Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med
Association of American Feed Control Officials

| Method | AOAC 18th | Method Code | - Pass 1 Results for 212 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | - Pass 2 Results for 211 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| NPN, Urea + Am, Urease Method..... | 941.04 | 000.01 | 1 | 2.14500 | 0.03536 | 0.05000 | 1 | 2.14500 | 0.03536 | 0.05000 |
| NPN, Automated ..... | | 000.03 | 1 | 4.01500 | 0.02121 | 0.03000 | 1 | 4.01500 | 0.02121 | 0.03000 |
| Urea, Misc ..... | | 000.99 | 1 | 2.10000 | 0.18385 | 0.26000 | 1 | 2.10000 | 0.18385 | 0.26000 |
| Method Group 000.XX PCT | | | 3 | 2.75333 | 0.98112 | 0.11333 | 3 | 2.75333 | 0.98112 | 0.11333 |
| Loss on Drying, Vac 95 deg 5 hr ..... | 934.01 | 001.00 | 12 | 9.39708 | 0.70518 | 0.18917 | 11 | 9.34636 | 0.69645 | 0.10909 |
| Loss on Drying, ISO 6496 ..... | | 001.03 | 7 | 9.12936 | 0.48640 | 0.11443 | 6 | 9.29583 | 0.23685 | 0.04833 |
| Loss on Drying, LECO ..... | | 001.05 | 1 | 9.07500 | 0.04950 | 0.07000 | 1 | 9.07500 | 0.04950 | 0.07000 |
| Loss on Drying, 104 deg 3 hr, in malt . | 935.29 | 001.07 | 32 | 9.21242 | 0.29809 | 0.10109 | 30 | 9.22875 | 0.24562 | 0.08550 |
| Loss on Drying, 102 deg 16 hr, in meat | 950.46 | 001.08 | 1 | 9.13500 | 0.02121 | 0.03000 | 1 | 9.13500 | 0.02121 | 0.03000 |
| Loss on Drying, Misc ..... | | 001.99 | 19 | 9.24820 | 0.43743 | 0.16223 | 18 | 9.26005 | 0.43265 | 0.11957 |
| Method Group 001.XX PCT | | | 72 | 9.24158 | 0.44317 | 0.13178 | 67 | 9.25878 | 0.39976 | 0.09414 |
| Protein, Crude ..... | 954.01 | 002.00 | 6 | 12.8883 | 0.56637 | 0.36333 | 6 | 12.8883 | 0.56637 | 0.36333 |
| Protein, Auto Kjel-Foss ..... | 976.05 | 002.01 | 11 | 12.7710 | 0.45064 | 0.17651 | 11 | 12.7710 | 0.45064 | 0.17651 |
| Protein, Semiauto Autoanalyzer ..... | 976.06 | 002.02 | 8 | 12.5283 | 0.32151 | 0.17038 | 7 | 12.5252 | 0.31676 | 0.09471 |
| Protein, Hach Method ..... | | 002.03 | 1 | 12.7650 | 0.04950 | 0.07000 | 1 | 12.7650 | 0.04950 | 0.07000 |
| Protein, Copper Cat ..... | 984.13 | 002.04 | 6 | 12.3817 | 0.55816 | 0.21000 | 6 | 12.3817 | 0.55816 | 0.21000 |
| Protein, Copper, Boric Acid ..... | | 002.05 | 15 | 12.7617 | 0.47749 | 0.16400 | 14 | 12.6954 | 0.40577 | 0.11857 |
| Protein, Combustion Nitrogen Analyzer | 990.03 | 002.06 | 127 | 12.8693 | 0.67387 | 0.27250 | 122 | 12.8817 | 0.64051 | 0.23445 |
| Protein, Cu/Ti ..... | 988.05 | 002.08 | 6 | 12.6726 | 0.71385 | 0.16102 | 5 | 12.6261 | 0.76435 | 0.06122 |
| Protein, Block dig/distillation ..... | | 002.10 | 13 | 12.8993 | 0.57980 | 0.23292 | 12 | 12.9047 | 0.57441 | 0.14650 |
| Protein, NIR ..... | | 002.11 | 12 | 13.3029 | 0.90548 | 0.24250 | 11 | 13.4668 | 0.73826 | 0.19182 |
| Protein, Misc ..... | | 002.99 | 4 | 13.2688 | 0.38028 | 0.20750 | 4 | 13.2688 | 0.38028 | 0.20750 |
| Method Group 002.XX PCT | | | 209 | 12.8581 | 0.65642 | 0.24697 | 199 | 12.8695 | 0.62957 | 0.20795 |
| Fat, Eth Ext, Direct ..... | 920.39 | 003.00 | 24 | 2.70048 | 0.24755 | 0.08170 | 22 | 2.72188 | 0.23346 | 0.05913 |
| Fat, Ind Eth Ext (13th ed), Indirect .. | 920.39 | 003.01 | 1 | 2.47000 | 0.65054 | 0.92000 | 1 | 2.47000 | 0.65054 | 0.92000 |
| Fat, Pet Ether ..... | | 003.06 | 25 | 2.46020 | 0.26415 | 0.07720 | 24 | 2.46146 | 0.26734 | 0.06625 |
| Fat, Soxtec, Eth Ext ..... | | 003.09 | 28 | 2.67122 | 0.21796 | 0.08073 | 28 | 2.67122 | 0.21796 | 0.08073 |
| Fat, Soxtec, Pet Ether ..... | | 003.10 | 25 | 2.46261 | 0.25290 | 0.09238 | 23 | 2.42371 | 0.19862 | 0.07259 |
| Fat, NIR ..... | | 003.11 | 12 | 2.30875 | 0.37571 | 0.09917 | 12 | 2.30875 | 0.37571 | 0.09917 |
| Fat, Hexane Ext. ..... | | 003.12 | 4 | 2.68625 | 0.08450 | 0.03750 | 4 | 2.68625 | 0.08450 | 0.03750 |
| Fat, Soxtec, Hexane Ext. ..... | | 003.13 | 5 | 2.46140 | 0.38572 | 0.23480 | 5 | 2.46140 | 0.38572 | 0.23480 |
| Fat, Ankom ..... | | 003.14 | 20 | 2.39030 | 0.30053 | 0.12937 | 19 | 2.37584 | 0.29562 | 0.10934 |
| Fat, Misc ..... | | 003.99 | 13 | 2.59585 | 0.28800 | 0.20477 | 12 | 2.64217 | 0.22955 | 0.17017 |
