00000 | 0.78234 | 0.04705 | 0.02164 | 10 | 0.01 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0353 | 0.78500 | 0.03000 | 0.78234 | 0.04705 | 0.02164 | 10 | 0.06 | 0% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0038 | 0.79800 | 0.01800 | 0.78234 | 0.04705 | 0.02164 | 10 | 0.33 | 1% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0027 | 0.81700 | 0.01600 | 0.78234 | 0.04705 | 0.02164 | 10 | 0.74 | 2% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0675 | 0.82500 | 0.01000 | 0.78234 | 0.04705 | 0.02164 | 10 | 0.91 | 3% | 0 |
| 019.43 | Calcium, ICP, Microwave (PCT) | 0042 | 0.84450 | 0.02900 | 0.78234 | 0.04705 | 0.02164 | 10 | 1.32 | 4% | 0 |
| 019.44 | Calcium, ICP, Dry ash (PCT) | 0098 | 0.75000 | 0.02000 | | | 0.02000 | 1 | | | |
| 019.52 | Calcium, ICP-MS, Open vessel (PCT) | 0154 | 0.69580 | 0.04560 | 0.77640 | 0.11399 | 0.06380 | 2 | -0.71 | 5% | 0 |
| 019.52 | Calcium, ICP-MS, Open vessel (PCT) | 0016 | 0.85700 | 0.08200 | 0.77640 | 0.11399 | 0.06380 | 2 | 0.71 | 5% | 0 |
| 019.53 | Calcium, ICP-MS, Microwave (PCT) | 0572 | 0.78250 | 0.01700 | | | 0.01700 | 1 | | | |
| 019.99 | Calcium, Miscellaneous (PCT) | 0889 | 0.71500 | 0.03000 | 0.74667 | 0.03884 | 0.02000 | 3 | -0.82 | 2% | 0 |
| 019.99 | Calcium, Miscellaneous (PCT) | 0665 | 0.73500 | 0.01000 | 0.74667 | 0.03884 | 0.02000 | 3 | -0.30 | 1% | 0 |
| 019.99 | Calcium, Miscellaneous (PCT) | 0047 | 0.79000 | 0.02000 | 0.74667 | 0.03884 | 0.02000 | 3 | 1.12 | 3% | 0 |
| 020.31 | Chromium, AAS, Dry ash (PPM) | 0164 | 1.5000 | 0.40000 | | | 0.40000 | 1 | | | |
| 020.32 | Chromium, AAS, Open vessel (PPM) | 0722 | 3.0069 | 0.27440 | | | 0.27440 | 1 | | | |
| 020.41 | Chromium, ICP, Dry ash (PPM) | 0011 | 1.3923 | 0.08650 | 1.4961 | 0.14690 | 0.14325 | 2 | -0.71 | 3% | 0 |
| 020.41 | Chromium, ICP, Dry ash (PPM) | 0171 | 1.6000 | 0.20000 | 1.4961 | 0.14690 | 0.14325 | 2 | 0.71 | 3% | 0 |
| 020.42 | Chromium, ICP, Open vessel (PPM) | 0560 | 1.1050 | 0.01000 | 1.3650 | 0.36770 | 0.04000 | 2 | -0.71 | 10% | 0 |
| 020.42 | Chromium, ICP, Open vessel (PPM) | 0567 | 1.6250 | 0.07000 | 1.3650 | 0.36770 | 0.04000 | 2 | 0.71 | 10% | 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 | | | |
| 020.43 | Chromium, ICP, Microwave (PPM) | 0616 | 1.9350 | 0.01000 | 1.9733 | 0.05008 | 0.15333 | 3 | -0.77 | 1% | 0 |
| 020.43 | Chromium, ICP, Microwave (PPM) | 0510 | 1.9550 | 0.03000 | 1.9733 | 0.05008 | 0.15333 | 3 | -0.37 | 0% | 0 |
| 020.43 | Chromium, ICP, Microwave (PPM) | 0508 | 2.0300 | 0.42000 | 1.9733 | 0.05008 | 0.15333 | 3 | 1.13 | 1% | 0 |
| 020.52 | Chromium, ICP-MS, Open vessel (PPM) | 0154 | 2.3700 | 0.73200 | | | 0.73200 | 1 | | | |
| 020.99 | Chromium, Miscellaneous (PPM) | 0675 | 1.8500 | 0.06000 | | | 0.06000 | 1 | | | |
| 021.31 | Cobalt, AAS, Dry ash (PPM) | 0689 | 0.20000 | 0.00000 | | | 0.00000 | 1 | | | |
| 021.32 | Cobalt, AAS, Open vessel (PPM) | 0722 | 0.56145 | 0.02490 | | | 0.02490 | 1 | | | |
| 021.41 | Cobalt, ICP, Dry ash (PPM) | 0011 | 0.61750 | 0.02900 | 0.73688 | 0.10044 | 0.04225 | 4 | -1.19 | 8% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (PPM) | 0629 | 0.70000 | 0.00000 | 0.73688 | 0.10044 | 0.04225 | 4 | -0.37 | 3% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (PPM) | 0029 | 0.78000 | 0.04000 | 0.73688 | 0.10044 | 0.04225 | 4 | 0.43 | 3% | 0 |
| 021.41 | Cobalt, ICP, Dry ash (PPM) | 0171 | 0.85000 | 0.10000 | 0.73688 | 0.10044 | 0.04225 | 4 | 1.13 | 8% | 0 |
| 021.42 | Cobalt, ICP, Open vessel (PPM) | 0726 | 0.57970 | 0.00980 | | | 0.00980 | 1 | | | |
| 021.43 | Cobalt, ICP, Microwave (PPM) | 0038 | 0.65000 | 0.10000 | 24.822 | 41.378 | 0.30333 | 3 | -0.58 | 49% | 0 |
| 021.43 | Cobalt, ICP, Microwave (PPM) | 0510 | 1.2150 | 0.01000 | 24.822 | 41.378 | 0.30333 | 3 | -0.57 | 48% | 0 |
| 021.43 | Cobalt, ICP, Microwave (PPM) | 0169 | 72.600 | 0.80000 | 24.822 | 41.378 | 0.30333 | 3 | 1.15 | 96% | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (PPM) | 0096 | 0.23650 | 0.00900 | 0.43225 | 0.27683 | 0.02750 | 2 | -0.71 | 23% | 0 |
| 021.52 | Cobalt, ICP-MS, Open vessel (PPM) | 0154 | 0.62800 | 0.04600 | 0.43225 | 0.27683 | 0.02750 | 2 | 0.71 | 23% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0720 | 16.335 | 0.20700 | 18.345 | 1.4369 | 0.57629 | 17 | -1.40 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0590 | 16.500 | 1.0000 | 18.345 | 1.4369 | 0.57629 | 17 | -1.28 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0354 | 16.805 | 0.55000 | 18.345 | 1.4369 | 0.57629 | 17 | -1.07 | 4% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0305 | 17.260 | 0.40000 | 18.345 | 1.4369 | 0.57629 | 17 | -0.76 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0689 | 17.400 | 0.00000 | 18.345 | 1.4369 | 0.57629 | 17 | -0.66 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0628 | 17.500 | 1.0000 | 18.345 | 1.4369 | 0.57629 | 17 | -0.59 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0178 | 17.530 | 0.38000 | 18.345 | 1.4369 | 0.57629 | 17 | -0.57 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0307 | 18.000 | 0.80000 | 18.345 | 1.4369 | 0.57629 | 17 | -0.24 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0866 | 18.575 | 0.09000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.16 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0868 | 18.600 | 2.4000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.18 | 1% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0505 | 19.000 | 0.00000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.46 | 2% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0208 | 19.500 | 1.0000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.80 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0536 | 19.525 | 0.45000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.82 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0653 | 19.595 | 0.31000 | 18.345 | 1.4369 | 0.57629 | 17 | 0.87 | 3% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0669 | 19.695 | 1.2100 | 18.345 | 1.4369 | 0.57629 | 17 | 0.94 | 4% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0350 | 20.000 | 0.00000 | 18.345 | 1.4369 | 0.57629 | 17 | 1.15 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0674 | 20.050 | 0.00000 | 18.345 | 1.4369 | 0.57629 | 17 | 1.19 | 5% | 0 |
| 022.31 | Copper, AAS, Dry ash (PPM) | 0596 | 20.500 | 3.0000 | 18.345 | 1.4369 | 0.57629 | 17 | 1.50 | 6% | 1 |
| 022.32 | Copper, AAS, Open vessel (PPM) | 0504 | 18.435 | 1.4700 | 20.181 | 1.4607 | 1.0673 | 4 | -1.19 | 4% | 0 |
| 022.32 | Copper, AAS, Open vessel (PPM) | 0038 | 20.000 | 2.0000 | 20.181 | 1.4607 | 1.0673 | 4 | -0.12 | 0% | 0 |
| 022.32 | Copper, AAS, Open vessel (PPM) | 0722 | 20.287 | 0.79900 | 20.181 | 1.4607 | 1.0673 | 4 | 0.07 | 0% | 0 |
| 022.32 | Copper, AAS, Open vessel (PPM) | 0035 | 22.000 | 0.00000 | 20.181 | 1.4607 | 1.0673 | 4 | 1.25 | 5% | 0 |
| 022.33 | Copper, AAS, Microwave (PPM) | 0716 | 16.500 | 1.0000 | | | 1.0000 | 1 | | | |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0695 | 6.8100 | 3.0400 | 17.647 | 2.1060 | 1.0444 | 28 | -5.15 | 31% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0685 | 10.940 | 0.86000 | 17.647 | 2.1060 | 1.0444 | 28 | -3.18 | 19% | 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) | 0550 | 12.581 | 0.21400 | 17.647 | 2.1060 | 1.0444 | 28 | -2.41 | 14% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0425 | 13.350 | 0.10000 | 17.647 | 2.1060 | 1.0444 | 28 | -2.04 | 12% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0598 | 15.500 | 5.0000 | 17.647 | 2.1060 | 1.0444 | 28 | -1.02 | 6% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0511 | 16.000 | 0.00000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.78 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0026 | 16.250 | 0.90000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.66 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0358 | 16.335 | 0.41000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.62 | 4% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0242 | 16.500 | 1.0000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.54 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0074 | 17.000 | 0.00000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.31 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0164 | 17.000 | 2.0000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.31 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0051 | 17.370 | 1.4800 | 17.647 | 2.1060 | 1.0444 | 28 | -0.13 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0049 | 17.395 | 1.3500 | 17.647 | 2.1060 | 1.0444 | 28 | -0.12 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0229 | 17.500 | 1.0000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.07 | 0% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0083 | 17.600 | 0.60000 | 17.647 | 2.1060 | 1.0444 | 28 | -0.02 | 0% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0100 | 18.000 | 2.0000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.17 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0208 | 18.000 | 0.00000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.17 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0011 | 18.025 | 0.71000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.18 | 1% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0520 | 18.500 | 1.0000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.40 | 2% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0629 | 18.750 | 0.10000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.52 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0407 | 18.760 | 0.40000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.53 | 3% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0512 | 19.295 | 1.9100 | 17.647 | 2.1060 | 1.0444 | 28 | 0.78 | 5% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0029 | 19.855 | 0.51000 | 17.647 | 2.1060 | 1.0444 | 28 | 1.05 | 6% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0148 | 20.090 | 0.26000 | 17.647 | 2.1060 | 1.0444 | 28 | 1.16 | 7% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0171 | 20.400 | 1.4000 | 17.647 | 2.1060 | 1.0444 | 28 | 1.31 | 8% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0226 | 20.500 | 1.0000 | 17.647 | 2.1060 | 1.0444 | 28 | 1.35 | 8% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0405 | 22.000 | 2.0000 | 17.647 | 2.1060 | 1.0444 | 28 | 2.07 | 12% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0682 | 22.200 | 0.00000 | 17.647 | 2.1060 | 1.0444 | 28 | 2.16 | 13% | 0 |
| 022.41 | Copper, ICP, Dry ash (PPM) | 0003 | 19.500 | 7.0000 | 17.647 | 2.1060 | 1.0444 | 28 | 0.88 | 5% | 1 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0726 | 16.440 | 0.06000 | 18.585 | 1.5104 | 0.48541 | 22 | -1.42 | 6% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0265 | 17.000 | 0.00000 | 18.585 | 1.5104 | 0.48541 | 22 | -1.05 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0366 | 17.000 | 0.00000 | 18.585 | 1.5104 | 0.48541 | 22 | -1.05 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0098 | 17.100 | 0.80000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.98 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0186 | 17.500 | 1.0000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.72 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0613 | 17.546 | 0.41900 | 18.585 | 1.5104 | 0.48541 | 22 | -0.69 | 3% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0045 | 17.850 | 0.90000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.49 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0160 | 18.000 | 0.00000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.39 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0357 | 18.000 | 0.00000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.39 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0199 | 18.010 | 0.68000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.38 | 2% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0190 | 18.075 | 0.39000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.34 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0560 | 18.150 | 0.50000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.29 | 1% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0021 | 18.445 | 0.13000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.09 | 0% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0096 | 18.475 | 2.7500 | 18.585 | 1.5104 | 0.48541 | 22 | -0.07 | 0% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0278 | 19.100 | 1.0000 | 18.585 | 1.5104 | 0.48541 | 22 | 0.34 | 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 | | | |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0106 | 20.150 | 0.10000 | 18.585 | 1.5104 | 0.48541 | 22 | 1.04 | 4% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0567 | 20.500 | 1.0000 | 18.585 | 1.5104 | 0.48541 | 22 | 1.27 | 5% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0187 | 20.925 | 0.09000 | 18.585 | 1.5104 | 0.48541 | 22 | 1.55 | 6% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0202 | 21.015 | 0.01000 | 18.585 | 1.5104 | 0.48541 | 22 | 1.61 | 7% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0037 | 21.575 | 0.53000 | 18.585 | 1.5104 | 0.48541 | 22 | 1.98 | 8% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0870 | 21.990 | 0.32000 | 18.585 | 1.5104 | 0.48541 | 22 | 2.25 | 9% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0035 | 22.000 | 0.00000 | 18.585 | 1.5104 | 0.48541 | 22 | 2.26 | 9% | 0 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0413 | 18.150 | 4.1000 | 18.585 | 1.5104 | 0.48541 | 22 | -0.29 | 1% | 1 |
| 022.42 | Copper, ICP, Open vessel (PPM) | 0692 | 21.700 | 4.4000 | 18.585 | 1.5104 | 0.48541 | 22 | 2.06 | 8% | 1 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0675 | 11.755 | 0.45000 | 18.182 | 2.9961 | 0.75900 | 10 | -2.15 | 18% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0510 | 16.000 | 0.00000 | 18.182 | 2.9961 | 0.75900 | 10 | -0.73 | 6% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0508 | 16.005 | 0.83000 | 18.182 | 2.9961 | 0.75900 | 10 | -0.73 | 6% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0169 | 17.100 | 0.20000 | 18.182 | 2.9961 | 0.75900 | 10 | -0.36 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0616 | 17.500 | 1.4000 | 18.182 | 2.9961 | 0.75900 | 10 | -0.23 | 2% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0353 | 17.750 | 0.04000 | 18.182 | 2.9961 | 0.75900 | 10 | -0.14 | 1% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0038 | 19.400 | 1.2000 | 18.182 | 2.9961 | 0.75900 | 10 | 0.41 | 3% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0042 | 21.450 | 2.3000 | 18.182 | 2.9961 | 0.75900 | 10 | 1.09 | 9% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0294 | 22.290 | 0.18000 | 18.182 | 2.9961 | 0.75900 | 10 | 1.37 | 11% | 0 |
| 022.43 | Copper, ICP, Microwave (PPM) | 0121 | 48.555 | 0.99000 | 18.182 | 2.9961 | 0.75900 | 10 | 10.14 | 84% | 0 |
| 022.44 | Copper, ICP, Dry ash (PPM) | 0098 | 17.750 | 1.9000 | | | 1.9000 | 1 | | | |
| 022.52 | Copper, ICP-MS, Open vessel (PPM) | 0154 | 15.390 | 0.89800 | | | 0.89800 | 1 | | | |
| 022.53 | Copper, ICP-MS, Microwave (PPM) | 0572 | 18.600 | 0.40000 | | | 0.40000 | 1 | | | |
| 022.99 | Copper, Miscellaneous (PPM) | 0889 | 30.000 | 0.00000 | | | 0.00000 | 1 | | | |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0628 | 154.50 | 3.0000 | 243.09 | 12.402 | 3.6719 | 16 | -7.14 | 18% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0305 | 215.96 | 3.0000 | 243.09 | 12.402 | 3.6719 | 16 | -2.19 | 6% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0307 | 233.50 | 3.0000 | 243.09 | 12.402 | 3.6719 | 16 | -0.77 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0720 | 234.05 | 2.5000 | 243.09 | 12.402 | 3.6719 | 16 | -0.73 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0596 | 234.50 | 1.0000 | 243.09 | 12.402 | 3.6719 | 16 | -0.69 | 2% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0208 | 237.00 | 2.0000 | 243.09 | 12.402 | 3.6719 | 16 | -0.49 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0670 | 241.50 | 1.0000 | 243.09 | 12.402 | 3.6719 | 16 | -0.13 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0689 | 242.70 | 6.0000 | 243.09 | 12.402 | 3.6719 | 16 | -0.03 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0874 | 243.50 | 7.0000 | 243.09 | 12.402 | 3.6719 | 16 | 0.03 | 0% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0354 | 246.81 | 2.3800 | 243.09 | 12.402 | 3.6719 | 16 | 0.30 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0505 | 247.50 | 7.0000 | 243.09 | 12.402 | 3.6719 | 16 | 0.36 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0038 | 248.50 | 3.0000 | 243.09 | 12.402 | 3.6719 | 16 | 0.44 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0868 | 250.00 | 6.0000 | 243.09 | 12.402 | 3.6719 | 16 | 0.56 | 1% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0350 | 257.50 | 1.0000 | 243.09 | 12.402 | 3.6719 | 16 | 1.16 | 3% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0175 | 261.00 | 6.0000 | 243.09 | 12.402 | 3.6719 | 16 | 1.44 | 4% | 0 |
| 025.31 | Iron, AAS, Dry ash (PPM) | 0669 | 265.55 | 4.8700 | 243.09 | 12.402 | 3.6719 | 16 | 1.81 | 5% | 0 |
| 025.32 | Iron, AAS, Open vessel (PPM) | 0035 | 240.50 | 1.0000 | 249.44 | 8.8034 | 3.8401 | 3 | -1.02 | 2% | 0 |
| 025.32 | Iron, AAS, Open vessel (PPM) | 0722 | 249.72 | 2.1202 | 249.44 | 8.8034 | 3.8401 | 3 | 0.03 | 0% | 0 |
| 025.32 | Iron, AAS, Open vessel (PPM) | 0504 | 258.10 | 8.4000 | 249.44 | 8.8034 | 3.8401 | 3 | 0.98 | 2% | 0 |

| Method Code | Analyte Name and Method (Units) | Lab Code | Lab Data | | Method Values | | | | AAFCCO CS Z Score | Threshold %RSD | Flag |
|-------------|---------------------------------|----------|----------|---------|---------------|--------|--------|--------|-------------------|----------------|------|
| | | | Value | Range | Rob Mean | Rob SD | R-bar | # Labs | | | |