| Method Group 003.XX PCT | | | 157 | 2.53156 | 0.29909 | 0.10920 | 150 | 2.53047 | 0.29322 | 0.09583 |
| Fiber, Crude Asbestos Free ..... | 962.09 | 004.00 | 31 | 23.9702 | 1.58543 | 0.43900 | 29 | 23.8682 | 1.46351 | 0.24769 |
| Fiber, Sing Filt ..... | | 004.01 | 1 | 25.1850 | 0.38891 | 0.55000 | 1 | 25.1850 | 0.38891 | 0.55000 |
| Fiber, Fritted Glass ..... | 978.10 | 004.03 | 2 | 23.9500 | 0.36968 | 0.40000 | 2 | 23.9500 | 0.36968 | 0.40000 |
| Fiber, Fibertec ..... | | 004.06 | 35 | 24.2684 | 1.36795 | 0.39779 | 34 | 24.1734 | 1.26160 | 0.36832 |
| Fiber, ANKOM ..... | | 004.07 | 41 | 23.7650 | 0.92329 | 0.44550 | 40 | 23.7779 | 0.92134 | 0.41414 |

| Method | AOAC 18th | Method Code | - Pass 1 Results for 212 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | - Pass 2 Results for 211 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| Fiber, NIR | | 004.11 | 11 | 22.2841 | 1.30608 | 0.29545 | 11 | 21.8750 | 1.54388 | 0.20455 |
| Fiber, Misc | | 004.99 | 7 | 24.1250 | 2.06038 | 0.78429 | 7 | 24.1250 | 2.06038 | 0.78429 |
| Method Group 004.XX PCT | | | 128 | 23.8588 | 1.42169 | 0.43662 | 123 | 23.8112 | 1.35854 | 0.36717 |
| Ash, | 942.05 | 005.00 | 134 | 7.62785 | 0.20911 | 0.10031 | 127 | 7.62845 | 0.20102 | 0.08432 |
| Ash, Sugars & Syrups | 900.02 | 005.01 | 1 | 7.52500 | 0.26163 | 0.37000 | 1 | 7.52500 | 0.26163 | 0.37000 |
| Ash, LECO | | 005.02 | 1 | 7.82500 | 0.03536 | 0.05000 | 1 | 7.82500 | 0.03536 | 0.05000 |
| Ash, NIR | | 005.11 | 5 | 7.99500 | 0.30624 | 0.07800 | 5 | 7.99500 | 0.30624 | 0.07800 |
| Ash, Misc | | 005.99 | 13 | 7.89138 | 0.20848 | 0.14923 | 13 | 7.89138 | 0.20848 | 0.14923 |
| Method Group 005.XX PCT | | | 154 | 7.66263 | 0.23222 | 0.10514 | 147 | 7.66481 | 0.22683 | 0.09156 |
| Fiber, Acid Detergent | 973.18 | 008.02 | 15 | 32.3457 | 1.35831 | 0.33133 | 14 | 32.3296 | 1.37103 | 0.19071 |
| Fiber, Acid Detergent-Hach | | 008.05 | 1 | 33.2500 | 0.77782 | 1.10000 | 1 | 33.2500 | 0.77782 | 1.10000 |
| Fiber, Acid Detergent by ANKOM | | 008.08 | 23 | 32.0653 | 1.14401 | 0.42913 | 21 | 32.1220 | 1.12725 | 0.25953 |
| Fiber, Acid Detergent Misc | | 008.99 | 4 | 30.8688 | 0.99669 | 0.56750 | 4 | 30.8688 | 0.99669 | 0.56750 |
| Method Group 008.XX PCT | | | 43 | 32.0793 | 1.26751 | 0.42349 | 40 | 32.0975 | 1.26630 | 0.28725 |
| Fiber, Neutral Det-No ENZ Pretreat | | 009.04 | 1 | 47.0200 | 3.81838 | 5.40000 | 1 | 47.0200 | 3.81838 | 5.40000 |
| Fiber, Neutral Det-ENZ Pretreat | | 009.07 | 13 | 45.5388 | 1.88586 | 0.67923 | 13 | 45.5388 | 1.88586 | 0.67923 |
| Fiber, Neutral Detergent by ANKOM | | 009.09 | 19 | 45.6900 | 1.02457 | 0.69217 | 18 | 45.7358 | 0.99556 | 0.60118 |
| Fiber, Neutral Det Misc | | 009.99 | 4 | 46.0687 | 1.61740 | 0.87250 | 3 | 46.5750 | 1.21293 | 0.13000 |
| Method Group 009.XX PCT | | | 37 | 45.7138 | 1.50743 | 0.83436 | 35 | 45.7713 | 1.49386 | 0.72689 |
| Moisture, Karl-Fischer | 966.20 | 010.03 | 1 | 9.25000 | 0.33941 | 0.48000 | 1 | 9.25000 | 0.33941 | 0.48000 |
| Moisture, NIR | | 010.11 | 10 | 8.92775 | 0.17702 | 0.09130 | 10 | 8.92775 | 0.17702 | 0.09130 |
| Moisture, Misc | | 010.99 | 14 | 8.97539 | 0.43003 | 0.12673 | 14 | 8.97539 | 0.43003 | 0.12673 |
| Method Group 010.XX PCT | | | 25 | 8.96732 | 0.34690 | 0.12669 | 25 | 8.96732 | 0.34690 | 0.12669 |
| Loss on Drying, 135 deg 2 hr | 930.15 | 011.01 | 75 | 10.3312 | 0.35937 | 0.14432 | 70 | 10.3228 | 0.34376 | 0.10515 |
| Loss on Drying, High Temp Methods, Misc | | 011.99 | 1 | 11.0100 | 0.29698 | 0.42000 | 1 | 11.0100 | 0.29698 | 0.42000 |
| Method Group 011.XX PCT | | | 76 | 10.3401 | 0.36612 | 0.14795 | 71 | 10.3325 | 0.35174 | 0.10959 |
| Starch, Polarimetric (Ewers) | | 012.00 | 7 | 13.6971 | 0.86474 | 0.46286 | 7 | 13.6971 | 0.86474 | 0.46286 |
| Starch, Megazyme | | 012.01 | 2 | 13.6600 | 0.63251 | 0.97000 | 2 | 13.6600 | 0.63251 | 0.97000 |
| Starch, Enzymatic | | 012.03 | 2 | 13.1825 | 0.58243 | 0.41500 | 2 | 13.1825 | 0.58243 | 0.41500 |
| Starch, YSI Analyzer | | 012.04 | 5 | 14.3680 | 1.76174 | 0.62400 | 4 | 13.7600 | 1.18122 | 0.13000 |
| Starch, NIR | | 012.11 | 4 | 13.7325 | 1.99160 | 0.65500 | 4 | 13.7325 | 1.99160 | 0.65500 |
| Method Group 012.XX PCT | | | 20 | 13.8168 | 1.36477 | 0.58750 | 19 | 13.6597 | 1.16856 | 0.48158 |
| Fat, Mojonnier, Bak Ext | 954.02 | 013.02 | 27 | 3.37111 | 0.42197 | 0.13556 | 27 | 3.37111 | 0.42197 | 0.13556 |
| Fat, Roese-Gottlieb Modified | | 013.08 | 1 | 4.44500 | 0.13435 | 0.19000 | 1 | 4.44500 | 0.13435 | 0.19000 |
| Fat, Soxtec-Acid Hydrolysis | | 013.10 | 13 | 3.00654 | 0.50854 | 0.15154 | 13 | 3.00654 | 0.50854 | 0.15154 |
| Fat, Super Critical Fluid Extraction | | 013.11 | 1 | 2.25000 | 0.07071 | 0.10000 | 1 | 2.25000 | 0.07071 | 0.10000 |
| Fat, NIR-Acid Hydrolysis | | 013.12 | 2 | 2.82750 | 0.15392 | 0.10500 | 2 | 2.82750 | 0.15392 | 0.10500 |
| Fat, Ankon-Acid Hydrolysis | | 013.13 | 2 | 4.09500 | 0.71729 | 0.85000 | 2 | 4.09500 | 0.71729 | 0.85000 |
| Fat, Pretreat or extended ext, misc | | 013.99 | 3 | 3.94333 | 0.37163 | 0.28000 | 3 | 3.94333 | 0.37163 | 0.28000 |

| Method | AOAC 18th | Method Code | - Pass 1 Results for 212 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | - Pass 2 Results for 211 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| Method Group 013.XX PCT | | | 49 | 3.31582 | 0.56941 | 0.17694 | 49 | 3.31582 | 0.56941 | 0.17694 |
| Aluminum, ICP | | 015.00 | 10 | 54.0557 | 7.90011 | 2.78060 | 10 | 54.0557 | 7.90011 | 2.78060 |
| Method Group 015.XX PPM | | | 10 | 54.0557 | 7.90011 | 2.78060 | 10 | 54.0557 | 7.90011 | 2.78060 |
| Arsenic, AA, Hydride | | 016.00 | 1 | 0.04100 | 0.00566 | 0.00800 | 1 | 0.04100 | 0.00566 | 0.00800 |
| Boron, ICP | | 017.00 | 6 | 9.26167 | 0.69556 | 0.21667 | 6 | 9.26167 | 0.69556 | 0.21667 |
| Boron, Misc | | 017.99 | 1 | 9.85000 | 0.49497 | 0.70000 | 1 | 9.85000 | 0.49497 | 0.70000 |
| Method Group 017.XX PPM | | | 7 | 9.34571 | 0.68837 | 0.28571 | 7 | 9.34571 | 0.68837 | 0.28571 |
| Cadmium, ICP | | 018.02 | 3 | 0.08408 | 0.01327 | 0.00517 | 3 | 0.08408 | 0.01327 | 0.00517 |
| Method Group 018.XX PPM | | | 3 | 0.08408 | 0.01327 | 0.00517 | 3 | 0.08408 | 0.01327 | 0.00517 |
| Calcium, Ox-Mn04 Vol | 927.02 | 019.00 | 9 | 0.85644 | 0.06604 | 0.00688 | 8 | 0.84099 | 0.05098 | 0.00274 |
| Calcium, At Abs Spect | 968.08 | 019.01 | 49 | 0.81808 | 0.06066 | 0.02424 | 48 | 0.81710 | 0.05933 | 0.02079 |
| Calcium, Semiauto (Autoanalyzer) | | 019.03 | 5 | 0.83750 | 0.02465 | 0.03180 | 5 | 0.83750 | 0.02465 | 0.03180 |
| Calcium, ICP, Dry Ash | | 019.05 | 40 | 0.80057 | 0.05687 | 0.02866 | 39 | 0.80123 | 0.05616 | 0.02555 |
| Calcium, EDTA | | 019.08 | 6 | 0.82833 | 0.04086 | 0.02667 | 5 | 0.82700 | 0.03974 | 0.01400 |
| Calcium, ICP, Wet Ash | | 019.09 | 29 | 0.81286 | 0.06519 | 0.03477 | 28 | 0.81671 | 0.06167 | 0.03122 |
| Calcium, Misc | | 019.99 | 6 | 0.81325 | 0.08360 | 0.02550 | 6 | 0.81325 | 0.08360 | 0.02550 |
| Method Group 019.XX PCT | | | 144 | 0.81546 | 0.06150 | 0.02692 | 139 | 0.81487 | 0.05871 | 0.02354 |
| Chromium, AA | | 020.00 | 2 | 6.61243 | 2.35227 | 0.93725 | 2 | 6.61243 | 2.35227 | 0.93725 |
| Chromium, ICP | | 020.01 | 8 | 7.89659 | 2.98892 | 0.72369 | 8 | 7.89659 | 2.98892 | 0.72369 |
| Chromium, Misc | | 020.99 | 2 | 6.30500 | 3.52909 | 0.77000 | 2 | 6.30500 | 3.52909 | 0.77000 |
| Method Group 020.XX PPM | | | 12 | 7.41730 | 2.94281 | 0.76700 | 12 | 7.41730 | 2.94281 | 0.76700 |
| Cobalt, AA | 968.08 | 021.01 | 4 | 1.90481 | 0.30986 | 0.07997 | 4 | 1.90481 | 0.30986 | 0.07997 |
| Cobalt, ICP | | 021.02 | 12 | 1.60185 | 0.27262 | 0.14121 | 12 | 1.60185 | 0.27262 | 0.14121 |
| Cobalt, Misc. | | 021.99 | 1 | 1.70000 | 0.14142 | 0.20000 | 1 | 1.70000 | 0.14142 | 0.20000 |
| Method Group 021.XX PPM | | | 17 | 1.67891 | 0.29915 | 0.13026 | 17 | 1.67891 | 0.29915 | 0.13026 |
| Copper, AA | 968.08 | 022.01 | 30 | 21.1088 | 4.18498 | 1.18364 | 27 | 21.3777 | 4.22125 | 0.80960 |
| Copper, ICP, Dry Ash | 968.08 | 022.03 | 32 | 19.1628 | 4.86420 | 1.86469 | 31 | 19.1420 | 4.90661 | 1.71484 |