| 025.33 | Iron, AAS, Microwave (PPM) | 0716 | 208.50 | 29.000 | | | 29.000 | 1 | | | |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0300 | 175.94 | 7.9360 | 240.08 | 12.000 | 4.7042 | 30 | -5.35 | 13% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0226 | 204.50 | 7.0000 | 240.08 | 12.000 | 4.7042 | 30 | -2.97 | 7% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0026 | 211.50 | 1.0000 | 240.08 | 12.000 | 4.7042 | 30 | -2.38 | 6% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0598 | 213.00 | 2.0000 | 240.08 | 12.000 | 4.7042 | 30 | -2.26 | 6% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0358 | 220.25 | 3.2400 | 240.08 | 12.000 | 4.7042 | 30 | -1.65 | 4% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0098 | 229.80 | 10.400 | 240.08 | 12.000 | 4.7042 | 30 | -0.86 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0425 | 230.25 | 0.50000 | 240.08 | 12.000 | 4.7042 | 30 | -0.82 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0100 | 235.00 | 8.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.42 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0164 | 236.00 | 2.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.34 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0229 | 236.00 | 2.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.34 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0511 | 236.00 | 6.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.34 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0695 | 236.58 | 1.5400 | 240.08 | 12.000 | 4.7042 | 30 | -0.29 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0148 | 237.55 | 7.1000 | 240.08 | 12.000 | 4.7042 | 30 | -0.21 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0051 | 239.50 | 1.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.05 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0242 | 239.50 | 3.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.05 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0407 | 239.50 | 1.0000 | 240.08 | 12.000 | 4.7042 | 30 | -0.05 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0512 | 240.20 | 3.2000 | 240.08 | 12.000 | 4.7042 | 30 | 0.01 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0074 | 241.00 | 6.0000 | 240.08 | 12.000 | 4.7042 | 30 | 0.08 | 0% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0011 | 243.59 | 12.200 | 240.08 | 12.000 | 4.7042 | 30 | 0.29 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0083 | 245.50 | 5.0000 | 240.08 | 12.000 | 4.7042 | 30 | 0.45 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0171 | 246.50 | 5.0000 | 240.08 | 12.000 | 4.7042 | 30 | 0.53 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0629 | 246.50 | 1.0000 | 240.08 | 12.000 | 4.7042 | 30 | 0.53 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0049 | 246.88 | 8.5700 | 240.08 | 12.000 | 4.7042 | 30 | 0.57 | 1% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0029 | 251.60 | 12.400 | 240.08 | 12.000 | 4.7042 | 30 | 0.96 | 2% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0405 | 252.50 | 5.0000 | 240.08 | 12.000 | 4.7042 | 30 | 1.03 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0682 | 253.09 | 0.00000 | 240.08 | 12.000 | 4.7042 | 30 | 1.08 | 3% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0520 | 266.00 | 16.000 | 240.08 | 12.000 | 4.7042 | 30 | 2.16 | 5% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0208 | 276.50 | 1.0000 | 240.08 | 12.000 | 4.7042 | 30 | 3.03 | 8% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0685 | 286.91 | 1.0300 | 240.08 | 12.000 | 4.7042 | 30 | 3.90 | 10% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0550 | 294.00 | 1.0100 | 240.08 | 12.000 | 4.7042 | 30 | 4.49 | 11% | 0 |
| 025.41 | Iron, ICP, Dry ash (PPM) | 0003 | 143.00 | 32.000 | 240.08 | 12.000 | 4.7042 | 30 | -8.09 | 20% | 1 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0168 | 170.50 | 19.000 | 229.97 | 13.920 | 11.110 | 21 | -4.27 | 13% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0278 | 185.00 | 6.0000 | 229.97 | 13.920 | 11.110 | 21 | -3.23 | 10% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0098 | 193.90 | 49.200 | 229.97 | 13.920 | 11.110 | 21 | -2.59 | 8% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0560 | 217.00 | 6.0000 | 229.97 | 13.920 | 11.110 | 21 | -0.93 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0726 | 221.35 | 0.30000 | 229.97 | 13.920 | 11.110 | 21 | -0.62 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0096 | 223.65 | 23.300 | 229.97 | 13.920 | 11.110 | 21 | -0.45 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0186 | 225.50 | 15.000 | 229.97 | 13.920 | 11.110 | 21 | -0.32 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0190 | 226.89 | 1.8400 | 229.97 | 13.920 | 11.110 | 21 | -0.22 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0106 | 228.50 | 3.0000 | 229.97 | 13.920 | 11.110 | 21 | -0.11 | 0% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0160 | 228.50 | 11.000 | 229.97 | 13.920 | 11.110 | 21 | -0.11 | 0% | 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 | | | |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0870 | 228.85 | 2.9000 | 229.97 | 13.920 | 11.110 | 21 | -0.08 | 0% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0413 | 232.50 | 1.0000 | 229.97 | 13.920 | 11.110 | 21 | 0.18 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0187 | 232.78 | 2.4500 | 229.97 | 13.920 | 11.110 | 21 | 0.20 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0692 | 234.00 | 14.000 | 229.97 | 13.920 | 11.110 | 21 | 0.29 | 1% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0199 | 237.67 | 2.0200 | 229.97 | 13.920 | 11.110 | 21 | 0.55 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0035 | 238.00 | 2.0000 | 229.97 | 13.920 | 11.110 | 21 | 0.58 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0613 | 239.55 | 6.3000 | 229.97 | 13.920 | 11.110 | 21 | 0.69 | 2% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0567 | 241.50 | 29.000 | 229.97 | 13.920 | 11.110 | 21 | 0.83 | 3% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0045 | 250.00 | 14.000 | 229.97 | 13.920 | 11.110 | 21 | 1.44 | 4% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0366 | 257.50 | 5.0000 | 229.97 | 13.920 | 11.110 | 21 | 1.98 | 6% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0037 | 270.00 | 20.000 | 229.97 | 13.920 | 11.110 | 21 | 2.88 | 9% | 0 |
| 025.42 | Iron, ICP, Open vessel (PPM) | 0265 | 263.00 | 72.000 | 229.97 | 13.920 | 11.110 | 21 | 2.37 | 7% | 1 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0675 | 203.18 | 10.760 | 238.33 | 26.443 | 10.277 | 10 | -1.33 | 7% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0616 | 210.00 | 6.0000 | 238.33 | 26.443 | 10.277 | 10 | -1.07 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0169 | 219.50 | 5.0000 | 238.33 | 26.443 | 10.277 | 10 | -0.71 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0294 | 230.06 | 1.4800 | 238.33 | 26.443 | 10.277 | 10 | -0.31 | 2% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0353 | 232.45 | 22.900 | 238.33 | 26.443 | 10.277 | 10 | -0.22 | 1% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0121 | 239.83 | 9.6800 | 238.33 | 26.443 | 10.277 | 10 | 0.06 | 0% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0510 | 256.00 | 4.0000 | 238.33 | 26.443 | 10.277 | 10 | 0.67 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0508 | 256.29 | 24.950 | 238.33 | 26.443 | 10.277 | 10 | 0.68 | 4% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0038 | 267.50 | 5.0000 | 238.33 | 26.443 | 10.277 | 10 | 1.10 | 6% | 0 |
| 025.43 | Iron, ICP, Microwave (PPM) | 0042 | 268.50 | 13.000 | 238.33 | 26.443 | 10.277 | 10 | 1.14 | 6% | 0 |
| 025.52 | Iron, ICP-MS, Open vessel (PPM) | 0154 | 238.21 | 19.549 | | | 19.549 | 1 | | | |
| 025.99 | Iron, Miscellaneous (PPM) | 0889 | 291.50 | 3.0000 | | | 3.0000 | 1 | | | |
| 026.31 | Lead, AAS, Dry ash (PPM) | 0689 | 0.20000 | 0.00000 | | | 0.00000 | 1 | | | |
| 026.52 | Lead, ICP-MS, Open vessel (PPM) | 0154 | 0.08850 | 0.00700 | | | 0.00700 | 1 | | | |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0874 | 0.03850 | 0.00060 | 0.20389 | 0.01529 | 0.00644 | 18 | -10.82 | 41% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0065 | 0.15150 | 0.00100 | 0.20389 | 0.01529 | 0.00644 | 18 | -3.43 | 13% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0142 | 0.18500 | 0.01000 | 0.20389 | 0.01529 | 0.00644 | 18 | -1.24 | 5% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0596 | 0.19000 | 0.02000 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.91 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0628 | 0.19500 | 0.01000 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.58 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0139 | 0.19605 | 0.00330 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.51 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0305 | 0.20000 | 0.02000 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.25 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0307 | 0.20000 | 0.00000 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.25 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0505 | 0.20200 | 0.00200 | 0.20389 | 0.01529 | 0.00644 | 18 | -0.12 | 0% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0175 | 0.20500 | 0.01000 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.07 | 0% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0350 | 0.20750 | 0.00300 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.24 | 1% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0038 | 0.21050 | 0.00300 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.43 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0014 | 0.21100 | 0.00400 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.47 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0868 | 0.21300 | 0.00000 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.60 | 2% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0650 | 0.21745 | 0.00710 | 0.20389 | 0.01529 | 0.00644 | 18 | 0.89 | 3% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0354 | 0.22500 | 0.01000 | 0.20389 | 0.01529 | 0.00644 | 18 | 1.38 | 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 | | | |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0208 | 0.23100 | 0.00200 | 0.20389 | 0.01529 | 0.00644 | 18 | 1.77 | 7% | 0 |
| 027.31 | Magnesium, AAS, Dry ash (PCT) | 0720 | 0.23500 | 0.01000 | 0.20389 | 0.01529 | 0.00644 | 18 | 2.04 | 8% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (PCT) | 0035 | 0.20000 | 0.00000 | 0.21315 | 0.01342 | 0.00766 | 5 | -0.98 | 3% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (PCT) | 0169 | 0.20500 | 0.01000 | 0.21315 | 0.01342 | 0.00766 | 5 | -0.61 | 2% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (PCT) | 0504 | 0.21160 | 0.01720 | 0.21315 | 0.01342 | 0.00766 | 5 | -0.12 | 0% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (PCT) | 0722 | 0.21415 | 0.00110 | 0.21315 | 0.01342 | 0.00766 | 5 | 0.07 | 0% | 0 |
| 027.32 | Magnesium, AAS, Open vessel (PCT) | 0609 | 0.23500 | 0.01000 | 0.21315 | 0.01342 | 0.00766 | 5 | 1.63 | 5% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0358 | 0.19500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.51 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0083 | 0.19550 | 0.00100 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.46 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0300 | 0.19600 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.41 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0164 | 0.20000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.02 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0229 | 0.20000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.02 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0425 | 0.20000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -1.02 | 3% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0051 | 0.20215 | 0.00310 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.82 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0026 | 0.20400 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.64 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0242 | 0.20500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.54 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0148 | 0.20700 | 0.00200 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.35 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0171 | 0.20850 | 0.00300 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.20 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0049 | 0.21000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.05 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0413 | 0.21000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.05 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0695 | 0.21000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.05 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0226 | 0.21000 | 0.02000 | 0.21056 | 0.01031 | 0.00527 | 28 | -0.05 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0598 | 0.21140 | 0.00020 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.08 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0029 | 0.21240 | 0.01740 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.18 | 0% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0100 | 0.21500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.43 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0511 | 0.21500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.43 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0682 | 0.21500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.43 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0208 | 0.21600 | 0.00200 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.53 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0550 | 0.21650 | 0.00100 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.58 | 1% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0520 | 0.22000 | 0.02000 | 0.21056 | 0.01031 | 0.00527 | 28 | 0.92 | 2% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0011 | 0.22580 | 0.00280 | 0.21056 | 0.01031 | 0.00527 | 28 | 1.48 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0629 | 0.22850 | 0.00300 | 0.21056 | 0.01031 | 0.00527 | 28 | 1.74 | 4% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0407 | 0.23000 | 0.00200 | 0.21056 | 0.01031 | 0.00527 | 28 | 1.89 | 5% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0405 | 0.24500 | 0.01000 | 0.21056 | 0.01031 | 0.00527 | 28 | 3.34 | 8% | 0 |
| 027.41 | Magnesium, ICP, Dry ash (PCT) | 0003 | 0.27000 | 0.00000 | 0.21056 | 0.01031 | 0.00527 | 28 | 5.76 | 14% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0098 | 0.19000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | -1.93 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0187 | 0.19530 | 0.00040 | 0.20523 | 0.00788 | 0.00344 | 20 | -1.26 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0160 | 0.19600 | 0.00200 | 0.20523 | 0.00788 | 0.00344 | 20 | -1.17 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0035 | 0.20000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.66 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0168 | 0.20000 | 0.01200 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.66 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0265 | 0.20000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.66 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0357 | 0.20000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.66 | 1% | 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 | | | |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0567 | 0.20000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.66 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0560 | 0.20350 | 0.00100 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.22 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0045 | 0.20400 | 0.00400 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.16 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0199 | 0.20500 | 0.01000 | 0.20523 | 0.00788 | 0.00344 | 20 | -0.03 | 0% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0870 | 0.20730 | 0.01640 | 0.20523 | 0.00788 | 0.00344 | 20 | 0.26 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0613 | 0.20800 | 0.00200 | 0.20523 | 0.00788 | 0.00344 | 20 | 0.35 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0037 | 0.20850 | 0.00300 | 0.20523 | 0.00788 | 0.00344 | 20 | 0.41 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0186 | 0.21000 | 0.00800 | 0.20523 | 0.00788 | 0.00344 | 20 | 0.61 | 1% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0366 | 0.21500 | 0.01000 | 0.20523 | 0.00788 | 0.00344 | 20 | 1.24 | 2% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0106 | 0.21700 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | 1.49 | 3% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0692 | 0.22000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | 1.88 | 4% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0278 | 0.23000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | 3.14 | 6% | 0 |
| 027.42 | Magnesium, ICP, Open vessel (PCT) | 0202 | 0.24000 | 0.00000 | 0.20523 | 0.00788 | 0.00344 | 20 | 4.41 | 8% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0508 | 0.19875 | 0.02390 | 0.20592 | 0.00757 | 0.00761 | 8 | -0.95 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0294 | 0.20000 | 0.00000 | 0.20592 | 0.00757 | 0.00761 | 8 | -0.78 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0675 | 0.20000 | 0.00000 | 0.20592 | 0.00757 | 0.00761 | 8 | -0.78 | 1% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0616 | 0.20500 | 0.00200 | 0.20592 | 0.00757 | 0.00761 | 8 | -0.12 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0353 | 0.20500 | 0.01000 | 0.20592 | 0.00757 | 0.00761 | 8 | -0.12 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0038 | 0.20750 | 0.01300 | 0.20592 | 0.00757 | 0.00761 | 8 | 0.21 | 0% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0510 | 0.21500 | 0.01000 | 0.20592 | 0.00757 | 0.00761 | 8 | 1.20 | 2% | 0 |
| 027.43 | Magnesium, ICP, Microwave (PCT) | 0042 | 0.23200 | 0.00200 | 0.20592 | 0.00757 | 0.00761 | 8 | 3.44 | 6% | 0 |
| 027.44 | Magnesium, ICP, Dry ash (PCT) | 0098 | 0.20500 | 0.01000 | | | 0.01000 | 1 | | | |
| 027.52 | Magnesium, ICP-MS, Open vessel (PCT) | 0154 | 0.20085 | 0.00070 | | | 0.00070 | 1 | | | |
| 027.53 | Magnesium, ICP-MS, Microwave (PCT) | 0572 | 0.21250 | 0.01700 | | | 0.01700 | 1 | | | |
| 027.99 | Magnesium, Miscellaneous (PCT) | 0889 | 0.24000 | 0.02000 | | | 0.02000 | 1 | | | |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0720 | 40.405 | 2.2100 | 53.010 | 3.2186 | 1.5820 | 15 | -3.92 | 12% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0305 | 47.380 | 0.20000 | 53.010 | 3.2186 | 1.5820 | 15 | -1.75 | 5% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0689 | 48.950 | 2.1000 | 53.010 | 3.2186 | 1.5820 | 15 | -1.26 | 4% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0590 | 49.200 | 3.2000 | 53.010 | 3.2186 | 1.5820 | 15 | -1.18 | 4% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0596 | 51.500 | 3.0000 | 53.010 | 3.2186 | 1.5820 | 15 | -0.47 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0628 | 52.000 | 2.0000 | 53.010 | 3.2186 | 1.5820 | 15 | -0.31 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0354 | 53.445 | 0.45000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.14 | 0% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0307 | 53.450 | 1.3000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.14 | 0% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0178 | 54.540 | 1.5800 | 53.010 | 3.2186 | 1.5820 | 15 | 0.48 | 1% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0669 | 54.885 | 1.4900 | 53.010 | 3.2186 | 1.5820 | 15 | 0.58 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0350 | 55.000 | 0.00000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.62 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0505 | 55.000 | 2.0000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.62 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0175 | 55.500 | 3.0000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.77 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0208 | 55.500 | 1.0000 | 53.010 | 3.2186 | 1.5820 | 15 | 0.77 | 2% | 0 |
| 028.31 | Manganese, AAS, Dry ash (PPM) | 0536 | 64.350 | 0.20000 | 53.010 | 3.2186 | 1.5820 | 15 | 3.52 | 11% | 0 |
| 028.32 | Manganese, AAS, Open vessel (PPM) | 0504 | 46.430 | 3.3400 | 56.808 | 7.9909 | 1.5305 | 4 | -1.30 | 9% | 0 |
| 028.32 | Manganese, AAS, Open vessel (PPM) | 0038 | 56.500 | 1.0000 | 56.808 | 7.9909 | 1.5305 | 4 | -0.04 | 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 | | | |
| 028.32 | Manganese, AAS, Open vessel (PPM) | 0035 | 58.500 | 1.0000 | 56.808 | 7.9909 | 1.5305 | 4 | 0.21 | 1% | 0 |
| 028.32 | Manganese, AAS, Open vessel (PPM) | 0722 | 65.803 | 0.78200 | 56.808 | 7.9909 | 1.5305 | 4 | 1.13 | 8% | 0 |