| Copper, ICP, Wet Ash | 968.08 | 022.05 | 31 | 27.1667 | 4.84124 | 2.10697 | 29 | 27.0671 | 4.48260 | 1.68124 |
| Copper, Misc | | 022.99 | 5 | 20.7412 | 2.66679 | 0.98160 | 5 | 20.7412 | 2.66679 | 0.98160 |
| Method Group 022.XX PPM | | | 98 | 22.3709 | 5.64980 | 1.68779 | 92 | 22.3832 | 5.54548 | 1.39873 |
| Fluorine, Ion Sel Elect | 975.08 | 023.01 | 1 | 0.00100 | 0.00000 | 0.00000 | 1 | 0.00100 | 0.00000 | 0.00000 |
| Iron, AA | 968.08 | 025.01 | 22 | 218.756 | 34.9528 | 7.72476 | 21 | 217.184 | 34.4771 | 5.47381 |
| Iron, ICP, Dry Ash | 968.08 | 025.03 | 30 | 211.755 | 25.1363 | 12.7449 | 28 | 209.523 | 23.0589 | 9.36957 |
| Iron, ICP, Wet Ash | 968.08 | 025.05 | 21 | 204.906 | 31.3122 | 13.6267 | 20 | 206.529 | 30.5370 | 11.4630 |
| Iron, Misc | | 025.99 | 1 | 219.500 | 14.8492 | 21.0000 | 1 | 219.500 | 14.8492 | 21.0000 |
| Method Group 025.XX PPM | | | 74 | 211.997 | 30.2449 | 11.6142 | 70 | 211.108 | 29.0421 | 8.96511 |
| Lead, | | 026.00 | 1 | 0.07000 | 0.00000 | 0.00000 | 1 | 0.07000 | 0.00000 | 0.00000 |
| Lead, Misc | | 026.99 | 1 | 0.79100 | 0.06930 | 0.09800 | 1 | 0.79100 | 0.06930 | 0.09800 |
| Method Group 026.XX PPM | | | 2 | 0.43050 | 0.41819 | 0.04900 | 2 | 0.43050 | 0.41819 | 0.04900 |

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|---|---|---|---|---|---|---|---|---|---|---|
| Magnesium, AA | 968.08 | 027.01 | 32 | 0.24954 | 0.01334 | 0.00713 | 31 | 0.24952 | 0.01306 | 0.00607 |
| Magnesium, ICP, Dry Ash | 968.08 | 027.03 | 34 | 0.24669 | 0.01471 | 0.00717 | 35 | 0.24793 | 0.01622 | 0.00697 |
| Magnesium, ICP, Wet Ash | 968.08 | 027.05 | 27 | 0.25150 | 0.01662 | 0.00896 | 27 | 0.25150 | 0.01662 | 0.00896 |
| Magnesium, Misc. | | 027.99 | 3 | 0.25783 | 0.01181 | 0.00967 | 3 | 0.25783 | 0.01181 | 0.00967 |
| Method Group 027.XX PCT | | | 96 | 0.24934 | 0.01487 | 0.00774 | 95 | 0.24933 | 0.01480 | 0.00740 |
| Manganese, AA | 968.08 | 028.01 | 25 | 90.3032 | 10.0807 | 3.37120 | 23 | 89.8513 | 9.84884 | 2.01217 |
| Manganese, Em Spect | | 028.02 | 1 | 89.5500 | 5.44472 | 7.70000 | 1 | 89.5500 | 5.44472 | 7.70000 |
| Manganese, ICP, Dry Ash | 968.08 | 028.03 | 34 | 90.3971 | 10.2399 | 3.50894 | 33 | 90.0152 | 9.96609 | 2.94861 |
| Manganese, ICP, Wet Ash | 968.08 | 028.05 | 30 | 105.236 | 11.1059 | 3.74740 | 29 | 105.435 | 11.1780 | 3.42490 |
| Manganese, Misc. | | 028.99 | 4 | 92.0830 | 10.2572 | 1.42800 | 4 | 92.0830 | 10.2572 | 1.42800 |
| Method Group 028.XX PPM | | | 94 | 95.1706 | 12.4531 | 3.50445 | 90 | 95.0287 | 12.5096 | 2.84798 |
| Mercury, | | 029.00 | 1 | 0.03250 | 0.00495 | 0.00700 | 1 | 0.03250 | 0.00495 | 0.00700 |
| Mercury, Misc | | 029.99 | 1 | 0.00600 | 0.00141 | 0.00200 | 1 | 0.00600 | 0.00141 | 0.00200 |
| Method Group 029.XX PPM | | | 2 | 0.01925 | 0.01559 | 0.00450 | 2 | 0.01925 | 0.01559 | 0.00450 |
| Phosphorus, Photometric | 965.17 | 031.01 | 52 | 0.43953 | 0.02274 | 0.01511 | 49 | 0.43950 | 0.02027 | 0.01113 |
| Phosphorus, GQMP (2.028) | 964.06 | 031.02 | 3 | 0.43405 | 0.01021 | 0.01197 | 3 | 0.43405 | 0.01021 | 0.01197 |
| Phosphorus, Autoanalyzer | | 031.03 | 5 | 0.43170 | 0.01047 | 0.00820 | 5 | 0.43170 | 0.01047 | 0.00820 |
| Phosphorus, ICP | | 031.05 | 67 | 0.43697 | 0.02498 | 0.01512 | 65 | 0.43685 | 0.02435 | 0.01334 |
| Phosphorus, Hach Method | | 031.06 | 2 | 0.41500 | 0.03697 | 0.02000 | 2 | 0.41500 | 0.03697 | 0.02000 |
| Phosphorus, Misc | | 031.99 | 9 | 0.43294 | 0.02557 | 0.01411 | 8 | 0.43519 | 0.02468 | 0.00963 |
| Method Group 031.XX PCT | | | 138 | 0.43710 | 0.02383 | 0.01480 | 132 | 0.43714 | 0.02257 | 0.01217 |
| Potassium, AA | 975.03 | 032.01 | 28 | 1.03564 | 0.07714 | 0.01507 | 27 | 1.03567 | 0.07843 | 0.01377 |
| Potassium, Flame Emission | 956.01 | 032.02 | 9 | 1.07811 | 0.07798 | 0.01733 | 8 | 1.08038 | 0.08199 | 0.01200 |
| Potassium, Em Spect | 953.01 | 032.04 | 1 | 1.08000 | 0.00000 | 0.00000 | 1 | 1.08000 | 0.00000 | 0.00000 |
| Potassium, ICP | | 032.05 | 65 | 1.05426 | 0.07705 | 0.02492 | 63 | 1.05297 | 0.07688 | 0.02222 |
| Potassium, Misc | | 032.99 | 3 | 1.05850 | 0.10092 | 0.05833 | 3 | 1.05850 | 0.10092 | 0.05833 |
| Method Group 032.XX PCT | | | 106 | 1.05173 | 0.07780 | 0.02238 | 102 | 1.05097 | 0.07833 | 0.02003 |
| Salt, Sol Cl | 943.01 | 033.00 | 26 | 0.78355 | 0.06053 | 0.01943 | 25 | 0.78069 | 0.05956 | 0.01741 |
| Salt, Poten Cl | 969.10 | 033.01 | 31 | 0.81278 | 0.03325 | 0.01595 | 29 | 0.81591 | 0.03049 | 0.01188 |
| Salt, Quantab | | 033.03 | 5 | 0.74300 | 0.07732 | 0.02200 | 5 | 0.74300 | 0.07732 | 0.02200 |
| Salt, Ion Sel Electrode | | 033.05 | 1 | 0.80000 | 0.01414 | 0.02000 | 1 | 0.80000 | 0.01414 | 0.02000 |
| Salt, Misc | | 033.99 | 9 | 0.80950 | 0.11455 | 0.02811 | 10 | 0.78120 | 0.13903 | 0.02580 |
| Method Group 033.XX PCT | | | 72 | 0.79679 | 0.06414 | 0.01921 | 69 | 0.79680 | 0.06450 | 0.01685 |
| Selenium, Fluor | 969.06 | 034.01 | 2 | 0.43750 | 0.01258 | 0.01500 | 2 | 0.43750 | 0.01258 | 0.01500 |
| Selenium, AA, Hydride | | 034.04 | 6 | 0.36533 | 0.10027 | 0.03067 | 6 | 0.36533 | 0.10027 | 0.03067 |
| Selenium, ICP | | 034.05 | 3 | 0.43867 | 0.12205 | 0.05800 | 3 | 0.43867 | 0.12205 | 0.05800 |
| Selenium, Misc | | 034.99 | 4 | 0.43778 | 0.04688 | 0.01365 | 4 | 0.43778 | 0.04688 | 0.01365 |
| Method Group 034.XX PPM | | | 15 | 0.40894 | 0.09078 | 0.02951 | 15 | 0.40894 | 0.09078 | 0.02951 |
| Sodium, AA | | 035.00 | 26 | 0.25969 | 0.02562 | 0.01037 | 26 | 0.25969 | 0.02562 | 0.01037 |

| Method | AOAC 18th | Method Code | No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | - Pass 1 Results for 212 Labs - | | | | - Pass 2 Results for 211 Labs - | | | |
| Sodium, Ion Sel Electrode ..... | | 035.01 | 2 | 0.28255 | 0.00506 | 0.00620 | 2 | 0.28255 | 0.00506 | 0.00620 |
| Sodium, Em Spect ..... | 953.01 | 035.02 | 1 | 0.25500 | 0.00707 | 0.01000 | 1 | 0.25500 | 0.00707 | 0.01000 |
| Sodium, ICP ..... | | 035.03 | 56 | 0.25607 | 0.02208 | 0.01038 | 55 | 0.25609 | 0.02202 | 0.00966 |
| Sodium, Flame Emission ..... | 956.01 | 035.05 | 12 | 0.26092 | 0.02004 | 0.00783 | 12 | 0.26092 | 0.02004 | 0.00783 |
| Sodium, Misc ..... | | 035.99 | 2 | 0.27750 | 0.00957 | 0.00500 | 2 | 0.27750 | 0.00957 | 0.00500 |
| Method Group 035.XX PCT | | | 99 | 0.25856 | 0.02274 | 0.00987 | 98 | 0.25860 | 0.02272 | 0.00946 |
| Sulfur, (Gravimetric) ..... | | 036.00 | 1 | 0.24500 | 0.00707 | 0.01000 | 1 | 0.24500 | 0.00707 | 0.01000 |
| Sulfur, ICP ..... | | 036.03 | 22 | 0.24017 | 0.02910 | 0.01166 | 22 | 0.24017 | 0.02910 | 0.01166 |
| Sulfur, LECO ..... | | 036.04 | 1 | 0.24000 | 0.01414 | 0.02000 | 1 | 0.24000 | 0.01414 | 0.02000 |
| Method Group 036.XX PCT | | | 24 | 0.24036 | 0.02795 | 0.01194 | 24 | 0.24036 | 0.02795 | 0.01194 |
| Zinc, AA ..... | 968.08 | 037.01 | 30 | 92.7668 | 12.9634 | 3.44713 | 27 | 91.5964 | 11.9215 | 2.19311 |
| Zinc, ICP, Dry Ash ..... | 968.08 | 037.03 | 34 | 88.5125 | 16.0610 | 4.61024 | 32 | 88.0195 | 15.6924 | 3.67525 |
| Zinc, ICP, Wet Ash ..... | 968.08 | 037.05 | 29 | 105.262 | 13.3640 | 5.97759 | 25 | 104.060 | 11.1065 | 3.21440 |
| Zinc, Misc ..... | | 037.99 | 4 | 97.2875 | 14.2941 | 3.46000 | 4 | 97.2875 | 14.2941 | 3.46000 |
| Method Group 037.XX PPM | | | 97 | 95.1976 | 15.7886 | 4.61188 | 88 | 94.0952 | 14.7875 | 3.07979 |
| Molybdenum, ICP ..... | | 038.00 | 10 | 1.77925 | 0.66473 | 0.34250 | 9 | 1.73578 | 0.62445 | 0.19289 |
| Molybdenum, Misc ..... | | 038.99 | 1 | 2.00000 | 0.00000 | 0.00000 | 1 | 2.00000 | 0.00000 | 0.00000 |
| Method Group 038.XX PPM | | | 11 | 1.79932 | 0.63561 | 0.31136 | 10 | 1.76220 | 0.59624 | 0.17360 |
| Nickel, AA ..... | | 039.01 | 1 | 7.75000 | 0.07071 | 0.10000 | 1 | 7.75000 | 0.07071 | 0.10000 |
| Nickel, ICP ..... | | 039.02 | 5 | 10.0367 | 2.35864 | 0.75060 | 5 | 10.0367 | 2.35864 | 0.75060 |
| Method Group 039.XX PPM | | | 6 | 9.65558 | 2.31180 | 0.64217 | 6 | 9.65558 | 2.31180 | 0.64217 |
| Barium, ICP ..... | | 040.00 | 1 | 6.72500 | 0.17678 | 0.25000 | 1 | 6.72500 | 0.17678 | 0.25000 |
| Vanadium, ICP ..... | | 041.00 | 1 | 0.47600 | 0.01344 | 0.01900 | 1 | 0.47600 | 0.01344 | 0.01900 |