| 028.33 | Manganese, AAS, Microwave (PPM) | 0716 | 38.000 | 2.0000 | | | 2.0000 | 1 | | | |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0685 | 46.740 | 0.12000 | 53.396 | 3.8599 | 1.6374 | 29 | -1.72 | 6% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0425 | 48.400 | 0.00000 | 53.396 | 3.8599 | 1.6374 | 29 | -1.29 | 5% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0695 | 48.620 | 1.8400 | 53.396 | 3.8599 | 1.6374 | 29 | -1.24 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0300 | 49.019 | 0.15400 | 53.396 | 3.8599 | 1.6374 | 29 | -1.13 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0026 | 49.050 | 0.50000 | 53.396 | 3.8599 | 1.6374 | 29 | -1.13 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0100 | 49.500 | 3.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -1.01 | 4% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0511 | 50.500 | 3.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.75 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0598 | 50.500 | 1.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.75 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0049 | 50.780 | 6.3000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.68 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0226 | 51.500 | 1.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.49 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0164 | 52.500 | 3.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.23 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0242 | 52.500 | 1.0000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.23 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0083 | 53.250 | 2.3000 | 53.396 | 3.8599 | 1.6374 | 29 | -0.04 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0029 | 53.585 | 2.3700 | 53.396 | 3.8599 | 1.6374 | 29 | 0.05 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0682 | 53.650 | 0.00000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.07 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0407 | 53.860 | 0.66000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.12 | 0% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0074 | 54.000 | 6.0000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.16 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0512 | 54.475 | 2.0500 | 53.396 | 3.8599 | 1.6374 | 29 | 0.28 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0148 | 54.690 | 0.42000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.34 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0011 | 54.953 | 0.42500 | 53.396 | 3.8599 | 1.6374 | 29 | 0.40 | 1% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0629 | 55.350 | 0.70000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.51 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0051 | 55.435 | 1.3500 | 53.396 | 3.8599 | 1.6374 | 29 | 0.53 | 2% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0171 | 56.500 | 1.0000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.80 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0358 | 56.705 | 3.6100 | 53.396 | 3.8599 | 1.6374 | 29 | 0.86 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0229 | 57.000 | 2.0000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.93 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0520 | 57.000 | 2.0000 | 53.396 | 3.8599 | 1.6374 | 29 | 0.93 | 3% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0208 | 62.000 | 0.00000 | 53.396 | 3.8599 | 1.6374 | 29 | 2.23 | 8% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0550 | 63.631 | 0.68500 | 53.396 | 3.8599 | 1.6374 | 29 | 2.65 | 10% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0405 | 72.500 | 1.0000 | 53.396 | 3.8599 | 1.6374 | 29 | 4.95 | 18% | 0 |
| 028.41 | Manganese, ICP, Dry ash (PPM) | 0003 | 73.000 | 10.000 | 53.396 | 3.8599 | 1.6374 | 29 | 5.08 | 18% | 1 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0870 | 47.600 | 0.94000 | 54.249 | 2.7007 | 1.7517 | 23 | -2.46 | 6% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0096 | 50.515 | 2.3300 | 54.249 | 2.7007 | 1.7517 | 23 | -1.38 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0190 | 50.700 | 0.12000 | 54.249 | 2.7007 | 1.7517 | 23 | -1.31 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0278 | 51.000 | 0.00000 | 54.249 | 2.7007 | 1.7517 | 23 | -1.20 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0037 | 51.625 | 4.5100 | 54.249 | 2.7007 | 1.7517 | 23 | -0.97 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0413 | 52.100 | 4.4000 | 54.249 | 2.7007 | 1.7517 | 23 | -0.80 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0613 | 52.635 | 0.27000 | 54.249 | 2.7007 | 1.7517 | 23 | -0.60 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0265 | 53.000 | 0.00000 | 54.249 | 2.7007 | 1.7517 | 23 | -0.46 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0045 | 54.000 | 1.0000 | 54.249 | 2.7007 | 1.7517 | 23 | -0.09 | 0% | 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 | | | |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0186 | 54.000 | 2.0000 | 54.249 | 2.7007 | 1.7517 | 23 | -0.09 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0021 | 54.180 | 3.6200 | 54.249 | 2.7007 | 1.7517 | 23 | -0.03 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0357 | 54.500 | 1.0000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.09 | 0% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0692 | 55.000 | 2.0000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.28 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0098 | 55.500 | 1.2000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.46 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0160 | 55.500 | 5.0000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.46 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0202 | 55.500 | 0.94000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.46 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0560 | 55.600 | 1.8000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.50 | 1% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0035 | 56.000 | 0.00000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.65 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0187 | 56.380 | 0.40000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.79 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0366 | 56.500 | 1.0000 | 54.249 | 2.7007 | 1.7517 | 23 | 0.83 | 2% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0567 | 57.000 | 4.0000 | 54.249 | 2.7007 | 1.7517 | 23 | 1.02 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0726 | 57.840 | 0.06000 | 54.249 | 2.7007 | 1.7517 | 23 | 1.33 | 3% | 0 |
| 028.42 | Manganese, ICP, Open vessel (PPM) | 0106 | 60.450 | 3.7000 | 54.249 | 2.7007 | 1.7517 | 23 | 2.30 | 6% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0675 | 38.490 | 0.36000 | 53.985 | 7.4314 | 3.0060 | 10 | -2.09 | 14% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0616 | 44.500 | 1.2000 | 53.985 | 7.4314 | 3.0060 | 10 | -1.28 | 9% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0169 | 51.100 | 0.60000 | 53.985 | 7.4314 | 3.0060 | 10 | -0.39 | 3% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0508 | 52.815 | 9.8900 | 53.985 | 7.4314 | 3.0060 | 10 | -0.16 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0121 | 53.440 | 1.2200 | 53.985 | 7.4314 | 3.0060 | 10 | -0.07 | 1% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0510 | 54.000 | 2.0000 | 53.985 | 7.4314 | 3.0060 | 10 | 0.00 | 0% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0294 | 57.875 | 0.51000 | 53.985 | 7.4314 | 3.0060 | 10 | 0.52 | 4% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0038 | 58.950 | 3.9000 | 53.985 | 7.4314 | 3.0060 | 10 | 0.67 | 5% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0353 | 60.290 | 9.5800 | 53.985 | 7.4314 | 3.0060 | 10 | 0.85 | 6% | 0 |
| 028.43 | Manganese, ICP, Microwave (PPM) | 0042 | 63.600 | 0.80000 | 53.985 | 7.4314 | 3.0060 | 10 | 1.29 | 9% | 0 |
| 028.44 | Manganese, ICP, Dry ash (PPM) | 0098 | 52.715 | 1.5300 | | | 1.5300 | 1 | | | |
| 028.52 | Manganese, ICP-MS, Open vessel (PPM) | 0154 | 44.418 | 0.92300 | | | 0.92300 | 1 | | | |
| 028.53 | Manganese, ICP-MS, Microwave (PPM) | 0572 | 63.800 | 4.2000 | | | 4.2000 | 1 | | | |
| 029.99 | Mercury, Miscellaneous (PPM) | 0866 | 0.00315 | 0.00050 | 0.02058 | 0.02464 | 0.00825 | 2 | -0.71 | 42% | 0 |
| 029.99 | Mercury, Miscellaneous (PPM) | 0154 | 0.03800 | 0.01600 | 0.02058 | 0.02464 | 0.00825 | 2 | 0.71 | 42% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0108 | 0.50500 | 0.03000 | 0.58134 | 0.01786 | 0.00806 | 55 | -4.27 | 7% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0658 | 0.51420 | 0.00400 | 0.58134 | 0.01786 | 0.00806 | 55 | -3.76 | 6% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0142 | 0.52000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -3.43 | 5% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0194 | 0.53500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | -2.59 | 4% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0689 | 0.54500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | -2.03 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0665 | 0.55500 | 0.03000 | 0.58134 | 0.01786 | 0.00806 | 55 | -1.47 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0653 | 0.55650 | 0.01700 | 0.58134 | 0.01786 | 0.00806 | 55 | -1.39 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0039 | 0.55925 | 0.00070 | 0.58134 | 0.01786 | 0.00806 | 55 | -1.24 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0065 | 0.56120 | 0.00640 | 0.58134 | 0.01786 | 0.00806 | 55 | -1.13 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0038 | 0.56500 | 0.00800 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.91 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0716 | 0.56500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.91 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0874 | 0.56600 | 0.00400 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.86 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0035 | 0.57000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.63 | 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 (PCT) | 0511 | 0.57000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.63 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0629 | 0.57000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.63 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0626 | 0.57100 | 0.01800 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.58 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0016 | 0.57150 | 0.00500 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.55 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0026 | 0.57500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.35 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0893 | 0.57500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.35 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0350 | 0.57800 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.19 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0670 | 0.57800 | 0.00400 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.19 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0175 | 0.58000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0233 | 0.58000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0354 | 0.58000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0887 | 0.58000 | 0.02000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0894 | 0.58000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0903 | 0.58000 | 0.02000 | 0.58134 | 0.01786 | 0.00806 | 55 | -0.08 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0620 | 0.58145 | 0.00110 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.01 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0178 | 0.58150 | 0.03300 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.01 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0139 | 0.58350 | 0.00700 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.12 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0891 | 0.58405 | 0.00230 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.15 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0596 | 0.58500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.20 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0849 | 0.58500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.20 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0892 | 0.58500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.20 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0897 | 0.58500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.20 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0001 | 0.58550 | 0.01300 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.23 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0723 | 0.58550 | 0.00100 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.23 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0722 | 0.58560 | 0.00020 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.24 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0208 | 0.58600 | 0.01800 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.26 | 0% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0036 | 0.59130 | 0.00340 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.56 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0895 | 0.59500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.76 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0878 | 0.59650 | 0.00500 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.85 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0651 | 0.59730 | 0.00500 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.89 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0886 | 0.59750 | 0.00700 | 0.58134 | 0.01786 | 0.00806 | 55 | 0.90 | 1% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0152 | 0.60000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.04 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0674 | 0.60000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.04 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0728 | 0.60000 | 0.02000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.04 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0898 | 0.60000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.04 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0901 | 0.60000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.04 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0018 | 0.60300 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.21 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0669 | 0.60500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.32 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0305 | 0.61000 | 0.00000 | 0.58134 | 0.01786 | 0.00806 | 55 | 1.60 | 2% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0650 | 0.62000 | 0.02000 | 0.58134 | 0.01786 | 0.00806 | 55 | 2.16 | 3% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0706 | 0.65000 | 0.02000 | 0.58134 | 0.01786 | 0.00806 | 55 | 3.84 | 6% | 0 |
| 031.01 | Phosphorus, Photometric (PCT) | 0609 | 0.71500 | 0.01000 | 0.58134 | 0.01786 | 0.00806 | 55 | 7.48 | 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 | | | |
| 031.01 | Phosphorus, Photometric (PCT) | 0868 | 0.83550 | 0.00700 | 0.58134 | 0.01786 | 0.00806 | 55 | 14.23 | 22% | 2 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (P | 0623 | 0.56215 | 0.01610 | 0.58896 | 0.02621 | 0.00968 | 4 | -1.02 | 2% | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (P | 0011 | 0.58370 | 0.00260 | 0.58896 | 0.02621 | 0.00968 | 4 | -0.20 | 0% | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (P | 0043 | 0.58500 | 0.01000 | 0.58896 | 0.02621 | 0.00968 | 4 | -0.15 | 0% | 0 |
| 031.02 | Phosphorus, GQMP (AOAC 935.13-Extraction) (P | 0505 | 0.62500 | 0.01000 | 0.58896 | 0.02621 | 0.00968 | 4 | 1.37 | 3% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0169 | 0.55000 | 0.00000 | 0.58133 | 0.00814 | 0.01354 | 7 | -3.85 | 3% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0033 | 0.55500 | 0.05000 | 0.58133 | 0.00814 | 0.01354 | 7 | -3.23 | 2% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0307 | 0.56000 | 0.02000 | 0.58133 | 0.00814 | 0.01354 | 7 | -2.62 | 2% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0026 | 0.58500 | 0.01000 | 0.58133 | 0.00814 | 0.01354 | 7 | 0.45 | 0% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0043 | 0.58500 | 0.01000 | 0.58133 | 0.00814 | 0.01354 | 7 | 0.45 | 0% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0036 | 0.58770 | 0.00120 | 0.58133 | 0.00814 | 0.01354 | 7 | 0.78 | 1% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0504 | 0.59000 | 0.00360 | 0.58133 | 0.00814 | 0.01354 | 7 | 1.06 | 1% | 0 |
| 031.03 | Phosphorus, Autoanalyzer (PCT) | 0720 | 0.53000 | 0.32000 | 0.58133 | 0.00814 | 0.01354 | 7 | -6.30 | 4% | 1 |
| 031.04 | Phosphorus, Em Spect (PCT) | 0631 | 0.58500 | 0.03000 | | | 0.03000 | 1 | | | |
| 031.06 | Phosphorus, Hach Method (PCT) | 0686 | 0.41000 | 0.02000 | 0.56750 | 0.14250 | 0.01167 | 3 | -1.11 | 14% | 0 |
| 031.06 | Phosphorus, Hach Method (PCT) | 0138 | 0.60500 | 0.01000 | 0.56750 | 0.14250 | 0.01167 | 3 | 0.26 | 3% | 0 |
| 031.06 | Phosphorus, Hach Method (PCT) | 0536 | 0.68750 | 0.00500 | 0.56750 | 0.14250 | 0.01167 | 3 | 0.84 | 11% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0685 | 0.50000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | -3.76 | 7% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0550 | 0.52050 | 0.00300 | 0.58605 | 0.02288 | 0.01082 | 37 | -2.87 | 6% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0425 | 0.55500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -1.36 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0695 | 0.55500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -1.36 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0019 | 0.56000 | 0.04000 | 0.58605 | 0.02288 | 0.01082 | 37 | -1.14 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0298 | 0.56000 | 0.02000 | 0.58605 | 0.02288 | 0.01082 | 37 | -1.14 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0008 | 0.56335 | 0.01250 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.99 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0300 | 0.56600 | 0.01800 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.88 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0051 | 0.56885 | 0.00390 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.75 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0144 | 0.57000 | 0.04000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.70 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0083 | 0.57300 | 0.00200 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.57 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0100 | 0.57500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.48 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0148 | 0.57550 | 0.00300 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.46 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0229 | 0.58000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.26 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0164 | 0.58500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.05 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0226 | 0.58500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.05 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0242 | 0.58500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.05 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0692 | 0.58500 | 0.03000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.05 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0848 | 0.58500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | -0.05 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0123 | 0.59000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0171 | 0.59000 | 0.02000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0413 | 0.59000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0628 | 0.59000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0682 | 0.59000 | 0.02000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.17 | 0% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0358 | 0.59500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.39 | 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 | | | |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0208 | 0.59950 | 0.01500 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.59 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0003 | 0.60000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.61 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0407 | 0.60000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.61 | 1% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0049 | 0.60500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.83 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0520 | 0.60500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | 0.83 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0512 | 0.60960 | 0.02120 | 0.58605 | 0.02288 | 0.01082 | 37 | 1.03 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0074 | 0.61000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 1.05 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0089 | 0.61000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 1.05 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0029 | 0.61455 | 0.03550 | 0.58605 | 0.02288 | 0.01082 | 37 | 1.25 | 2% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0598 | 0.62180 | 0.00620 | 0.58605 | 0.02288 | 0.01082 | 37 | 1.56 | 3% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0860 | 0.65000 | 0.00000 | 0.58605 | 0.02288 | 0.01082 | 37 | 2.80 | 5% | 0 |