| Chlorotetracycline, Plate ..... | 967.39 | 051.00 | 8 | 56.5456 | 7.89855 | 1.72182 | 8 | 56.5456 | 7.89855 | 1.72182 |
| Chlorotetracycline, HPLC ..... | | 051.03 | 10 | 54.0725 | 9.62093 | 6.39100 | 9 | 55.7028 | 7.87982 | 4.74556 |
| Chlorotetracycline, Misc ..... | | 051.99 | 1 | 57.3500 | 1.48492 | 2.10000 | 1 | 57.3500 | 1.48492 | 2.10000 |
| Method Group 051.XX G/TON | | | 19 | 55.2863 | 8.63689 | 4.19919 | 18 | 56.1689 | 7.56409 | 3.25470 |
| Sulfamethazine, ..... | 969.57 | 082.00 | 3 | 0.00718 | 0.00140 | 0.00037 | 3 | 0.00718 | 0.00140 | 0.00037 |
| Sulfamethazine, HPLC ..... | | 082.01 | 5 | 0.00599 | 0.00119 | 0.00034 | 5 | 0.00599 | 0.00119 | 0.00034 |
| Sulfamethazine, HPLC-PCD ..... | 999.16 | 082.02 | 2 | 0.00668 | 0.00105 | 0.00039 | 2 | 0.00668 | 0.00105 | 0.00039 |
| Method Group 082.XX PCT | | | 10 | 0.00648 | 0.00129 | 0.00036 | 10 | 0.00648 | 0.00129 | 0.00036 |
| Thiamine, HPLC ..... | | 105.00 | 1 | 1.31500 | 0.02121 | 0.03000 | 1 | 1.31500 | 0.02121 | 0.03000 |
| Vitamin A, UV ..... | | 106.01 | 1 | 4.68650 | 0.19587 | 0.27700 | 1 | 4.68650 | 0.19587 | 0.27700 |
| Vitamin A, HPLC ..... | | 106.02 | 18 | 5.01131 | 1.99345 | 0.34586 | 16 | 5.01960 | 2.08829 | 0.23909 |
| Vitamin A, Misc ..... | | 106.99 | 1 | 5.85000 | 0.21213 | 0.30000 | 1 | 5.85000 | 0.21213 | 0.30000 |
| Method Group 106.XX KU/LB | | | 20 | 5.03700 | 1.89979 | 0.34012 | 18 | 5.04723 | 1.97735 | 0.24458 |
| Vitamin D3, HPLC ..... | | 108.02 | 2 | 2.14000 | 1.71026 | 0.25000 | 2 | 2.14000 | 1.71026 | 0.25000 |
| Method Group 108.XX KU/LB | | | 2 | 2.14000 | 1.71026 | 0.25000 | 2 | 2.14000 | 1.71026 | 0.25000 |
| Vitamin E, HPLC ..... | | 109.02 | 8 | 10.8719 | 4.22074 | 0.96375 | 7 | 9.69643 | 2.85539 | 0.58714 |

| Method | AOAC 18th | Method Code | - Pass 1 Results for 212 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | - Pass 2 Results for 211 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| Method Group 109.XX MG/KG | | | 8 | 10.8719 | 4.22074 | 0.96375 | 7 | 9.69643 | 2.85539 | 0.58714 |
| Alanine, Post-col Ninhydrin Der ..... | 994.12 | 120.00 | 12 | 0.52956 | 0.03847 | 0.02312 | 11 | 0.52952 | 0.03833 | 0.01795 |
| Alanine, Pre-col AQC Der ..... | | 120.05 | 2 | 0.56675 | 0.04636 | 0.02150 | 2 | 0.56675 | 0.04636 | 0.02150 |
| Method Group 120.XX PCT | | | 14 | 0.53487 | 0.04093 | 0.02289 | 13 | 0.53525 | 0.04098 | 0.01849 |
| Arginine, Post-col Ninhydrin Der ..... | 994.12 | 121.00 | 11 | 0.59408 | 0.04159 | 0.02880 | 10 | 0.59399 | 0.03991 | 0.02068 |
| Arginine, Pre-col AQC Der ..... | | 121.05 | 2 | 0.60700 | 0.04193 | 0.05300 | 2 | 0.60700 | 0.04193 | 0.05300 |
| Method Group 121.XX PCT | | | 13 | 0.59607 | 0.04107 | 0.03252 | 12 | 0.59616 | 0.03962 | 0.02607 |
| Aspartic, Post-col Ninhydrin Der ..... | 994.12 | 122.00 | 11 | 0.81207 | 0.05441 | 0.02975 | 10 | 0.81378 | 0.05144 | 0.01772 |
| Aspartic, Pre-col AQC Der ..... | | 122.05 | 1 | 0.79150 | 0.06152 | 0.08700 | 1 | 0.79150 | 0.06152 | 0.08700 |
| Method Group 122.XX PCT | | | 12 | 0.81036 | 0.05387 | 0.03452 | 11 | 0.81175 | 0.05116 | 0.02402 |
| Cysteine/Cystine, PAO Post-col Ninhydri | 994.12 | 124.00 | 10 | 0.17781 | 0.01743 | 0.00818 | 9 | 0.17868 | 0.01686 | 0.00464 |
| Cysteine/Cystine, PAO Post-col OPA Der | | 124.02 | 2 | 0.16625 | 0.00624 | 0.00550 | 2 | 0.16625 | 0.00624 | 0.00550 |
| Cysteine/Cystine, PAO Pre-col AQC Der . | | 124.05 | 1 | 0.18500 | 0.00707 | 0.01000 | 1 | 0.18500 | 0.00707 | 0.01000 |
| Method Group 124.XX PCT | | | 13 | 0.17658 | 0.01617 | 0.00791 | 12 | 0.17713 | 0.01566 | 0.00523 |
| Glutamic, Post-col Ninhydrin Der ..... | 994.12 | 125.00 | 12 | 1.51354 | 0.09764 | 0.06677 | 11 | 1.52250 | 0.08619 | 0.04648 |
| Glutamic, Pre-col AQC Der ..... | | 125.05 | 2 | 1.61375 | 0.10792 | 0.12850 | 2 | 1.61375 | 0.10792 | 0.12850 |
| Method Group 125.XX PCT | | | 14 | 1.52785 | 0.10339 | 0.07559 | 13 | 1.53653 | 0.09363 | 0.05910 |
| Glycine, Post-col Ninhydrin Der ..... | 994.12 | 126.00 | 12 | 0.46866 | 0.02814 | 0.02155 | 12 | 0.46866 | 0.02814 | 0.02155 |
| Glycine, Pre-col AQC Der ..... | | 126.05 | 2 | 0.49875 | 0.04516 | 0.06750 | 2 | 0.49875 | 0.04516 | 0.06750 |
| Method Group 126.XX PCT | | | 14 | 0.47296 | 0.03188 | 0.02811 | 14 | 0.47296 | 0.03188 | 0.02811 |
| Histidine, Post-col Ninhydrin Der ..... | 994.12 | 127.00 | 12 | 0.25477 | 0.01557 | 0.01155 | 11 | 0.25611 | 0.01431 | 0.00896 |
| Histidine, Pre-col AQC Der ..... | | 127.05 | 2 | 0.24475 | 0.01565 | 0.01650 | 2 | 0.24475 | 0.01565 | 0.01650 |
| Method Group 127.XX PCT | | | 14 | 0.25334 | 0.01570 | 0.01226 | 13 | 0.25436 | 0.01479 | 0.01012 |
| Isoleucine, Post-col Ninhydrin Der .... | 994.12 | 128.00 | 11 | 0.32423 | 0.01792 | 0.01627 | 10 | 0.32465 | 0.01606 | 0.01190 |
| Isoleucine, Pre-col AQC Der ..... | | 128.05 | 2 | 0.33500 | 0.03010 | 0.01300 | 2 | 0.33500 | 0.03010 | 0.01300 |
| Method Group 128.XX PCT | | | 13 | 0.32588 | 0.01985 | 0.01577 | 12 | 0.32638 | 0.01862 | 0.01208 |
| Leucine, Post-col Ninhydrin Der ..... | 994.12 | 129.00 | 12 | 0.69038 | 0.03542 | 0.02175 | 11 | 0.69042 | 0.03211 | 0.01282 |
| Leucine, Pre-col AQC Der ..... | | 129.05 | 2 | 0.69750 | 0.02959 | 0.04900 | 2 | 0.69750 | 0.02959 | 0.04900 |
| Method Group 129.XX PCT | | | 14 | 0.69140 | 0.03424 | 0.02564 | 13 | 0.69151 | 0.03127 | 0.01838 |
| L-Lysine, Post-col Ninhydrin Der ..... | 994.12 | 130.00 | 12 | 0.42765 | 0.03550 | 0.01346 | 11 | 0.42607 | 0.03510 | 0.00832 |
| L-Lysine, Pre-col AQC Der ..... | | 130.05 | 3 | 0.44367 | 0.03678 | 0.01267 | 3 | 0.44367 | 0.03678 | 0.01267 |
| Method Group 130.XX PCT | | | 15 | 0.43085 | 0.03571 | 0.01330 | 14 | 0.42984 | 0.03554 | 0.00925 |
| Methionine, PAO Post-col Ninhydrin Der | 994.12 | 131.00 | 10 | 0.14308 | 0.01707 | 0.00899 | 9 | 0.14397 | 0.01705 | 0.00666 |
| Methionine, PAO Post-col OPA Der ..... | | 131.02 | 2 | 0.14900 | 0.00825 | 0.01000 | 2 | 0.14900 | 0.00825 | 0.01000 |
| Methionine, PAO Pre-col AQC Der ..... | | 131.05 | 2 | 0.15425 | 0.01511 | 0.01750 | 2 | 0.15425 | 0.01511 | 0.01750 |
| Method Group 131.XX PCT | | | 14 | 0.14552 | 0.01599 | 0.01035 | 13 | 0.14633 | 0.01576 | 0.00884 |
| Phenylalanine, Post-col Ninhydrin Der . | 994.12 | 132.00 | 12 | 0.42387 | 0.04219 | 0.01723 | 11 | 0.42650 | 0.04179 | 0.01243 |
| Phenylalanine, Pre-col AQC Der ..... | | 132.05 | 2 | 0.39050 | 0.03288 | 0.04900 | 2 | 0.39050 | 0.03288 | 0.04900 |
| Method Group 132.XX PCT | | | 14 | 0.41910 | 0.04216 | 0.02176 | 13 | 0.42096 | 0.04210 | 0.01805 |

| Method | AOAC 18th | Method Code | - Pass 1 Results for 212 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups | - Pass 2 Results for 211 Labs - No. of Labs | Grand Avg. | Std. Dev. | Average Range of Dups |
|---|---|---|---|---|---|---|---|---|---|---|
| Proline, Post-col Ninhydrin Der ..... | 994.12 | 133.00 | 10 | 0.59361 | 0.03032 | 0.02778 | 9 | 0.59290 | 0.02699 | 0.01976 |
| Proline, Pre-col AQC Der ..... | | 133.05 | 2 | 0.58700 | 0.02301 | 0.03600 | 2 | 0.58700 | 0.02301 | 0.03600 |
| Method Group 133.XX PCT | | | 12 | 0.59251 | 0.02890 | 0.02915 | 11 | 0.59183 | 0.02590 | 0.02271 |
| Serine, Post-col Ninhydrin Der ..... | 994.12 | 134.00 | 11 | 0.43574 | 0.02563 | 0.01425 | 11 | 0.43574 | 0.02563 | 0.01425 |
| Serine, Pre-col AQC Der ..... | | 134.05 | 2 | 0.46700 | 0.02821 | 0.04600 | 2 | 0.46700 | 0.02821 | 0.04600 |
| Method Group 134.XX PCT | | | 13 | 0.44055 | 0.02792 | 0.01914 | 13 | 0.44055 | 0.02792 | 0.01914 |
| Threonine, Post-col Ninhydrin Der ..... | 994.12 | 135.00 | 12 | 0.38610 | 0.02600 | 0.01468 | 11 | 0.38756 | 0.02505 | 0.01055 |
| Threonine, Pre-col AQC Der ..... | | 135.05 | 3 | 0.37533 | 0.01551 | 0.01267 | 3 | 0.37533 | 0.01551 | 0.01267 |
| Method Group 135.XX PCT | | | 15 | 0.38394 | 0.02443 | 0.01427 | 14 | 0.38494 | 0.02364 | 0.01101 |
| Tryptophan, Alka-Hydrol Post-col Ninhyd | 988.15 | 136.00 | 1 | 0.10350 | 0.00212 | 0.00300 | 1 | 0.10350 | 0.00212 | 0.00300 |
| Tryptophan, Alka-Hydrol Rev Phase LC UV | | 136.01 | 5 | 0.11587 | 0.01244 | 0.00178 | 5 | 0.11587 | 0.01244 | 0.00178 |