| 031.41 | Phosphorus, ICP, Dry ash (PCT) | 0405 | 0.80500 | 0.01000 | 0.58605 | 0.02288 | 0.01082 | 37 | 9.57 | 19% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0098 | 0.54500 | 0.01000 | 0.58413 | 0.02081 | 0.01096 | 23 | -1.88 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0187 | 0.55475 | 0.00390 | 0.58413 | 0.02081 | 0.01096 | 23 | -1.41 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0205 | 0.55600 | 0.02800 | 0.58413 | 0.02081 | 0.01096 | 23 | -1.35 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0357 | 0.56000 | 0.02000 | 0.58413 | 0.02081 | 0.01096 | 23 | -1.16 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0366 | 0.56500 | 0.01000 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.92 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0035 | 0.57000 | 0.00000 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.68 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0168 | 0.57250 | 0.03900 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.56 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0199 | 0.57500 | 0.01000 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.44 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0870 | 0.57705 | 0.02130 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.34 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0560 | 0.57950 | 0.00500 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.22 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0567 | 0.58000 | 0.00000 | 0.58413 | 0.02081 | 0.01096 | 23 | -0.20 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0202 | 0.58500 | 0.01000 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.04 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0726 | 0.58665 | 0.01030 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.12 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0613 | 0.58750 | 0.00300 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.16 | 0% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0265 | 0.59000 | 0.00000 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.28 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0186 | 0.59250 | 0.01900 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.40 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0037 | 0.59650 | 0.01300 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.59 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0096 | 0.59750 | 0.00700 | 0.58413 | 0.02081 | 0.01096 | 23 | 0.64 | 1% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0106 | 0.60500 | 0.00000 | 0.58413 | 0.02081 | 0.01096 | 23 | 1.00 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0045 | 0.60800 | 0.00400 | 0.58413 | 0.02081 | 0.01096 | 23 | 1.15 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0278 | 0.61000 | 0.00000 | 0.58413 | 0.02081 | 0.01096 | 23 | 1.24 | 2% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0190 | 0.61500 | 0.01000 | 0.58413 | 0.02081 | 0.01096 | 23 | 1.48 | 3% | 0 |
| 031.42 | Phosphorus, ICP, Open vessel (PCT) | 0160 | 0.62490 | 0.02860 | 0.58413 | 0.02081 | 0.01096 | 23 | 1.96 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0294 | 0.55500 | 0.01000 | 0.58889 | 0.01677 | 0.01865 | 11 | -2.02 | 3% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0121 | 0.56300 | 0.00400 | 0.58889 | 0.01677 | 0.01865 | 11 | -1.54 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0014 | 0.57700 | 0.02000 | 0.58889 | 0.01677 | 0.01865 | 11 | -0.71 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0510 | 0.58000 | 0.02000 | 0.58889 | 0.01677 | 0.01865 | 11 | -0.53 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0027 | 0.58950 | 0.03100 | 0.58889 | 0.01677 | 0.01865 | 11 | 0.04 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0353 | 0.59000 | 0.02000 | 0.58889 | 0.01677 | 0.01865 | 11 | 0.07 | 0% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0042 | 0.59400 | 0.01600 | 0.58889 | 0.01677 | 0.01865 | 11 | 0.30 | 0% | 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 | | | |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0616 | 0.59500 | 0.01200 | 0.58889 | 0.01677 | 0.01865 | 11 | 0.36 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0675 | 0.59500 | 0.01000 | 0.58889 | 0.01677 | 0.01865 | 11 | 0.36 | 1% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0038 | 0.60950 | 0.00900 | 0.58889 | 0.01677 | 0.01865 | 11 | 1.23 | 2% | 0 |
| 031.43 | Phosphorus, ICP, Microwave (PCT) | 0508 | 0.61475 | 0.05310 | 0.58889 | 0.01677 | 0.01865 | 11 | 1.54 | 2% | 0 |
| 031.44 | Phosphorus, ICP, Dry ash (PCT) | 0098 | 0.58000 | 0.00000 | | | 0.00000 | 1 | | | |
| 031.52 | Phosphorus, ICP-MS, Open vessel (PCT) | 0154 | 0.52130 | 0.00520 | | | 0.00520 | 1 | | | |
| 031.53 | Phosphorus, ICP-MS, Microwave (PCT) | 0572 | 0.61300 | 0.01400 | | | 0.01400 | 1 | | | |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0879 | 0.51000 | 0.10000 | 0.56041 | 0.03490 | 0.03167 | 6 | -1.44 | 4% | 0 |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0047 | 0.53000 | 0.02000 | 0.56041 | 0.03490 | 0.03167 | 6 | -0.87 | 3% | 0 |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0889 | 0.56000 | 0.00000 | 0.56041 | 0.03490 | 0.03167 | 6 | -0.01 | 0% | 0 |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0552 | 0.57500 | 0.03000 | 0.56041 | 0.03490 | 0.03167 | 6 | 0.42 | 1% | 0 |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0590 | 0.59000 | 0.04000 | 0.56041 | 0.03490 | 0.03167 | 6 | 0.85 | 3% | 0 |
| 031.99 | Phosphorus, Miscellaneous (PCT) | 0673 | 0.59000 | 0.00000 | 0.56041 | 0.03490 | 0.03167 | 6 | 0.85 | 3% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0139 | 0.72000 | 0.01000 | 0.83827 | 0.01746 | 0.01535 | 6 | -6.77 | 7% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0590 | 0.77350 | 0.00220 | 0.83827 | 0.01746 | 0.01535 | 6 | -3.71 | 4% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0884 | 0.84000 | 0.02000 | 0.83827 | 0.01746 | 0.01535 | 6 | 0.10 | 0% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0108 | 0.84500 | 0.03000 | 0.83827 | 0.01746 | 0.01535 | 6 | 0.39 | 0% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0504 | 0.85275 | 0.00590 | 0.83827 | 0.01746 | 0.01535 | 6 | 0.83 | 1% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0536 | 0.85300 | 0.02400 | 0.83827 | 0.01746 | 0.01535 | 6 | 0.84 | 1% | 0 |
| 032.02 | Potassium, Flame Emission (PCT) | 0665 | 0.88000 | 0.10000 | 0.83827 | 0.01746 | 0.01535 | 6 | 2.39 | 2% | 1 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0142 | 0.66500 | 0.05000 | 0.78414 | 0.05247 | 0.01686 | 17 | -2.27 | 8% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0505 | 0.69500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | -1.70 | 6% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0305 | 0.71500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | -1.32 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0596 | 0.74500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | -0.75 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0670 | 0.75350 | 0.01100 | 0.78414 | 0.05247 | 0.01686 | 17 | -0.58 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0628 | 0.76000 | 0.02000 | 0.78414 | 0.05247 | 0.01686 | 17 | -0.46 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0065 | 0.77725 | 0.03750 | 0.78414 | 0.05247 | 0.01686 | 17 | -0.13 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0629 | 0.78500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.02 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0208 | 0.78850 | 0.03500 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.08 | 0% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0354 | 0.79500 | 0.03000 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.21 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0720 | 0.80000 | 0.02000 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.30 | 1% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0307 | 0.81000 | 0.00000 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.49 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0175 | 0.81500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.59 | 2% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0350 | 0.82900 | 0.00800 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.86 | 3% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0038 | 0.83250 | 0.01300 | 0.78414 | 0.05247 | 0.01686 | 17 | 0.92 | 3% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0650 | 0.84500 | 0.01000 | 0.78414 | 0.05247 | 0.01686 | 17 | 1.16 | 4% | 0 |
| 032.31 | Potassium, AAS, Dry ash (PCT) | 0874 | 0.85830 | 0.00220 | 0.78414 | 0.05247 | 0.01686 | 17 | 1.41 | 5% | 0 |
| 032.32 | Potassium, AAS, Open vessel (PCT) | 0609 | 0.84000 | 0.10000 | 0.84667 | 0.00764 | 0.04000 | 3 | -0.87 | 0% | 0 |
| 032.32 | Potassium, AAS, Open vessel (PCT) | 0035 | 0.84500 | 0.01000 | 0.84667 | 0.00764 | 0.04000 | 3 | -0.22 | 0% | 0 |
| 032.32 | Potassium, AAS, Open vessel (PCT) | 0169 | 0.85500 | 0.01000 | 0.84667 | 0.00764 | 0.04000 | 3 | 1.09 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0550 | 0.56350 | 0.00100 | 0.81645 | 0.04022 | 0.02262 | 27 | -6.29 | 15% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0407 | 0.74850 | 0.01100 | 0.81645 | 0.04022 | 0.02262 | 27 | -1.69 | 4% | 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 (PCT) | 0300 | 0.76700 | 0.01400 | 0.81645 | 0.04022 | 0.02262 | 27 | -1.23 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0208 | 0.76900 | 0.05200 | 0.81645 | 0.04022 | 0.02262 | 27 | -1.18 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0682 | 0.77000 | 0.00000 | 0.81645 | 0.04022 | 0.02262 | 27 | -1.15 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0164 | 0.78500 | 0.01000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.78 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0598 | 0.79015 | 0.06190 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.65 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0242 | 0.80500 | 0.05000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.28 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0358 | 0.80500 | 0.05000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.28 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0026 | 0.80650 | 0.00500 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.25 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0051 | 0.80655 | 0.01530 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.25 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0695 | 0.81000 | 0.02000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.16 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0083 | 0.81100 | 0.02200 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.14 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0144 | 0.81500 | 0.07000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.04 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0148 | 0.81500 | 0.00200 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.04 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0229 | 0.81500 | 0.01000 | 0.81645 | 0.04022 | 0.02262 | 27 | -0.04 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0029 | 0.81865 | 0.08110 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.05 | 0% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0171 | 0.82750 | 0.00500 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.27 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0425 | 0.83500 | 0.01000 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.46 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0011 | 0.84070 | 0.01040 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.60 | 1% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0100 | 0.84500 | 0.03000 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.71 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0413 | 0.84500 | 0.01000 | 0.81645 | 0.04022 | 0.02262 | 27 | 0.71 | 2% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0511 | 0.86000 | 0.02000 | 0.81645 | 0.04022 | 0.02262 | 27 | 1.08 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0049 | 0.87000 | 0.00000 | 0.81645 | 0.04022 | 0.02262 | 27 | 1.33 | 3% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0226 | 0.90500 | 0.01000 | 0.81645 | 0.04022 | 0.02262 | 27 | 2.20 | 5% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0520 | 0.92000 | 0.02000 | 0.81645 | 0.04022 | 0.02262 | 27 | 2.57 | 6% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0405 | 1.0700 | 0.02000 | 0.81645 | 0.04022 | 0.02262 | 27 | 6.30 | 16% | 0 |
| 032.41 | Potassium, ICP, Dry ash (PCT) | 0003 | 0.67500 | 0.15000 | 0.81645 | 0.04022 | 0.02262 | 27 | -3.52 | 9% | 1 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0098 | 0.77000 | 0.00000 | 0.82889 | 0.03721 | 0.02132 | 19 | -1.58 | 4% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0560 | 0.78650 | 0.07100 | 0.82889 | 0.03721 | 0.02132 | 19 | -1.14 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0187 | 0.78870 | 0.00120 | 0.82889 | 0.03721 | 0.02132 | 19 | -1.08 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0357 | 0.79500 | 0.01000 | 0.82889 | 0.03721 | 0.02132 | 19 | -0.91 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0045 | 0.79950 | 0.02300 | 0.82889 | 0.03721 | 0.02132 | 19 | -0.79 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0160 | 0.80350 | 0.01300 | 0.82889 | 0.03721 | 0.02132 | 19 | -0.68 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0366 | 0.81000 | 0.06000 | 0.82889 | 0.03721 | 0.02132 | 19 | -0.51 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0205 | 0.82050 | 0.05700 | 0.82889 | 0.03721 | 0.02132 | 19 | -0.23 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0199 | 0.83000 | 0.02000 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.03 | 0% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0037 | 0.83100 | 0.00800 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.06 | 0% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0186 | 0.83450 | 0.02300 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.15 | 0% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0613 | 0.83600 | 0.00000 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.19 | 0% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0870 | 0.83945 | 0.01190 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.28 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0035 | 0.85000 | 0.00000 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.57 | 1% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0202 | 0.86000 | 0.00000 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.84 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0278 | 0.86000 | 0.02000 | 0.82889 | 0.03721 | 0.02132 | 19 | 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 | | | |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0265 | 0.86500 | 0.05000 | 0.82889 | 0.03721 | 0.02132 | 19 | 0.97 | 2% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0106 | 0.88150 | 0.00700 | 0.82889 | 0.03721 | 0.02132 | 19 | 1.41 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0692 | 0.88500 | 0.03000 | 0.82889 | 0.03721 | 0.02132 | 19 | 1.51 | 3% | 0 |
| 032.42 | Potassium, ICP, Open vessel (PCT) | 0168 | 0.78750 | 0.10900 | 0.82889 | 0.03721 | 0.02132 | 19 | -1.11 | 2% | 1 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0616 | 0.70300 | 0.00000 | 0.83556 | 0.06288 | 0.01791 | 8 | -2.11 | 8% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0353 | 0.77500 | 0.01000 | 0.83556 | 0.06288 | 0.01791 | 8 | -0.96 | 4% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0508 | 0.80145 | 0.05330 | 0.83556 | 0.06288 | 0.01791 | 8 | -0.54 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0675 | 0.82500 | 0.03000 | 0.83556 | 0.06288 | 0.01791 | 8 | -0.17 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0294 | 0.86000 | 0.00000 | 0.83556 | 0.06288 | 0.01791 | 8 | 0.39 | 1% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0038 | 0.86250 | 0.00500 | 0.83556 | 0.06288 | 0.01791 | 8 | 0.43 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0042 | 0.87550 | 0.01500 | 0.83556 | 0.06288 | 0.01791 | 8 | 0.64 | 2% | 0 |
| 032.43 | Potassium, ICP, Microwave (PCT) | 0510 | 0.98500 | 0.03000 | 0.83556 | 0.06288 | 0.01791 | 8 | 2.38 | 9% | 0 |
| 032.44 | Potassium, ICP, Dry ash (PCT) | 0098 | 0.84000 | 0.02000 | | | 0.02000 | 1 | | | |
| 032.52 | Potassium, ICP-MS, Open vessel (PCT) | 0154 | 0.79270 | 0.03400 | | | 0.03400 | 1 | | | |
| 032.53 | Potassium, ICP-MS, Microwave (PCT) | 0572 | 0.89750 | 0.01500 | | | 0.01500 | 1 | | | |
| 032.99 | Potassium, Miscellaneous (PCT) | 0889 | 0.92000 | 0.00000 | | | 0.00000 | 1 | | | |
| 033.00 | Salt, Sol Cl (PCT) | 0706 | 0.48000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.54 | 8% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0898 | 0.49500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.30 | 7% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0511 | 0.50000 | 0.06000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.22 | 7% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0903 | 0.50000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.22 | 7% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0893 | 0.50500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.15 | 6% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0901 | 0.51000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | -1.07 | 6% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0689 | 0.52500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.83 | 5% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0123 | 0.53000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.75 | 4% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0716 | 0.53500 | 0.03000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.68 | 4% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0675 | 0.54500 | 0.03000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.52 | 3% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0887 | 0.56500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.21 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0895 | 0.56500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.21 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0016 | 0.57000 | 0.00800 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.13 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0886 | 0.57100 | 0.00600 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.11 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0878 | 0.57400 | 0.02800 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.07 | 0% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0504 | 0.57500 | 0.05000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.05 | 0% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0894 | 0.57500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.05 | 0% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0897 | 0.57500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.05 | 0% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0045 | 0.58000 | 0.03600 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.03 | 0% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0723 | 0.58450 | 0.00100 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.10 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0891 | 0.58505 | 0.00290 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.11 | 1% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0298 | 0.60000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.34 | 2% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0366 | 0.60000 | 0.00000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.34 | 2% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0567 | 0.62500 | 0.03000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.73 | 4% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0695 | 0.63000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.81 | 4% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0353 | 0.63500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.89 | 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 | | | |
| 033.00 | Salt, Sol Cl (PCT) | 0160 | 0.64000 | 0.00000 | 0.57818 | 0.06383 | 0.01789 | 32 | 0.97 | 5% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0849 | 0.64500 | 0.01000 | 0.57818 | 0.06383 | 0.01789 | 32 | 1.05 | 6% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0169 | 0.66000 | 0.02000 | 0.57818 | 0.06383 | 0.01789 | 32 | 1.28 | 7% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0309 | 0.67200 | 0.02160 | 0.57818 | 0.06383 | 0.01789 | 32 | 1.47 | 8% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0512 | 0.67745 | 0.01010 | 0.57818 | 0.06383 | 0.01789 | 32 | 1.56 | 9% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0539 | 0.70450 | 0.02900 | 0.57818 | 0.06383 | 0.01789 | 32 | 1.98 | 11% | 0 |
| 033.00 | Salt, Sol Cl (PCT) | 0596 | 0.54500 | 0.09000 | 0.57818 | 0.06383 | 0.01789 | 32 | -0.52 | 3% | 1 |
| 033.01 | Salt, Poten Cl (PCT) | 0596 | 0.54000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -4.19 | 8% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0884 | 0.59000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | -2.01 | 4% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0407 | 0.59600 | 0.00600 | 0.63621 | 0.02299 | 0.01047 | 37 | -1.75 | 3% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0100 | 0.61000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | -1.14 | 2% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0229 | 0.61500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.92 | 2% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0354 | 0.61500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.92 | 2% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0106 | 0.62000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.71 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0242 | 0.62000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.71 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0413 | 0.62000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.71 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0559 | 0.62000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.71 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0011 | 0.62180 | 0.00340 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.63 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0178 | 0.62300 | 0.00800 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.57 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0194 | 0.62500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.49 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0205 | 0.62650 | 0.00100 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.42 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0029 | 0.63000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.27 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0164 | 0.63000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.27 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0199 | 0.63000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.27 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0425 | 0.63000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.27 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0650 | 0.63000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.27 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0148 | 0.63400 | 0.00800 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.10 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0590 | 0.63500 | 0.03000 | 0.63621 | 0.02299 | 0.01047 | 37 | -0.05 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0019 | 0.64000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.16 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0096 | 0.64000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.16 | 0% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0874 | 0.64455 | 0.01030 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.36 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0026 | 0.64500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.38 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0175 | 0.64500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.38 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0039 | 0.65440 | 0.00080 | 0.63621 | 0.02299 | 0.01047 | 37 | 0.79 | 1% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0861 | 0.66000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.03 | 2% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0098 | 0.66500 | 0.01000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.25 | 2% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0278 | 0.67000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.47 | 3% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0307 | 0.67000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.47 | 3% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0510 | 0.67000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.47 | 3% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0682 | 0.68000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.90 | 3% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0003 | 0.69000 | 0.02000 | 0.63621 | 0.02299 | 0.01047 | 37 | 2.34 | 4% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0042 | 0.71000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 3.21 | 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 | | | |
| 033.01 | Salt, Poten Cl (PCT) | 0226 | 0.73000 | 0.04000 | 0.63621 | 0.02299 | 0.01047 | 37 | 4.08 | 7% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0674 | 0.94000 | 0.06000 | 0.63621 | 0.02299 | 0.01047 | 37 | 13.22 | 24% | 0 |
| 033.01 | Salt, Poten Cl (PCT) | 0021 | 0.44000 | 0.20000 | 0.63621 | 0.02299 | 0.01047 | 37 | -8.54 | 15% | 1 |
| 033.01 | Salt, Poten Cl (PCT) | 0686 | 0.68000 | 0.14000 | 0.63621 | 0.02299 | 0.01047 | 37 | 1.90 | 3% | 1 |
| 033.01 | Salt, Poten Cl (PCT) | 0051 | 1.7000 | 0.00000 | 0.63621 | 0.02299 | 0.01047 | 37 | 46.28 | 84% | 2 |
| 033.03 | Salt, Quantab (PCT) | 0505 | 0.42500 | 0.05000 | 0.55232 | 0.10183 | 0.01900 | 8 | -1.25 | 12% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0860 | 0.44900 | 0.00200 | 0.55232 | 0.10183 | 0.01900 | 8 | -1.01 | 9% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0265 | 0.52000 | 0.00000 | 0.55232 | 0.10183 | 0.01900 | 8 | -0.32 | 3% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0190 | 0.54000 | 0.04000 | 0.55232 | 0.10183 | 0.01900 | 8 | -0.12 | 1% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0726 | 0.56000 | 0.00000 | 0.55232 | 0.10183 | 0.01900 | 8 | 0.08 | 1% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0848 | 0.60500 | 0.01000 | 0.55232 | 0.10183 | 0.01900 | 8 | 0.52 | 5% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0879 | 0.62500 | 0.05000 | 0.55232 | 0.10183 | 0.01900 | 8 | 0.71 | 7% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0598 | 0.79000 | 0.00000 | 0.55232 | 0.10183 | 0.01900 | 8 | 2.33 | 22% | 0 |
| 033.03 | Salt, Quantab (PCT) | 0144 | 0.59000 | 0.14000 | 0.55232 | 0.10183 | 0.01900 | 8 | 0.37 | 3% | 1 |
| 033.05 | Salt, Ion Sel Electrode (PCT) | 0868 | 0.51150 | 0.00100 | 0.55575 | 0.06258 | 0.01050 | 2 | -0.71 | 4% | 0 |
| 033.05 | Salt, Ion Sel Electrode (PCT) | 0171 | 0.60000 | 0.02000 | 0.55575 | 0.06258 | 0.01050 | 2 | 0.71 | 4% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0889 | 0.33000 | 0.02000 | 0.59442 | 0.09551 | 0.00950 | 10 | -2.77 | 22% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0728 | 0.48150 | 0.00300 | 0.59442 | 0.09551 | 0.00950 | 10 | -1.18 | 9% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0121 | 0.54500 | 0.00800 | 0.59442 | 0.09551 | 0.00950 | 10 | -0.52 | 4% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0358 | 0.57000 | 0.00000 | 0.59442 | 0.09551 | 0.00950 | 10 | -0.26 | 2% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0628 | 0.57500 | 0.01000 | 0.59442 | 0.09551 | 0.00950 | 10 | -0.20 | 2% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0552 | 0.61000 | 0.00000 | 0.59442 | 0.09551 | 0.00950 | 10 | 0.16 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0673 | 0.61000 | 0.00000 | 0.59442 | 0.09551 | 0.00950 | 10 | 0.16 | 1% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0208 | 0.65400 | 0.01400 | 0.59442 | 0.09551 | 0.00950 | 10 | 0.62 | 5% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0685 | 0.71500 | 0.01000 | 0.59442 | 0.09551 | 0.00950 | 10 | 1.26 | 10% | 0 |
| 033.99 | Salt, Miscellaneous (PCT) | 0681 | 1.6050 | 0.03000 | 0.59442 | 0.09551 | 0.00950 | 10 | 10.58 | 85% | 0 |
| 034.01 | Selenium, Fluor (PPM) | 0038 | 0.42750 | 0.01700 | | | 0.01700 | 1 | | | |
| 034.04 | Selenium, AA, Hydride (PPM) | 0190 | 0.30900 | 0.01000 | 0.42464 | 0.04401 | 0.02304 | 7 | -2.63 | 14% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0171 | 0.39500 | 0.03000 | 0.42464 | 0.04401 | 0.02304 | 7 | -0.67 | 3% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0512 | 0.41585 | 0.04730 | 0.42464 | 0.04401 | 0.02304 | 7 | -0.20 | 1% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0169 | 0.42500 | 0.01000 | 0.42464 | 0.04401 | 0.02304 | 7 | 0.01 | 0% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0164 | 0.45500 | 0.05000 | 0.42464 | 0.04401 | 0.02304 | 7 | 0.69 | 4% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0026 | 0.45500 | 0.01000 | 0.42464 | 0.04401 | 0.02304 | 7 | 0.69 | 4% | 0 |
| 034.04 | Selenium, AA, Hydride (PPM) | 0208 | 0.46800 | 0.00400 | 0.42464 | 0.04401 | 0.02304 | 7 | 0.99 | 5% | 0 |
| 034.34 | Selenium, AAS, Graphite furnace (PPM) | 0504 | 0.13100 | 0.04000 | | | 0.04000 | 1 | | | |
| 034.41 | Selenium, ICP, Dry ash (PPM) | 0123 | 0.23500 | 0.05000 | | | 0.05000 | 1 | | | |
| 034.42 | Selenium, ICP, Open vessel (PPM) | 0567 | 0.36000 | 0.02000 | 0.46250 | 0.14496 | 0.01500 | 2 | -0.71 | 11% | 0 |
| 034.42 | Selenium, ICP, Open vessel (PPM) | 0629 | 0.56500 | 0.01000 | 0.46250 | 0.14496 | 0.01500 | 2 | 0.71 | 11% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (PPM) | 0016 | 0.44400 | 0.01800 | 0.56833 | 0.19244 | 0.14933 | 3 | -0.65 | 11% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (PPM) | 0096 | 0.47100 | 0.06400 | 0.56833 | 0.19244 | 0.14933 | 3 | -0.51 | 9% | 0 |
| 034.52 | Selenium, ICP-MS, Open vessel (PPM) | 0154 | 0.79000 | 0.36600 | 0.56833 | 0.19244 | 0.14933 | 3 | 1.15 | 20% | 0 |
| 034.99 | Selenium, Miscellaneous (PPM) | 0021 | 0.40800 | 0.01400 | 0.42392 | 0.01391 | 0.02703 | 3 | -1.14 | 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 | | | |
| 034.99 | Selenium, Miscellaneous (PPM) | 0047 | 0.43000 | 0.02000 | 0.42392 | 0.01391 | 0.02703 | 3 | 0.44 | 1% | 0 |
| 034.99 | Selenium, Miscellaneous (PPM) | 0508 | 0.43375 | 0.04710 | 0.42392 | 0.01391 | 0.02703 | 3 | 0.71 | 1% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (PCT) | 0892 | 0.22700 | 0.00400 | 0.24613 | 0.01708 | 0.01125 | 4 | -1.12 | 4% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (PCT) | 0868 | 0.23750 | 0.00100 | 0.24613 | 0.01708 | 0.01125 | 4 | -0.50 | 2% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (PCT) | 0138 | 0.25500 | 0.01000 | 0.24613 | 0.01708 | 0.01125 | 4 | 0.52 | 2% | 0 |
| 035.01 | Sodium, Ion Sel Electrode (PCT) | 0686 | 0.26500 | 0.03000 | 0.24613 | 0.01708 | 0.01125 | 4 | 1.11 | 4% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0884 | 0.22000 | 0.00000 | 0.23928 | 0.01637 | 0.00844 | 8 | -1.18 | 4% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0139 | 0.22450 | 0.00500 | 0.23928 | 0.01637 | 0.00844 | 8 | -0.90 | 3% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0504 | 0.23395 | 0.00290 | 0.23928 | 0.01637 | 0.00844 | 8 | -0.33 | 1% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0152 | 0.23500 | 0.01000 | 0.23928 | 0.01637 | 0.00844 | 8 | -0.26 | 1% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0590 | 0.23760 | 0.00760 | 0.23928 | 0.01637 | 0.00844 | 8 | -0.10 | 0% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0665 | 0.24500 | 0.01000 | 0.23928 | 0.01637 | 0.00844 | 8 | 0.35 | 1% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0108 | 0.27500 | 0.01000 | 0.23928 | 0.01637 | 0.00844 | 8 | 2.18 | 7% | 0 |
| 035.05 | Sodium, Flame Emission (PCT) | 0536 | 0.46100 | 0.02200 | 0.23928 | 0.01637 | 0.00844 | 8 | 13.55 | 46% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0505 | 0.19550 | 0.00300 | 0.23568 | 0.02406 | 0.00484 | 16 | -1.67 | 9% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0142 | 0.20500 | 0.01000 | 0.23568 | 0.02406 | 0.00484 | 16 | -1.28 | 7% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0175 | 0.20500 | 0.01000 | 0.23568 | 0.02406 | 0.00484 | 16 | -1.28 | 7% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0307 | 0.22000 | 0.00000 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.65 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0874 | 0.22690 | 0.00200 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.36 | 2% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0305 | 0.23000 | 0.00000 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.24 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0650 | 0.23000 | 0.00000 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.24 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0038 | 0.23500 | 0.00400 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.03 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0208 | 0.23500 | 0.01000 | 0.23568 | 0.02406 | 0.00484 | 16 | -0.03 | 0% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0233 | 0.24000 | 0.00000 | 0.23568 | 0.02406 | 0.00484 | 16 | 0.18 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0720 | 0.24000 | 0.02000 | 0.23568 | 0.02406 | 0.00484 | 16 | 0.18 | 1% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0628 | 0.25000 | 0.00000 | 0.23568 | 0.02406 | 0.00484 | 16 | 0.60 | 3% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0670 | 0.25650 | 0.00100 | 0.23568 | 0.02406 | 0.00484 | 16 | 0.87 | 4% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0868 | 0.26250 | 0.00500 | 0.23568 | 0.02406 | 0.00484 | 16 | 1.11 | 6% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0354 | 0.26500 | 0.01000 | 0.23568 | 0.02406 | 0.00484 | 16 | 1.22 | 6% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0065 | 0.27225 | 0.00250 | 0.23568 | 0.02406 | 0.00484 | 16 | 1.52 | 8% | 0 |
| 035.31 | Sodium, AAS, Dry ash (PCT) | 0596 | 0.25500 | 0.03000 | 0.23568 | 0.02406 | 0.00484 | 16 | 0.80 | 4% | 1 |
| 035.32 | Sodium, AAS, Open vessel (PCT) | 0609 | 0.22000 | 0.00000 | 0.23206 | 0.01273 | 0.00018 | 4 | -0.95 | 3% | 0 |
| 035.32 | Sodium, AAS, Open vessel (PCT) | 0722 | 0.22825 | 0.00070 | 0.23206 | 0.01273 | 0.00018 | 4 | -0.30 | 1% | 0 |
| 035.32 | Sodium, AAS, Open vessel (PCT) | 0169 | 0.23000 | 0.00000 | 0.23206 | 0.01273 | 0.00018 | 4 | -0.16 | 0% | 0 |
| 035.32 | Sodium, AAS, Open vessel (PCT) | 0035 | 0.25000 | 0.00000 | 0.23206 | 0.01273 | 0.00018 | 4 | 1.41 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0550 | 0.21650 | 0.00100 | 0.23495 | 0.01117 | 0.00561 | 28 | -1.65 | 4% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0098 | 0.22000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | -1.34 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0358 | 0.22000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | -1.34 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0682 | 0.22000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | -1.34 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0148 | 0.22350 | 0.00100 | 0.23495 | 0.01117 | 0.00561 | 28 | -1.03 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0123 | 0.22500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.89 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0164 | 0.22500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.89 | 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 | | | |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0083 | 0.22800 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.62 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0298 | 0.23000 | 0.02000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.44 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0049 | 0.23000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.44 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0144 | 0.23000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | -0.44 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0100 | 0.23500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.00 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0242 | 0.23500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.00 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0520 | 0.23500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.00 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0407 | 0.23600 | 0.00400 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.09 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0598 | 0.23730 | 0.01460 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.21 | 0% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0051 | 0.23905 | 0.00450 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.37 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0229 | 0.24000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.45 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0695 | 0.24000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.45 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0029 | 0.24050 | 0.01580 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.50 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0226 | 0.24050 | 0.00300 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.50 | 1% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0405 | 0.24250 | 0.00500 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.68 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0011 | 0.24370 | 0.00520 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.78 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0171 | 0.24500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.90 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0413 | 0.24500 | 0.01000 | 0.23495 | 0.01117 | 0.00561 | 28 | 0.90 | 2% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0425 | 0.25000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | 1.35 | 3% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0089 | 0.26000 | 0.00000 | 0.23495 | 0.01117 | 0.00561 | 28 | 2.24 | 5% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0208 | 0.26150 | 0.00300 | 0.23495 | 0.01117 | 0.00561 | 28 | 2.38 | 6% | 0 |
| 035.41 | Sodium, ICP, Dry ash (PCT) | 0300 | 0.57900 | 0.01400 | 0.23495 | 0.01117 | 0.00561 | 28 | 30.81 | 73% | 2 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0366 | 0.19000 | 0.00000 | 0.23330 | 0.01436 | 0.00831 | 17 | -3.02 | 9% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0098 | 0.21500 | 0.01000 | 0.23330 | 0.01436 | 0.00831 | 17 | -1.27 | 4% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0567 | 0.22000 | 0.02000 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.93 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0160 | 0.22400 | 0.00200 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.65 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0199 | 0.22500 | 0.01000 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.58 | 2% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0205 | 0.22700 | 0.01400 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.44 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0045 | 0.22750 | 0.00900 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.40 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0870 | 0.22965 | 0.01670 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.25 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0278 | 0.23000 | 0.00000 | 0.23330 | 0.01436 | 0.00831 | 17 | -0.23 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0186 | 0.23600 | 0.00600 | 0.23330 | 0.01436 | 0.00831 | 17 | 0.19 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0560 | 0.23850 | 0.00700 | 0.23330 | 0.01436 | 0.00831 | 17 | 0.36 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0265 | 0.24000 | 0.02000 | 0.23330 | 0.01436 | 0.00831 | 17 | 0.47 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0613 | 0.24000 | 0.00200 | 0.23330 | 0.01436 | 0.00831 | 17 | 0.47 | 1% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0035 | 0.24500 | 0.01000 | 0.23330 | 0.01436 | 0.00831 | 17 | 0.81 | 3% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0202 | 0.25500 | 0.01000 | 0.23330 | 0.01436 | 0.00831 | 17 | 1.51 | 5% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0692 | 0.28000 | 0.00000 | 0.23330 | 0.01436 | 0.00831 | 17 | 3.25 | 10% | 0 |
| 035.42 | Sodium, ICP, Open vessel (PCT) | 0187 | 0.30555 | 0.00450 | 0.23330 | 0.01436 | 0.00831 | 17 | 5.03 | 15% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0353 | 0.21000 | 0.00000 | 0.24724 | 0.03045 | 0.00908 | 8 | -1.22 | 8% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0510 | 0.21600 | 0.00200 | 0.24724 | 0.03045 | 0.00908 | 8 | -1.03 | 6% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0038 | 0.23250 | 0.01300 | 0.24724 | 0.03045 | 0.00908 | 8 | -0.48 | 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 | | | |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0294 | 0.25000 | 0.00000 | 0.24724 | 0.03045 | 0.00908 | 8 | 0.09 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0042 | 0.25300 | 0.00200 | 0.24724 | 0.03045 | 0.00908 | 8 | 0.19 | 1% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0616 | 0.25650 | 0.01300 | 0.24724 | 0.03045 | 0.00908 | 8 | 0.30 | 2% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0508 | 0.26990 | 0.02260 | 0.24724 | 0.03045 | 0.00908 | 8 | 0.74 | 5% | 0 |
| 035.43 | Sodium, ICP, Microwave (PCT) | 0675 | 0.29000 | 0.02000 | 0.24724 | 0.03045 | 0.00908 | 8 | 1.40 | 9% | 0 |
| 035.52 | Sodium, ICP-MS, Open vessel (PCT) | 0154 | 0.22395 | 0.00910 | | | 0.00910 | 1 | | | |
| 035.53 | Sodium, ICP-MS, Microwave (PCT) | 0572 | 0.25300 | 0.01000 | | | 0.01000 | 1 | | | |
| 036.00 | Sulfur, Gravimetric (PCT) | 0307 | 0.22000 | 0.02000 | | | 0.02000 | 1 | | | |
| 036.04 | Sulfur, LECO (PCT) | 0226 | 0.19500 | 0.01000 | 0.20250 | 0.01061 | 0.00500 | 2 | -0.71 | 2% | 0 |
| 036.04 | Sulfur, LECO (PCT) | 0098 | 0.21000 | 0.00000 | 0.20250 | 0.01061 | 0.00500 | 2 | 0.71 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0366 | 0.17000 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | -1.65 | 4% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0160 | 0.17450 | 0.00100 | 0.18368 | 0.00827 | 0.00289 | 16 | -1.11 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0098 | 0.17500 | 0.01000 | 0.18368 | 0.00827 | 0.00289 | 16 | -1.05 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0186 | 0.17500 | 0.00400 | 0.18368 | 0.00827 | 0.00289 | 16 | -1.05 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0045 | 0.17900 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | -0.57 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0106 | 0.18200 | 0.00200 | 0.18368 | 0.00827 | 0.00289 | 16 | -0.20 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0187 | 0.18275 | 0.00270 | 0.18368 | 0.00827 | 0.00289 | 16 | -0.11 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0870 | 0.18375 | 0.00950 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.01 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0560 | 0.18400 | 0.00200 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.04 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0357 | 0.18500 | 0.01000 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.16 | 0% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0613 | 0.18700 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.40 | 1% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0202 | 0.19000 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.76 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0265 | 0.19000 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.76 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0278 | 0.19000 | 0.00000 | 0.18368 | 0.00827 | 0.00289 | 16 | 0.76 | 2% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0171 | 0.19350 | 0.00300 | 0.18368 | 0.00827 | 0.00289 | 16 | 1.19 | 3% | 0 |
| 036.42 | Sulfur, ICP, Open vessel (PCT) | 0708 | 0.20400 | 0.00200 | 0.18368 | 0.00827 | 0.00289 | 16 | 2.46 | 6% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0353 | 0.17000 | 0.02000 | 0.18512 | 0.01540 | 0.00716 | 7 | -0.98 | 4% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0294 | 0.17000 | 0.00000 | 0.18512 | 0.01540 | 0.00716 | 7 | -0.98 | 4% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0510 | 0.18000 | 0.00000 | 0.18512 | 0.01540 | 0.00716 | 7 | -0.33 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0508 | 0.18455 | 0.01510 | 0.18512 | 0.01540 | 0.00716 | 7 | -0.04 | 0% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0038 | 0.18850 | 0.00300 | 0.18512 | 0.01540 | 0.00716 | 7 | 0.22 | 1% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0169 | 0.19500 | 0.01000 | 0.18512 | 0.01540 | 0.00716 | 7 | 0.64 | 3% | 0 |
| 036.43 | Sulfur, ICP, Microwave (PCT) | 0042 | 0.20800 | 0.00200 | 0.18512 | 0.01540 | 0.00716 | 7 | 1.49 | 6% | 0 |
| 036.99 | Sulfur, Miscellaneous (PCT) | 0889 | 0.19000 | 0.00000 | 0.20400 | 0.01980 | 0.00000 | 2 | -0.71 | 3% | 0 |
| 036.99 | Sulfur, Miscellaneous (PCT) | 0550 | 0.21800 | 0.00000 | 0.20400 | 0.01980 | 0.00000 | 2 | 0.71 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0720 | 113.16 | 1.0570 | 150.45 | 7.4973 | 3.3825 | 19 | -4.97 | 12% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0208 | 126.50 | 1.0000 | 150.45 | 7.4973 | 3.3825 | 19 | -3.19 | 8% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0596 | 140.00 | 8.0000 | 150.45 | 7.4973 | 3.3825 | 19 | -1.39 | 3% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0590 | 143.30 | 2.8000 | 150.45 | 7.4973 | 3.3825 | 19 | -0.95 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0178 | 144.03 | 3.7100 | 150.45 | 7.4973 | 3.3825 | 19 | -0.86 | 2% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0669 | 148.06 | 2.3800 | 150.45 | 7.4973 | 3.3825 | 19 | -0.32 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0307 | 149.50 | 1.0000 | 150.45 | 7.4973 | 3.3825 | 19 | -0.13 | 0% | 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 | | | |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0175 | 150.00 | 8.0000 | 150.45 | 7.4973 | 3.3825 | 19 | -0.06 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0689 | 150.05 | 0.30000 | 150.45 | 7.4973 | 3.3825 | 19 | -0.05 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0305 | 150.13 | 4.9900 | 150.45 | 7.4973 | 3.3825 | 19 | -0.04 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0354 | 151.30 | 0.29000 | 150.45 | 7.4973 | 3.3825 | 19 | 0.11 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0653 | 151.45 | 2.9000 | 150.45 | 7.4973 | 3.3825 | 19 | 0.13 | 0% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0505 | 152.50 | 5.0000 | 150.45 | 7.4973 | 3.3825 | 19 | 0.27 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0874 | 153.20 | 5.4000 | 150.45 | 7.4973 | 3.3825 | 19 | 0.37 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0628 | 154.50 | 1.0000 | 150.45 | 7.4973 | 3.3825 | 19 | 0.54 | 1% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0866 | 164.54 | 2.5300 | 150.45 | 7.4973 | 3.3825 | 19 | 1.88 | 5% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0674 | 176.87 | 2.9100 | 150.45 | 7.4973 | 3.3825 | 19 | 3.52 | 9% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0868 | 177.00 | 10.000 | 150.45 | 7.4973 | 3.3825 | 19 | 3.54 | 9% | 0 |
| 037.31 | Zinc, AAS, Dry ash (PPM) | 0350 | 178.50 | 1.0000 | 150.45 | 7.4973 | 3.3825 | 19 | 3.74 | 9% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0039 | 150.20 | 3.4000 | 152.39 | 2.0125 | 3.8659 | 8 | -1.09 | 1% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0013 | 150.50 | 3.0000 | 152.39 | 2.0125 | 3.8659 | 8 | -0.94 | 1% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0014 | 151.50 | 1.0000 | 152.39 | 2.0125 | 3.8659 | 8 | -0.44 | 0% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0722 | 151.98 | 1.1271 | 152.39 | 2.0125 | 3.8659 | 8 | -0.20 | 0% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0504 | 152.20 | 9.4000 | 152.39 | 2.0125 | 3.8659 | 8 | -0.09 | 0% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0612 | 153.00 | 4.0000 | 152.39 | 2.0125 | 3.8659 | 8 | 0.30 | 0% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0035 | 155.50 | 1.0000 | 152.39 | 2.0125 | 3.8659 | 8 | 1.55 | 1% | 0 |
| 037.32 | Zinc, AAS, Open vessel (PPM) | 0038 | 160.00 | 8.0000 | 152.39 | 2.0125 | 3.8659 | 8 | 3.78 | 2% | 0 |
| 037.33 | Zinc, AAS, Microwave (PPM) | 0716 | 157.00 | 6.0000 | 157.50 | 0.70711 | 4.0000 | 2 | -0.71 | 0% | 0 |
| 037.33 | Zinc, AAS, Microwave (PPM) | 0033 | 158.00 | 2.0000 | 157.50 | 0.70711 | 4.0000 | 2 | 0.71 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0685 | 132.71 | 2.4900 | 152.11 | 7.8905 | 4.3357 | 34 | -2.46 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0300 | 139.93 | 6.9310 | 152.11 | 7.8905 | 4.3357 | 34 | -1.54 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0598 | 142.50 | 3.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -1.22 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0008 | 143.14 | 8.9204 | 152.11 | 7.8905 | 4.3357 | 34 | -1.14 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0026 | 143.50 | 3.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -1.09 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0242 | 144.00 | 2.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -1.03 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0164 | 144.50 | 1.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.96 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0358 | 145.42 | 11.500 | 152.11 | 7.8905 | 4.3357 | 34 | -0.85 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0019 | 146.75 | 14.500 | 152.11 | 7.8905 | 4.3357 | 34 | -0.68 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0848 | 147.30 | 2.7600 | 152.11 | 7.8905 | 4.3357 | 34 | -0.61 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0123 | 148.50 | 1.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.46 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0511 | 148.50 | 3.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.46 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0100 | 149.00 | 6.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.39 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0051 | 149.37 | 7.0700 | 152.11 | 7.8905 | 4.3357 | 34 | -0.35 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0226 | 151.00 | 4.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.14 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0405 | 151.00 | 2.0000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.14 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0695 | 151.08 | 4.5000 | 152.11 | 7.8905 | 4.3357 | 34 | -0.13 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0049 | 152.76 | 0.71000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.08 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0229 | 153.00 | 2.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.11 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0425 | 153.20 | 0.00000 | 152.11 | 7.8905 | 4.3357 | 34 | 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 | | | |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0083 | 153.50 | 1.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.18 | 0% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0407 | 156.45 | 0.13000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.55 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0003 | 156.50 | 9.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.56 | 1% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0074 | 157.00 | 4.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.62 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0682 | 157.08 | 0.00000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.63 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0550 | 157.16 | 0.73900 | 152.11 | 7.8905 | 4.3357 | 34 | 0.64 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0029 | 157.45 | 6.9000 | 152.11 | 7.8905 | 4.3357 | 34 | 0.68 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0512 | 157.70 | 15.600 | 152.11 | 7.8905 | 4.3357 | 34 | 0.71 | 2% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0148 | 160.40 | 1.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 1.05 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0629 | 160.50 | 4.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 1.06 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0011 | 162.20 | 1.6650 | 152.11 | 7.8905 | 4.3357 | 34 | 1.28 | 3% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0520 | 165.00 | 10.000 | 152.11 | 7.8905 | 4.3357 | 34 | 1.63 | 4% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0171 | 170.00 | 4.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 2.27 | 6% | 0 |
| 037.41 | Zinc, ICP, Dry ash (PPM) | 0208 | 172.50 | 3.0000 | 152.11 | 7.8905 | 4.3357 | 34 | 2.58 | 7% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0168 | 107.50 | 15.000 | 151.29 | 10.121 | 4.2983 | 24 | -4.33 | 14% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0870 | 116.50 | 1.0000 | 151.29 | 10.121 | 4.2983 | 24 | -3.44 | 11% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0037 | 134.05 | 3.1000 | 151.29 | 10.121 | 4.2983 | 24 | -1.70 | 6% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0366 | 140.00 | 6.0000 | 151.29 | 10.121 | 4.2983 | 24 | -1.12 | 4% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0265 | 141.00 | 2.0000 | 151.29 | 10.121 | 4.2983 | 24 | -1.02 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0098 | 141.15 | 6.7000 | 151.29 | 10.121 | 4.2983 | 24 | -1.00 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0160 | 145.50 | 3.0000 | 151.29 | 10.121 | 4.2983 | 24 | -0.57 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0613 | 146.95 | 1.9000 | 151.29 | 10.121 | 4.2983 | 24 | -0.43 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0357 | 149.00 | 0.00000 | 151.29 | 10.121 | 4.2983 | 24 | -0.23 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0096 | 150.40 | 12.800 | 151.29 | 10.121 | 4.2983 | 24 | -0.09 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0045 | 151.00 | 2.0000 | 151.29 | 10.121 | 4.2983 | 24 | -0.03 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0567 | 151.00 | 6.0000 | 151.29 | 10.121 | 4.2983 | 24 | -0.03 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0199 | 151.62 | 4.7300 | 151.29 | 10.121 | 4.2983 | 24 | 0.03 | 0% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0560 | 154.00 | 2.0000 | 151.29 | 10.121 | 4.2983 | 24 | 0.27 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0190 | 154.33 | 0.33000 | 151.29 | 10.121 | 4.2983 | 24 | 0.30 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0692 | 155.50 | 7.0000 | 151.29 | 10.121 | 4.2983 | 24 | 0.42 | 1% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0413 | 157.00 | 0.00000 | 151.29 | 10.121 | 4.2983 | 24 | 0.56 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0202 | 157.49 | 0.96000 | 151.29 | 10.121 | 4.2983 | 24 | 0.61 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0021 | 157.65 | 16.700 | 151.29 | 10.121 | 4.2983 | 24 | 0.63 | 2% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0186 | 160.50 | 3.0000 | 151.29 | 10.121 | 4.2983 | 24 | 0.91 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0187 | 161.27 | 0.34000 | 151.29 | 10.121 | 4.2983 | 24 | 0.99 | 3% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0035 | 163.00 | 0.00000 | 151.29 | 10.121 | 4.2983 | 24 | 1.16 | 4% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0106 | 167.00 | 8.0000 | 151.29 | 10.121 | 4.2983 | 24 | 1.55 | 5% | 0 |
| 037.42 | Zinc, ICP, Open vessel (PPM) | 0726 | 167.40 | 0.60000 | 151.29 | 10.121 | 4.2983 | 24 | 1.59 | 5% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0510 | 129.50 | 5.0000 | 148.29 | 8.5032 | 6.8682 | 11 | -2.21 | 6% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0294 | 141.97 | 3.1400 | 148.29 | 8.5032 | 6.8682 | 11 | -0.74 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0675 | 142.35 | 3.1300 | 148.29 | 8.5032 | 6.8682 | 11 | -0.70 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0508 | 142.99 | 10.380 | 148.29 | 8.5032 | 6.8682 | 11 | -0.62 | 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 | | | |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0169 | 146.00 | 6.0000 | 148.29 | 8.5032 | 6.8682 | 11 | -0.27 | 1% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0121 | 146.82 | 1.0700 | 148.29 | 8.5032 | 6.8682 | 11 | -0.17 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0616 | 147.50 | 1.0000 | 148.29 | 8.5032 | 6.8682 | 11 | -0.09 | 0% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0353 | 154.70 | 17.800 | 148.29 | 8.5032 | 6.8682 | 11 | 0.75 | 2% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0038 | 158.00 | 12.000 | 148.29 | 8.5032 | 6.8682 | 11 | 1.14 | 3% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0042 | 167.00 | 10.000 | 148.29 | 8.5032 | 6.8682 | 11 | 2.20 | 6% | 0 |
| 037.43 | Zinc, ICP, Microwave (PPM) | 0027 | 172.95 | 6.0300 | 148.29 | 8.5032 | 6.8682 | 11 | 2.90 | 8% | 0 |
| 037.44 | Zinc, ICP, Dry ash (PPM) | 0098 | 147.50 | 1.0000 | | | 1.0000 | 1 | | | |
| 037.52 | Zinc, ICP-MS, Open vessel (PPM) | 0016 | 122.50 | 9.0000 | 133.32 | 15.295 | 14.785 | 2 | -0.71 | 4% | 0 |
| 037.52 | Zinc, ICP-MS, Open vessel (PPM) | 0154 | 144.13 | 20.569 | 133.32 | 15.295 | 14.785 | 2 | 0.71 | 4% | 0 |
| 037.53 | Zinc, ICP-MS, Microwave (PPM) | 0572 | 169.00 | 6.0000 | | | 6.0000 | 1 | | | |
| 037.99 | Zinc, Miscellaneous (PPM) | 0889 | 132.50 | 1.0000 | 134.33 | 2.5809 | 5.2500 | 2 | -0.71 | 1% | 0 |
| 037.99 | Zinc, Miscellaneous (PPM) | 0047 | 136.15 | 9.5000 | 134.33 | 2.5809 | 5.2500 | 2 | 0.71 | 1% | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (PPM) | 0011 | 0.91050 | 0.04100 | 0.98275 | 0.10218 | 0.12550 | 2 | -0.71 | 4% | 0 |
| 038.41 | Molybdenum, ICP, Dry ash (PPM) | 0029 | 1.0550 | 0.21000 | 0.98275 | 0.10218 | 0.12550 | 2 | 0.71 | 4% | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (PPM) | 0106 | 1.0000 | 0.00000 | 1.7075 | 1.0006 | 0.19500 | 2 | -0.71 | 21% | 0 |
| 038.42 | Molybdenum, ICP, Open vessel (PPM) | 0278 | 2.4150 | 0.39000 | 1.7075 | 1.0006 | 0.19500 | 2 | 0.71 | 21% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (PPM) | 0353 | 0.73000 | 0.00000 | 0.93800 | 0.12872 | 0.13600 | 5 | -1.62 | 11% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (PPM) | 0169 | 0.93000 | 0.02000 | 0.93800 | 0.12872 | 0.13600 | 5 | -0.06 | 0% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (PPM) | 0038 | 0.94000 | 0.12000 | 0.93800 | 0.12872 | 0.13600 | 5 | 0.02 | 0% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (PPM) | 0508 | 1.0400 | 0.44000 | 0.93800 | 0.12872 | 0.13600 | 5 | 0.79 | 5% | 0 |
| 038.43 | Molybdenum, ICP, Microwave (PPM) | 0510 | 1.0500 | 0.10000 | 0.93800 | 0.12872 | 0.13600 | 5 | 0.87 | 6% | 0 |
| 038.52 | Molybdenum, ICP-MS, Open vessel (PPM) | 0154 | 1.0785 | 0.09100 | | | 0.09100 | 1 | | | |
| 039.31 | Nickel, AAS, Dry ash (PPM) | 0164 | 1.7500 | 0.10000 | | | 0.10000 | 1 | | | |
| 039.42 | Nickel, ICP, Open vessel (PPM) | 0560 | 1.6000 | 0.06000 | 1.8023 | 0.28602 | 0.51350 | 2 | -0.71 | 6% | 0 |
| 039.42 | Nickel, ICP, Open vessel (PPM) | 0021 | 2.0045 | 0.96700 | 1.8023 | 0.28602 | 0.51350 | 2 | 0.71 | 6% | 0 |
| 039.43 | Nickel, ICP, Microwave (PPM) | 0508 | 1.6550 | 1.3500 | | | 1.3500 | 1 | | | |
| 039.52 | Nickel, ICP-MS, Open vessel (PPM) | 0154 | 2.1315 | 0.86100 | | | 0.86100 | 1 | | | |
| 040.42 | Barium, ICP, Open vessel (PPM) | 0560 | 6.6600 | 0.06000 | | | 0.06000 | 1 | | | |
| 040.43 | Barium, ICP, Microwave (PPM) | 0508 | 6.2350 | 0.75000 | | | 0.75000 | 1 | | | |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0511 | 48.000 | 4.0000 | 51.438 | 2.8374 | 2.4826 | 8 | -1.21 | 3% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0013 | 49.250 | 1.9000 | 51.438 | 2.8374 | 2.4826 | 8 | -0.77 | 2% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0043 | 49.650 | 0.30000 | 51.438 | 2.8374 | 2.4826 | 8 | -0.63 | 2% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0218 | 50.847 | 0.66100 | 51.438 | 2.8374 | 2.4826 | 8 | -0.21 | 1% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0148 | 51.560 | 2.0000 | 51.438 | 2.8374 | 2.4826 | 8 | 0.04 | 0% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0035 | 52.700 | 2.2000 | 51.438 | 2.8374 | 2.4826 | 8 | 0.44 | 1% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0036 | 54.500 | 3.0000 | 51.438 | 2.8374 | 2.4826 | 8 | 1.08 | 3% | 0 |
| 051.00 | Chlortetracycline, Plate (g/Ton) | 0027 | 55.000 | 5.8000 | 51.438 | 2.8374 | 2.4826 | 8 | 1.26 | 3% | 0 |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0016 | 36.550 | 0.50000 | 45.293 | 8.8412 | 2.8983 | 6 | -0.99 | 10% | 0 |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0039 | 37.305 | 2.9900 | 45.293 | 8.8412 | 2.8983 | 6 | -0.90 | 9% | 0 |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0512 | 44.250 | 5.6000 | 45.293 | 8.8412 | 2.8983 | 6 | -0.12 | 1% | 0 |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0010 | 45.100 | 4.0000 | 45.293 | 8.8412 | 2.8983 | 6 | -0.02 | 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 | | | |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0001 | 53.500 | 0.40000 | 45.293 | 8.8412 | 2.8983 | 6 | 0.93 | 9% | 0 |
| 051.03 | Chlortetracycline, HPLC (g/Ton) | 0032 | 55.050 | 3.9000 | 45.293 | 8.8412 | 2.8983 | 6 | 1.10 | 11% | 0 |
| 101.99 | Choline Chloride, Miscellaneous (mg/LB) | 0208 | 671.92 | 27.240 | | | 27.240 | 1 | | | |
| 102.01 | Niacin, Micro (PCT) | 0208 | 36.138 | 0.72640 | 37.711 | 1.8811 | 1.2921 | 3 | -0.84 | 2% | 0 |
| 102.01 | Niacin, Micro (PCT) | 0227 | 37.200 | 2.2000 | 37.711 | 1.8811 | 1.2921 | 3 | -0.27 | 1% | 0 |
| 102.01 | Niacin, Micro (PCT) | 0096 | 39.795 | 0.95000 | 37.711 | 1.8811 | 1.2921 | 3 | 1.11 | 3% | 0 |
| 103.01 | Pantothenic Acid, Microbiological (mg/LB) | 0208 | 11.441 | 0.27240 | | | 0.27240 | 1 | | | |
| 104.00 | Riboflavin, Fluorometric (mg/LB) | 0208 | 3.0280 | 0.00000 | 3.2720 | 0.21488 | 0.11800 | 3 | -1.14 | 4% | 0 |
| 104.00 | Riboflavin, Fluorometric (mg/LB) | 0227 | 3.3550 | 0.19000 | 3.2720 | 0.21488 | 0.11800 | 3 | 0.39 | 1% | 0 |
| 104.00 | Riboflavin, Fluorometric (mg/LB) | 0096 | 3.4330 | 0.16400 | 3.2720 | 0.21488 | 0.11800 | 3 | 0.75 | 2% | 0 |
| 105.00 | Thiamine, HPLC (mg/LB) | 0160 | 1.7365 | 0.71100 | | | 0.71100 | 1 | | | |
| 106.00 | Vitamin A, Color (KU/LB) | 0171 | 7.3500 | 0.10000 | | | 0.10000 | 1 | | | |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0096 | 1.3910 | 0.07600 | 1.9813 | 0.61739 | 0.27775 | 8 | -0.96 | 15% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0199 | 1.5000 | 0.08000 | 1.9813 | 0.61739 | 0.27775 | 8 | -0.78 | 12% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0160 | 1.5310 | 0.95600 | 1.9813 | 0.61739 | 0.27775 | 8 | -0.73 | 11% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0003 | 1.5850 | 0.37000 | 1.9813 | 0.61739 | 0.27775 | 8 | -0.64 | 10% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0227 | 2.0800 | 0.06000 | 1.9813 | 0.61739 | 0.27775 | 8 | 0.16 | 2% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0208 | 2.4850 | 0.57000 | 1.9813 | 0.61739 | 0.27775 | 8 | 0.82 | 13% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0670 | 2.5850 | 0.01000 | 1.9813 | 0.61739 | 0.27775 | 8 | 0.98 | 15% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0675 | 3.2500 | 0.10000 | 1.9813 | 0.61739 | 0.27775 | 8 | 2.05 | 32% | 0 |
| 106.02 | Vitamin A, HPLC (KU/LB) | 0169 | 1,355.5 | 61.000 | 1.9813 | 0.61739 | 0.27775 | 8 | 2192.31 | 34157% | 2 |
| 107.00 | Vitamin B12, (mcg/LB) | 0227 | 5.6650 | 0.61000 | 7.0320 | 1.9332 | 0.53200 | 2 | -0.71 | 10% | 0 |
| 107.00 | Vitamin B12, (mcg/LB) | 0208 | 8.3990 | 0.45400 | 7.0320 | 1.9332 | 0.53200 | 2 | 0.71 | 10% | 0 |
| 107.99 | Vitamin B12, Miscellaneous (mcg/LB) | 0096 | 8.2085 | 1.0890 | | | 1.0890 | 1 | | | |
| 108.02 | Vitamin D3, HPLC (KU/LB) | 0208 | 0.50500 | 0.01000 | 0.70500 | 0.28284 | 0.03000 | 2 | -0.71 | 14% | 0 |
| 108.02 | Vitamin D3, HPLC (KU/LB) | 0675 | 0.90500 | 0.05000 | 0.70500 | 0.28284 | 0.03000 | 2 | 0.71 | 14% | 0 |
| 109.02 | Vitamin E, HPLC (mg/KG) | 0199 | 17.125 | 0.33000 | 25.566 | 7.1332 | 1.4280 | 5 | -1.18 | 17% | 0 |
| 109.02 | Vitamin E, HPLC (mg/KG) | 0169 | 22.700 | 0.20000 | 25.566 | 7.1332 | 1.4280 | 5 | -0.40 | 6% | 0 |
| 109.02 | Vitamin E, HPLC (mg/KG) | 0208 | 22.825 | 1.5500 | 25.566 | 7.1332 | 1.4280 | 5 | -0.38 | 5% | 0 |
| 109.02 | Vitamin E, HPLC (mg/KG) | 0227 | 29.600 | 3.0000 | 25.566 | 7.1332 | 1.4280 | 5 | 0.57 | 8% | 0 |
| 109.02 | Vitamin E, HPLC (mg/KG) | 0675 | 35.580 | 2.0600 | 25.566 | 7.1332 | 1.4280 | 5 | 1.40 | 20% | 0 |
| 109.99 | Vitamin E, Miscellaneous (mg/KG) | 0096 | 23.000 | 0.00000 | | | 0.00000 | 1 | | | |
| 112.00 | Pyridoxine, Vitamin B6 (mcg/G) | 0208 | 2.8489 | 0.43130 | | | 0.43130 | 1 | | | |
| 113.01 | Folic Acid, (mg/KG) | 0208 | 0.65500 | 0.05000 | | | 0.05000 | 1 | | | |
| 114.01 | Biotin, Microbiological (mg/KG) | 0208 | 0.19000 | 0.00000 | | | 0.00000 | 1 | | | |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0684 | 0.80350 | 0.00900 | 0.87190 | 0.02591 | 0.00870 | 10 | -2.64 | 4% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0227 | 0.85000 | 0.00000 | 0.87190 | 0.02591 | 0.00870 | 10 | -0.85 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0350 | 0.85700 | 0.00000 | 0.87190 | 0.02591 | 0.00870 | 10 | -0.58 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0675 | 0.86000 | 0.02000 | 0.87190 | 0.02591 | 0.00870 | 10 | -0.46 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0644 | 0.86100 | 0.00800 | 0.87190 | 0.02591 | 0.00870 | 10 | -0.42 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0504 | 0.88000 | 0.00000 | 0.87190 | 0.02591 | 0.00870 | 10 | 0.31 | 0% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0878 | 0.88550 | 0.00500 | 0.87190 | 0.02591 | 0.00870 | 10 | 0.52 | 1% | 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 | | | |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0571 | 0.89600 | 0.02200 | 0.87190 | 0.02591 | 0.00870 | 10 | 0.93 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0872 | 0.89650 | 0.02300 | 0.87190 | 0.02591 | 0.00870 | 10 | 0.95 | 1% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0652 | 0.90000 | 0.00000 | 0.87190 | 0.02591 | 0.00870 | 10 | 1.08 | 2% | 0 |
| 120.00 | Alanine, Post-col Ninhydrin Der (PCT) | 0160 | 1.6161 | 0.30920 | 0.87190 | 0.02591 | 0.00870 | 10 | 28.72 | 43% | 1 |
| 120.02 | Alanine, Post-col OPA Der (PCT) | 0098 | 0.90285 | 0.02290 | | | 0.02290 | 1 | | | |
| 120.05 | Alanine, Pre-col AQC Der (PCT) | 0038 | 0.84000 | 0.02600 | 1.7220 | 1.2473 | 0.03100 | 2 | -0.71 | 26% | 0 |
| 120.05 | Alanine, Pre-col AQC Der (PCT) | 0626 | 2.6040 | 0.03600 | 1.7220 | 1.2473 | 0.03100 | 2 | 0.71 | 26% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0675 | 1.0150 | 0.03000 | 1.1228 | 0.05696 | 0.02621 | 11 | -1.89 | 5% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0684 | 1.0475 | 0.04300 | 1.1228 | 0.05696 | 0.02621 | 11 | -1.32 | 3% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0227 | 1.0650 | 0.03000 | 1.1228 | 0.05696 | 0.02621 | 11 | -1.01 | 3% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0652 | 1.1000 | 0.00000 | 1.1228 | 0.05696 | 0.02621 | 11 | -0.40 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0878 | 1.1135 | 0.00900 | 1.1228 | 0.05696 | 0.02621 | 11 | -0.16 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0504 | 1.1300 | 0.04000 | 1.1228 | 0.05696 | 0.02621 | 11 | 0.13 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0350 | 1.1340 | 0.01600 | 1.1228 | 0.05696 | 0.02621 | 11 | 0.20 | 0% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0571 | 1.1550 | 0.03000 | 1.1228 | 0.05696 | 0.02621 | 11 | 0.56 | 1% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0872 | 1.1635 | 0.00900 | 1.1228 | 0.05696 | 0.02621 | 11 | 0.71 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0644 | 1.1745 | 0.00100 | 1.1228 | 0.05696 | 0.02621 | 11 | 0.91 | 2% | 0 |
| 121.00 | Arginine, Post-col Ninhydrin Der (PCT) | 0160 | 1.4048 | 0.08030 | 1.1228 | 0.05696 | 0.02621 | 11 | 4.95 | 13% | 0 |
| 121.02 | Arginine, Post-col OPA Der (PCT) | 0098 | 1.1329 | 0.05160 | | | 0.05160 | 1 | | | |
| 121.05 | Arginine, Pre-col AQC Der (PCT) | 0038 | 1.1350 | 0.07000 | 1.7855 | 0.91995 | 0.04000 | 2 | -0.71 | 18% | 0 |
| 121.05 | Arginine, Pre-col AQC Der (PCT) | 0626 | 2.4360 | 0.01000 | 1.7855 | 0.91995 | 0.04000 | 2 | 0.71 | 18% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0675 | 1.3450 | 0.01000 | 1.5382 | 0.05120 | 0.02390 | 10 | -3.77 | 6% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0684 | 1.4570 | 0.08200 | 1.5382 | 0.05120 | 0.02390 | 10 | -1.59 | 3% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0350 | 1.4905 | 0.00300 | 1.5382 | 0.05120 | 0.02390 | 10 | -0.93 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0504 | 1.5200 | 0.04000 | 1.5382 | 0.05120 | 0.02390 | 10 | -0.36 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0872 | 1.5475 | 0.04500 | 1.5382 | 0.05120 | 0.02390 | 10 | 0.18 | 0% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0227 | 1.5550 | 0.01000 | 1.5382 | 0.05120 | 0.02390 | 10 | 0.33 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0571 | 1.5600 | 0.04000 | 1.5382 | 0.05120 | 0.02390 | 10 | 0.43 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0878 | 1.5690 | 0.00600 | 1.5382 | 0.05120 | 0.02390 | 10 | 0.60 | 1% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0644 | 1.5875 | 0.00300 | 1.5382 | 0.05120 | 0.02390 | 10 | 0.96 | 2% | 0 |
| 122.00 | Aspartic, Post-col Ninhydrin Der (PCT) | 0652 | 1.6000 | 0.00000 | 1.5382 | 0.05120 | 0.02390 | 10 | 1.21 | 2% | 0 |
| 122.02 | Aspartic, Post-col OPA Der (PCT) | 0098 | 1.5617 | 0.08170 | | | 0.08170 | 1 | | | |
| 122.05 | Aspartic, Pre-col AQC Der (PCT) | 0038 | 1.4550 | 0.07000 | 1.9975 | 0.76721 | 0.05900 | 2 | -0.71 | 14% | 0 |
| 122.05 | Aspartic, Pre-col AQC Der (PCT) | 0626 | 2.5400 | 0.04800 | 1.9975 | 0.76721 | 0.05900 | 2 | 0.71 | 14% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0644 | 0.26750 | 0.00300 | 0.28825 | 0.01790 | 0.00590 | 10 | -1.16 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0504 | 0.27000 | 0.00000 | 0.28825 | 0.01790 | 0.00590 | 10 | -1.02 | 3% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0684 | 0.27150 | 0.02100 | 0.28825 | 0.01790 | 0.00590 | 10 | -0.94 | 3% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0171 | 0.28200 | 0.01400 | 0.28825 | 0.01790 | 0.00590 | 10 | -0.35 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0350 | 0.28350 | 0.00900 | 0.28825 | 0.01790 | 0.00590 | 10 | -0.27 | 1% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0675 | 0.29000 | 0.00000 | 0.28825 | 0.01790 | 0.00590 | 10 | 0.10 | 0% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0652 | 0.30000 | 0.00000 | 0.28825 | 0.01790 | 0.00590 | 10 | 0.66 | 2% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydry (PCT) | 0571 | 0.30150 | 0.00500 | 0.28825 | 0.01790 | 0.00590 | 10 | 0.74 | 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 | | | |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (PCT) | 0872 | 0.30500 | 0.00400 | 0.28825 | 0.01790 | 0.00590 | 10 | 0.94 | 3% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (PCT) | 0878 | 0.31150 | 0.00300 | 0.28825 | 0.01790 | 0.00590 | 10 | 1.30 | 4% | 0 |
| 124.00 | Cysteine/Cystine, PAO Post-col Ninhydri (PCT) | 0160 | 0.33020 | 0.08760 | 0.28825 | 0.01790 | 0.00590 | 10 | 2.34 | 7% | 1 |
| 124.02 | Cysteine/Cystine, PAO Post-col OPA Der (PCT) | 0227 | 0.27500 | 0.01000 | 0.28975 | 0.02086 | 0.00570 | 2 | -0.71 | 3% | 0 |
| 124.02 | Cysteine/Cystine, PAO Post-col OPA Der (PCT) | 0098 | 0.30450 | 0.00140 | 0.28975 | 0.02086 | 0.00570 | 2 | 0.71 | 3% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0675 | 2.7750 | 0.03000 | 2.9702 | 0.11452 | 0.04052 | 11 | -1.70 | 3% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0504 | 2.8600 | 0.00000 | 2.9702 | 0.11452 | 0.04052 | 11 | -0.96 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0160 | 2.8875 | 0.10470 | 2.9702 | 0.11452 | 0.04052 | 11 | -0.72 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0350 | 2.9315 | 0.00700 | 2.9702 | 0.11452 | 0.04052 | 11 | -0.34 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0684 | 2.9350 | 0.06600 | 2.9702 | 0.11452 | 0.04052 | 11 | -0.31 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0652 | 2.9500 | 0.10000 | 2.9702 | 0.11452 | 0.04052 | 11 | -0.18 | 0% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0571 | 3.0150 | 0.01000 | 2.9702 | 0.11452 | 0.04052 | 11 | 0.39 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0227 | 3.0450 | 0.01000 | 2.9702 | 0.11452 | 0.04052 | 11 | 0.65 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0878 | 3.0530 | 0.00400 | 2.9702 | 0.11452 | 0.04052 | 11 | 0.72 | 1% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0872 | 3.0600 | 0.07800 | 2.9702 | 0.11452 | 0.04052 | 11 | 0.78 | 2% | 0 |
| 125.00 | Glutamic, Post-col Ninhydrin Der (PCT) | 0644 | 3.1370 | 0.03600 | 2.9702 | 0.11452 | 0.04052 | 11 | 1.46 | 3% | 0 |
| 125.02 | Glutamic, Post-col OPA Der (PCT) | 0098 | 3.0338 | 0.08840 | | | 0.08840 | 1 | | | |
| 125.05 | Glutamic, Pre-col AQC Der (PCT) | 0038 | 2.8700 | 0.12000 | 3.4703 | 0.84888 | 0.08550 | 2 | -0.71 | 9% | 0 |
| 125.05 | Glutamic, Pre-col AQC Der (PCT) | 0626 | 4.0705 | 0.05100 | 3.4703 | 0.84888 | 0.08550 | 2 | 0.71 | 9% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0684 | 0.71000 | 0.00000 | 0.77633 | 0.02434 | 0.00830 | 10 | -2.73 | 4% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0350 | 0.75550 | 0.00500 | 0.77633 | 0.02434 | 0.00830 | 10 | -0.86 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0675 | 0.76000 | 0.02000 | 0.77633 | 0.02434 | 0.00830 | 10 | -0.67 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0644 | 0.76150 | 0.01500 | 0.77633 | 0.02434 | 0.00830 | 10 | -0.61 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0227 | 0.77500 | 0.01000 | 0.77633 | 0.02434 | 0.00830 | 10 | -0.05 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0504 | 0.78000 | 0.00000 | 0.77633 | 0.02434 | 0.00830 | 10 | 0.15 | 0% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0571 | 0.79450 | 0.00300 | 0.77633 | 0.02434 | 0.00830 | 10 | 0.75 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0872 | 0.79700 | 0.03000 | 0.77633 | 0.02434 | 0.00830 | 10 | 0.85 | 1% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0652 | 0.80000 | 0.00000 | 0.77633 | 0.02434 | 0.00830 | 10 | 0.97 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0878 | 0.80000 | 0.00000 | 0.77633 | 0.02434 | 0.00830 | 10 | 0.97 | 2% | 0 |
| 126.00 | Glycine, Post-col Ninhydrin Der (PCT) | 0160 | 0.80620 | 0.12760 | 0.77633 | 0.02434 | 0.00830 | 10 | 1.23 | 2% | 1 |
| 126.02 | Glycine, Post-col OPA Der (PCT) | 0098 | 0.81020 | 0.04020 | | | 0.04020 | 1 | | | |
| 126.05 | Glycine, Pre-col AQC Der (PCT) | 0038 | 0.75050 | 0.01500 | 2.7555 | 2.8355 | 0.05500 | 2 | -0.71 | 36% | 0 |
| 126.05 | Glycine, Pre-col AQC Der (PCT) | 0626 | 4.7605 | 0.09500 | 2.7555 | 2.8355 | 0.05500 | 2 | 0.71 | 36% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0684 | 0.40850 | 0.00300 | 0.45331 | 0.01970 | 0.00710 | 10 | -2.27 | 5% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0675 | 0.42000 | 0.00000 | 0.45331 | 0.01970 | 0.00710 | 10 | -1.69 | 4% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0872 | 0.44250 | 0.01700 | 0.45331 | 0.01970 | 0.00710 | 10 | -0.55 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0504 | 0.44500 | 0.01000 | 0.45331 | 0.01970 | 0.00710 | 10 | -0.42 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0571 | 0.45450 | 0.00100 | 0.45331 | 0.01970 | 0.00710 | 10 | 0.06 | 0% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0878 | 0.45950 | 0.01300 | 0.45331 | 0.01970 | 0.00710 | 10 | 0.31 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0227 | 0.46000 | 0.02000 | 0.45331 | 0.01970 | 0.00710 | 10 | 0.34 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0644 | 0.46100 | 0.00600 | 0.45331 | 0.01970 | 0.00710 | 10 | 0.39 | 1% | 0 |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0350 | 0.47050 | 0.00100 | 0.45331 | 0.01970 | 0.00710 | 10 | 0.87 | 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 | | | |
| 127.00 | Histidine, Post-col Ninhydrin Der (PCT) | 0652 | 0.50000 | 0.00000 | 0.45331 | 0.01970 | 0.00710 | 10 | 2.37 | 5% | 0 |
| 127.02 | Histidine, Post-col OPA Der (PCT) | 0098 | 0.43655 | 0.01390 | | | 0.01390 | 1 | | | |
| 127.05 | Histidine, Pre-col AQC Der (PCT) | 0038 | 0.40650 | 0.02700 | 0.57575 | 0.23936 | 0.01450 | 2 | -0.71 | 15% | 0 |
| 127.05 | Histidine, Pre-col AQC Der (PCT) | 0626 | 0.74500 | 0.00200 | 0.57575 | 0.23936 | 0.01450 | 2 | 0.71 | 15% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0675 | 0.54500 | 0.01000 | 0.62544 | 0.03540 | 0.01401 | 11 | -2.27 | 6% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0350 | 0.58650 | 0.00100 | 0.62544 | 0.03540 | 0.01401 | 11 | -1.10 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0684 | 0.59950 | 0.01500 | 0.62544 | 0.03540 | 0.01401 | 11 | -0.73 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0652 | 0.60000 | 0.00000 | 0.62544 | 0.03540 | 0.01401 | 11 | -0.72 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0160 | 0.62425 | 0.03010 | 0.62544 | 0.03540 | 0.01401 | 11 | -0.03 | 0% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0644 | 0.63250 | 0.00700 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.20 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0227 | 0.63500 | 0.01000 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.27 | 1% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0872 | 0.65050 | 0.02900 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.71 | 2% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0571 | 0.65900 | 0.00200 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.95 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0878 | 0.65900 | 0.01000 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.95 | 3% | 0 |
| 128.00 | Isoleucine, Post-col Ninhydrin Der (PCT) | 0504 | 0.66000 | 0.04000 | 0.62544 | 0.03540 | 0.01401 | 11 | 0.98 | 3% | 0 |
| 128.02 | Isoleucine, Post-col OPA Der (PCT) | 0098 | 0.68200 | 0.03900 | | | 0.03900 | 1 | | | |
| 128.05 | Isoleucine, Pre-col AQC Der (PCT) | 0038 | 0.53400 | 0.15600 | 0.75525 | 0.31289 | 0.08350 | 2 | -0.71 | 15% | 0 |
| 128.05 | Isoleucine, Pre-col AQC Der (PCT) | 0626 | 0.97650 | 0.01100 | 0.75525 | 0.31289 | 0.08350 | 2 | 0.71 | 15% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0160 | 1.3167 | 0.06910 | 1.3697 | 0.03756 | 0.02037 | 11 | -1.41 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0350 | 1.3210 | 0.00800 | 1.3697 | 0.03756 | 0.02037 | 11 | -1.30 | 2% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0684 | 1.3305 | 0.02700 | 1.3697 | 0.03756 | 0.02037 | 11 | -1.04 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0675 | 1.3650 | 0.03000 | 1.3697 | 0.03756 | 0.02037 | 11 | -0.12 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0227 | 1.3700 | 0.02000 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.01 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0872 | 1.3740 | 0.02800 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.12 | 0% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0644 | 1.3840 | 0.00800 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.38 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0504 | 1.4000 | 0.02000 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.81 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0652 | 1.4000 | 0.00000 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.81 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0878 | 1.4000 | 0.00400 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.81 | 1% | 0 |
| 129.00 | Leucine, Post-col Ninhydrin Der (PCT) | 0571 | 1.4050 | 0.01000 | 1.3697 | 0.03756 | 0.02037 | 11 | 0.94 | 1% | 0 |
| 129.02 | Leucine, Post-col OPA Der (PCT) | 0098 | 1.4111 | 0.02750 | | | 0.02750 | 1 | | | |
| 129.05 | Leucine, Pre-col AQC Der (PCT) | 0038 | 1.2900 | 0.06000 | 1.6635 | 0.52821 | 0.04000 | 2 | -0.71 | 11% | 0 |
| 129.05 | Leucine, Pre-col AQC Der (PCT) | 0626 | 2.0370 | 0.02000 | 1.6635 | 0.52821 | 0.04000 | 2 | 0.71 | 11% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0684 | 0.74500 | 0.00200 | 0.81595 | 0.02802 | 0.01199 | 13 | -2.53 | 4% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0860 | 0.76325 | 0.00210 | 0.81595 | 0.02802 | 0.01199 | 13 | -1.88 | 3% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0171 | 0.78200 | 0.00400 | 0.81595 | 0.02802 | 0.01199 | 13 | -1.21 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0652 | 0.80000 | 0.00000 | 0.81595 | 0.02802 | 0.01199 | 13 | -0.57 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0878 | 0.80600 | 0.00800 | 0.81595 | 0.02802 | 0.01199 | 13 | -0.35 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0227 | 0.81000 | 0.02000 | 0.81595 | 0.02802 | 0.01199 | 13 | -0.21 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0350 | 0.81850 | 0.00300 | 0.81595 | 0.02802 | 0.01199 | 13 | 0.09 | 0% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0571 | 0.82500 | 0.01800 | 0.81595 | 0.02802 | 0.01199 | 13 | 0.32 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0872 | 0.83250 | 0.02300 | 0.81595 | 0.02802 | 0.01199 | 13 | 0.59 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0644 | 0.83450 | 0.01500 | 0.81595 | 0.02802 | 0.01199 | 13 | 0.66 | 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 | | | |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0504 | 0.83500 | 0.03000 | 0.81595 | 0.02802 | 0.01199 | 13 | 0.68 | 1% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0675 | 0.84500 | 0.01000 | 0.81595 | 0.02802 | 0.01199 | 13 | 1.04 | 2% | 0 |
| 130.00 | L-Lysine, Post-col Ninhydrin Der (PCT) | 0160 | 0.92120 | 0.02080 | 0.81595 | 0.02802 | 0.01199 | 13 | 3.76 | 6% | 0 |
| 130.01 | L-Lysine, Pre-col OPA Der (PCT) | 0035 | 0.77500 | 0.01000 | 1.1675 | 0.55508 | 0.08500 | 2 | -0.71 | 17% | 0 |
| 130.01 | L-Lysine, Pre-col OPA Der (PCT) | 0875 | 1.5600 | 0.16000 | 1.1675 | 0.55508 | 0.08500 | 2 | 0.71 | 17% | 0 |
| 130.02 | L-Lysine, Post-col OPA Der (PCT) | 0098 | 0.82800 | 0.04760 | | | 0.04760 | 1 | | | |
| 130.05 | L-Lysine, Pre-col AQC Der (PCT) | 0038 | 0.73850 | 0.04900 | 1.0055 | 0.48130 | 0.05340 | 5 | -0.55 | 13% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (PCT) | 0016 | 0.77200 | 0.04400 | 1.0055 | 0.48130 | 0.05340 | 5 | -0.49 | 12% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (PCT) | 0723 | 0.79000 | 0.02000 | 1.0055 | 0.48130 | 0.05340 | 5 | -0.45 | 11% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (PCT) | 0027 | 0.86450 | 0.15300 | 1.0055 | 0.48130 | 0.05340 | 5 | -0.29 | 7% | 0 |
| 130.05 | L-Lysine, Pre-col AQC Der (PCT) | 0626 | 1.8625 | 0.00100 | 1.0055 | 0.48130 | 0.05340 | 5 | 1.78 | 43% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0350 | 0.25600 | 0.00000 | 0.27557 | 0.00912 | 0.00847 | 11 | -2.15 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0878 | 0.26400 | 0.00400 | 0.27557 | 0.00912 | 0.00847 | 11 | -1.27 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0504 | 0.27000 | 0.00000 | 0.27557 | 0.00912 | 0.00847 | 11 | -0.61 | 1% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0872 | 0.27350 | 0.00700 | 0.27557 | 0.00912 | 0.00847 | 11 | -0.23 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0684 | 0.27400 | 0.02800 | 0.27557 | 0.00912 | 0.00847 | 11 | -0.17 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0160 | 0.27500 | 0.03320 | 0.27557 | 0.00912 | 0.00847 | 11 | -0.06 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0675 | 0.27500 | 0.01000 | 0.27557 | 0.00912 | 0.00847 | 11 | -0.06 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0571 | 0.27750 | 0.00300 | 0.27557 | 0.00912 | 0.00847 | 11 | 0.21 | 0% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0171 | 0.28800 | 0.00200 | 0.27557 | 0.00912 | 0.00847 | 11 | 1.36 | 2% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0652 | 0.30000 | 0.00000 | 0.27557 | 0.00912 | 0.00847 | 11 | 2.68 | 4% | 0 |
| 131.00 | Methionine, PAO Post-col Ninhydrin Der (PCT) | 0644 | 0.30300 | 0.00600 | 0.27557 | 0.00912 | 0.00847 | 11 | 3.01 | 5% | 0 |
| 131.02 | Methionine, PAO Post-col OPA Der (PCT) | 0098 | 0.26950 | 0.00120 | 0.27475 | 0.00742 | 0.00060 | 2 | -0.71 | 1% | 0 |
| 131.02 | Methionine, PAO Post-col OPA Der (PCT) | 0227 | 0.28000 | 0.00000 | 0.27475 | 0.00742 | 0.00060 | 2 | 0.71 | 1% | 0 |
| 131.05 | Methionine, PAO Pre-col AQC Der (PCT) | 0626 | 0.65800 | 0.00200 | | | 0.00200 | 1 | | | |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0675 | 0.71000 | 0.02000 | 0.77360 | 0.03154 | 0.00940 | 10 | -2.02 | 4% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0684 | 0.73150 | 0.01900 | 0.77360 | 0.03154 | 0.00940 | 10 | -1.33 | 3% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0878 | 0.74750 | 0.00300 | 0.77360 | 0.03154 | 0.00940 | 10 | -0.83 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0350 | 0.75600 | 0.00400 | 0.77360 | 0.03154 | 0.00940 | 10 | -0.56 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0227 | 0.77500 | 0.01000 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.04 | 0% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0504 | 0.79000 | 0.02000 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.52 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0872 | 0.79200 | 0.01200 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.58 | 1% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0644 | 0.79750 | 0.00300 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.76 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0652 | 0.80000 | 0.00000 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.84 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0571 | 0.80750 | 0.00300 | 0.77360 | 0.03154 | 0.00940 | 10 | 1.07 | 2% | 0 |
| 132.00 | Phenylalanine, Post-col Ninhydrin Der (PCT) | 0160 | 0.80090 | 0.04920 | 0.77360 | 0.03154 | 0.00940 | 10 | 0.87 | 2% | 1 |
| 132.02 | Phenylalanine, Post-col OPA Der (PCT) | 0098 | 0.82285 | 0.03230 | | | 0.03230 | 1 | | | |
| 132.05 | Phenylalanine, Pre-col AQC Der (PCT) | 0038 | 0.73900 | 0.03800 | 0.95425 | 0.30441 | 0.01950 | 2 | -0.71 | 11% | 0 |
| 132.05 | Phenylalanine, Pre-col AQC Der (PCT) | 0626 | 1.1695 | 0.00100 | 0.95425 | 0.30441 | 0.01950 | 2 | 0.71 | 11% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0684 | 0.96850 | 0.04700 | 1.0204 | 0.03970 | 0.02080 | 10 | -1.31 | 3% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0350 | 0.97300 | 0.00400 | 1.0204 | 0.03970 | 0.02080 | 10 | -1.19 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0652 | 1.0000 | 0.00000 | 1.0204 | 0.03970 | 0.02080 | 10 | -0.51 | 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 (PCT) | 0878 | 1.0010 | 0.00600 | 1.0204 | 0.03970 | 0.02080 | 10 | -0.49 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0504 | 1.0250 | 0.07000 | 1.0204 | 0.03970 | 0.02080 | 10 | 0.12 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0675 | 1.0250 | 0.01000 | 1.0204 | 0.03970 | 0.02080 | 10 | 0.12 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0227 | 1.0300 | 0.00000 | 1.0204 | 0.03970 | 0.02080 | 10 | 0.24 | 0% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0872 | 1.0410 | 0.00800 | 1.0204 | 0.03970 | 0.02080 | 10 | 0.52 | 1% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0644 | 1.0585 | 0.00300 | 1.0204 | 0.03970 | 0.02080 | 10 | 0.96 | 2% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0571 | 1.0800 | 0.06000 | 1.0204 | 0.03970 | 0.02080 | 10 | 1.50 | 3% | 0 |
| 133.00 | Proline, Post-col Ninhydrin Der (PCT) | 0160 | 1.0110 | 0.18890 | 1.0204 | 0.03970 | 0.02080 | 10 | -0.24 | 0% | 1 |
| 133.05 | Proline, Pre-col AQC Der (PCT) | 0038 | 0.99000 | 0.01000 | 2.0088 | 1.4407 | 0.01950 | 2 | -0.71 | 25% | 0 |
| 133.05 | Proline, Pre-col AQC Der (PCT) | 0626 | 3.0275 | 0.02900 | 2.0088 | 1.4407 | 0.01950 | 2 | 0.71 | 25% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0504 | 0.65500 | 0.03000 | 0.77527 | 0.02982 | 0.01140 | 10 | -4.03 | 8% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0675 | 0.72000 | 0.00000 | 0.77527 | 0.02982 | 0.01140 | 10 | -1.85 | 4% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0684 | 0.74150 | 0.00700 | 0.77527 | 0.02982 | 0.01140 | 10 | -1.13 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0644 | 0.75250 | 0.00700 | 0.77527 | 0.02982 | 0.01140 | 10 | -0.76 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0872 | 0.78500 | 0.00400 | 0.77527 | 0.02982 | 0.01140 | 10 | 0.33 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0571 | 0.78700 | 0.01200 | 0.77527 | 0.02982 | 0.01140 | 10 | 0.39 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0350 | 0.79150 | 0.02300 | 0.77527 | 0.02982 | 0.01140 | 10 | 0.54 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0878 | 0.79550 | 0.01100 | 0.77527 | 0.02982 | 0.01140 | 10 | 0.68 | 1% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0652 | 0.80000 | 0.00000 | 0.77527 | 0.02982 | 0.01140 | 10 | 0.83 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0227 | 0.81000 | 0.02000 | 0.77527 | 0.02982 | 0.01140 | 10 | 1.16 | 2% | 0 |
| 134.00 | Serine, Post-col Ninhydrin Der (PCT) | 0160 | 0.77360 | 0.15080 | 0.77527 | 0.02982 | 0.01140 | 10 | -0.06 | 0% | 1 |
| 134.02 | Serine, Post-col OPA Der (PCT) | 0098 | 0.70645 | 0.02430 | | | 0.02430 | 1 | | | |
| 134.05 | Serine, Pre-col AQC Der (PCT) | 0038 | 0.81300 | 0.04800 | 1.0625 | 0.35285 | 0.02600 | 2 | -0.71 | 12% | 0 |
| 134.05 | Serine, Pre-col AQC Der (PCT) | 0626 | 1.3120 | 0.00400 | 1.0625 | 0.35285 | 0.02600 | 2 | 0.71 | 12% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0675 | 0.56500 | 0.01000 | 0.60357 | 0.01455 | 0.01476 | 11 | -2.65 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0227 | 0.57000 | 0.04000 | 0.60357 | 0.01455 | 0.01476 | 11 | -2.31 | 3% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0684 | 0.57650 | 0.01900 | 0.60357 | 0.01455 | 0.01476 | 11 | -1.86 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0504 | 0.58500 | 0.01000 | 0.60357 | 0.01455 | 0.01476 | 11 | -1.28 | 2% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0652 | 0.60000 | 0.00000 | 0.60357 | 0.01455 | 0.01476 | 11 | -0.25 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0350 | 0.60700 | 0.00400 | 0.60357 | 0.01455 | 0.01476 | 11 | 0.24 | 0% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0571 | 0.61050 | 0.01300 | 0.60357 | 0.01455 | 0.01476 | 11 | 0.48 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0160 | 0.61120 | 0.04240 | 0.60357 | 0.01455 | 0.01476 | 11 | 0.52 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0872 | 0.61400 | 0.01200 | 0.60357 | 0.01455 | 0.01476 | 11 | 0.72 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0878 | 0.61500 | 0.00600 | 0.60357 | 0.01455 | 0.01476 | 11 | 0.79 | 1% | 0 |
| 135.00 | Threonine, Post-col Ninhydrin Der (PCT) | 0644 | 0.62600 | 0.00600 | 0.60357 | 0.01455 | 0.01476 | 11 | 1.54 | 2% | 0 |
| 135.02 | Threonine, Post-col OPA Der (PCT) | 0098 | 0.60400 | 0.00320 | | | 0.00320 | 1 | | | |
| 135.05 | Threonine, Pre-col AQC Der (PCT) | 0038 | 0.58800 | 0.01000 | 0.85425 | 0.37653 | 0.00850 | 2 | -0.71 | 16% | 0 |
| 135.05 | Threonine, Pre-col AQC Der (PCT) | 0626 | 1.1205 | 0.00700 | 0.85425 | 0.37653 | 0.00850 | 2 | 0.71 | 16% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (PCT) | 0684 | 0.20300 | 0.00800 | 0.24013 | 0.05250 | 0.00915 | 2 | -0.71 | 8% | 0 |
| 136.00 | Tryptophan, Alka-Hydrol Post-col Ninhyd (PCT) | 0160 | 0.27725 | 0.01030 | 0.24013 | 0.05250 | 0.00915 | 2 | 0.71 | 8% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (PCT) | 0868 | 0.17450 | 0.00700 | 0.19113 | 0.01699 | 0.00275 | 4 | -0.98 | 4% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (PCT) | 0878 | 0.17950 | 0.00300 | 0.19113 | 0.01699 | 0.00275 | 4 | -0.68 | 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 | | | |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (PCT) | 0227 | 0.20000 | 0.00000 | 0.19113 | 0.01699 | 0.00275 | 4 | 0.52 | 2% | 0 |
| 136.01 | Tryptophan, Alka-Hydrol Rev Phase LC UV (PCT) | 0644 | 0.21050 | 0.00100 | 0.19113 | 0.01699 | 0.00275 | 4 | 1.14 | 5% | 0 |
| 136.99 | Tryptophan, Miscellaneous (PCT) | 0504 | 0.18000 | 0.02000 | 0.19200 | 0.01697 | 0.01100 | 2 | -0.71 | 3% | 0 |
| 136.99 | Tryptophan, Miscellaneous (PCT) | 0098 | 0.20400 | 0.00200 | 0.19200 | 0.01697 | 0.01100 | 2 | 0.71 | 3% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0227 | 0.47500 | 0.03000 | 0.51503 | 0.01884 | 0.01614 | 7 | -2.13 | 4% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0350 | 0.50450 | 0.00300 | 0.51503 | 0.01884 | 0.01614 | 7 | -0.56 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0504 | 0.50500 | 0.03000 | 0.51503 | 0.01884 | 0.01614 | 7 | -0.53 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0872 | 0.52000 | 0.00400 | 0.51503 | 0.01884 | 0.01614 | 7 | 0.26 | 0% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0684 | 0.52350 | 0.02100 | 0.51503 | 0.01884 | 0.01614 | 7 | 0.45 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0675 | 0.53000 | 0.02000 | 0.51503 | 0.01884 | 0.01614 | 7 | 0.79 | 1% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0644 | 0.53450 | 0.00500 | 0.51503 | 0.01884 | 0.01614 | 7 | 1.03 | 2% | 0 |
| 137.00 | Tyrosine, Post-col Ninhydrin Der (PCT) | 0160 | 0.62845 | 0.09430 | 0.51503 | 0.01884 | 0.01614 | 7 | 6.02 | 11% | 1 |
| 137.02 | Tyrosine, Post-col OPA Der (PCT) | 0098 | 0.49985 | 0.01970 | | | 0.01970 | 1 | | | |
| 137.05 | Tyrosine, Pre-col AQC Der (PCT) | 0038 | 0.53900 | 0.02200 | 0.66950 | 0.18455 | 0.01500 | 2 | -0.71 | 10% | 0 |
| 137.05 | Tyrosine, Pre-col AQC Der (PCT) | 0626 | 0.80000 | 0.00800 | 0.66950 | 0.18455 | 0.01500 | 2 | 0.71 | 10% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0684 | 0.70900 | 0.00200 | 0.78387 | 0.02473 | 0.01066 | 11 | -3.03 | 5% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0675 | 0.72000 | 0.02000 | 0.78387 | 0.02473 | 0.01066 | 11 | -2.58 | 4% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0350 | 0.75750 | 0.00100 | 0.78387 | 0.02473 | 0.01066 | 11 | -1.07 | 2% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0878 | 0.77850 | 0.01500 | 0.78387 | 0.02473 | 0.01066 | 11 | -0.22 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0872 | 0.78050 | 0.03300 | 0.78387 | 0.02473 | 0.01066 | 11 | -0.14 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0644 | 0.78550 | 0.00100 | 0.78387 | 0.02473 | 0.01066 | 11 | 0.07 | 0% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0160 | 0.79385 | 0.02030 | 0.78387 | 0.02473 | 0.01066 | 11 | 0.40 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0571 | 0.79750 | 0.00500 | 0.78387 | 0.02473 | 0.01066 | 11 | 0.55 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0652 | 0.80000 | 0.00000 | 0.78387 | 0.02473 | 0.01066 | 11 | 0.65 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0504 | 0.80500 | 0.01000 | 0.78387 | 0.02473 | 0.01066 | 11 | 0.85 | 1% | 0 |
| 138.00 | Valine, Post-col Ninhydrin Der (PCT) | 0227 | 0.82500 | 0.01000 | 0.78387 | 0.02473 | 0.01066 | 11 | 1.66 | 3% | 0 |
| 138.02 | Valine, Post-col OPA Der (PCT) | 0098 | 0.80525 | 0.05210 | | | 0.05210 | 1 | | | |
| 138.05 | Valine, Pre-col AQC Der (PCT) | 0038 | 0.65350 | 0.17300 | 1.7945 | 1.6136 | 1.5930 | 2 | -0.71 | 32% | 0 |
| 138.05 | Valine, Pre-col AQC Der (PCT) | 0626 | 2.9355 | 3.0130 | 1.7945 | 1.6136 | 1.5930 | 2 | 0.71 | 32% | 0 |
| 139.00 | Taurine, Post-col Ninhydrin Der (PCT) | 0504 | 0.05500 | 0.01000 | | | 0.01000 | 1 | | | |