| Tryptophan, Alka Hydrol+IS Rev Phase LC | | 136.03 | 1 | 0.12700 | 0.00141 | 0.00200 | 1 | 0.12700 | 0.00141 | 0.00200 |
| Method Group 136.XX PCT | | | 7 | 0.11569 | 0.01226 | 0.00199 | 7 | 0.11569 | 0.01226 | 0.00199 |
| Tyrosine, Post-col Ninhydrin Der ..... | 994.12 | 137.00 | 7 | 0.29811 | 0.05118 | 0.01734 | 7 | 0.29811 | 0.05118 | 0.01734 |
| Tyrosine, Pre-col AQC Der ..... | | 137.05 | 1 | 0.21000 | 0.02828 | 0.04000 | 1 | 0.21000 | 0.02828 | 0.04000 |
| Method Group 137.XX PCT | | | 8 | 0.28710 | 0.05682 | 0.02018 | 8 | 0.28710 | 0.05682 | 0.02018 |
| Valine, Post-col Ninhydrin Der ..... | 994.12 | 138.00 | 12 | 0.45054 | 0.03108 | 0.02507 | 12 | 0.45054 | 0.03108 | 0.02507 |
| Valine, Pre-col AQC Der ..... | | 138.05 | 2 | 0.45000 | 0.03651 | 0.02000 | 2 | 0.45000 | 0.03651 | 0.02000 |
| Method Group 138.XX PCT | | | 14 | 0.45046 | 0.03116 | 0.02434 | 14 | 0.45046 | 0.03116 | 0.02434 |
| Taurine, Post-col Ninhydrin Der ..... | 994.12 | 139.00 | 1 | 0.06000 | 0.00000 | 0.00000 | 1 | 0.06000 | 0.00000 | 0.00000 |

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 000.01 | -- |
| 505 | 2.1450 | .71 |
| -- | Method 000.03 | -- |
| 861 | 4.0150 | -.71 |
| -- | Method 000.99 | -- |
| 265 | 2.1000 | -.71 |
| -- | Method 001.00 | -- |
| 001 | 10.520 | 1.69 |
| 596 | 10.400 | 1.51 |
| 504 | 9.9550 R | 1.16 |
| 844 | 9.7050 | .52 |
| 169 | 9.6250 | .40 |
| 027 | 9.5150 | .25 |
| 785 | 9.4050 | .09 |
| Avg | 9.3464 | |
| 029 | 9.0000 | -.60 |
| 309 | 8.9250 | -.64 |
| 861 | 8.9000 | -.64 |
| 509 | 8.5200 | -1.19 |
| 560 | 8.2950 | -1.51 |
| -- | Method 001.03 | -- |
| 867 | 9.7500 | 1.93 |
| 686 | 9.4050 | .47 |
| Avg | 9.2958 | |
| 567 | 9.2000 | -.40 |
| 868 | 9.1700 | -.54 |
| 688 | 9.1500 | -.65 |
| 731 | 9.1000 | -.83 |
| 727 | 8.1305 R | -5.04 |
| -- | Method 001.05 | -- |
| 610 | 9.0750 | .71 |
| -- | Method 001.07 | -- |
| 609 | 10.400 s | 4.92 |
| 142 | 10.250 s | 4.20 |
| 307 | 9.6000 R | 1.94 |
| 045 | 9.7000 | 1.92 |
| 559 | 9.5450 | 1.33 |
| 550 | 9.5225 | 1.25 |
| 187 | 9.5050 | 1.13 |
| 199 | 9.4950 | 1.10 |
| 695 | 9.4300 | .82 |
| 089 | 9.3900 | .66 |
| 278 | 9.3700 | .64 |
| 049 | 9.3800 | .63 |
| 689 | 9.3000 | .50 |
| 413 | 9.3000 | .50 |
| 015 | 9.3300 | .41 |
| 581 | 9.3000 | .30 |
| 669 | 9.2750 | .29 |
| 098 | 9.3000 | .29 |
| 591 | 9.2600 | .28 |
| 843 | 9.2650 | .18 |
| 588 | 9.2500 | .10 |
| Avg | 9.2288 | |
| 074 | 9.1700 | -.24 |
| 171 | 9.1650 | -.28 |
| 035 | 9.1300 | -.41 |
| 693 | 9.1250 | -.43 |
| 083 | 9.1250 | -.43 |
| 065 | 9.0500 | -.73 |
| 571 | 8.9850 | -.99 |
| 297 | 8.9300 | -1.22 |
| 675 | 8.9200 | -1.27 |
| 178 | 8.9500 | -1.29 |
| 845 | 8.7800 | -1.86 |
| 353 | 8.6150 | -2.57 |
| 004 | 8.3350 A | -3.64 |
| 038 | 7.9650 s | -5.77 |
| 616 | 7.7100 s | -6.19 |
| 618 | 2.4900 s | -27.93 |
| -- | Method 001.08 | -- |
| 590 | 9.1350 | .71 |
| -- | Method 001.99 | -- |
| 505 | 9.9050 | 1.49 |
| 629 | 9.7500 | 1.14 |
| 096 | 9.6000 | .91 |
| 357 | 9.6500 | .91 |
| 729 | 9.5300 | .63 |
| 638 | 9.5000 | .55 |
| 631 | 9.3950 | .32 |
| 787 | 9.3835 | .30 |
| 630 | 9.3200 | .25 |
| 037 | 9.3200 | .21 |
| Avg | 9.2600 | |
| 665 | 9.2300 | -.08 |
| 619 | 9.2500 | -.12 |
| 656 | 9.2400 | -.19 |
| 720 | 9.1450 | -.27 |
| 676 | 9.1340 | -.29 |
| 541 | 9.0350 R | -1.19 |
| 405 | 8.5250 | -1.76 |
| 722 | 8.4583 | -1.85 |
| 853 | 8.3450 | -2.14 |
| 536 | 7.2050 s | -4.77 |
| -- | Method 002.00 | -- |
| 199 | 13.645 | 1.34 |
| 028 | 13.245 | .86 |
| 826 | 13.060 | .70 |
| Avg | 12.888 | |
| 869 | 12.790 | -.19 |
| 015 | 12.320 | -1.01 |
| 845 | 12.270 | -1.19 |
| -- | Method 002.01 | -- |
| 652 | 13.550 | 1.82 |
| 848 | 13.405 | 1.41 |
| 731 | 12.990 | .53 |
| 350 | 12.883 | .25 |
| -- | Method 002.01 | -- |
| 653 | 12.820 | .19 |
| 870 | 12.815 | .11 |
| Avg | 12.771 | |
| 716 | 12.600 | -.44 |
| 043 | 12.700 | -.49 |
| 723 | 12.335 | -.97 |
| 299 | 12.283 | -1.09 |
| 098 | 12.100 | -1.51 |
| -- | Method 002.02 | -- |
| 685 | 14.205 s | 5.30 |
| 669 | 13.175 | 2.10 |
| 307 | 12.550 R | 1.11 |
| 297 | 12.695 | .55 |
| Avg | 12.525 | |
| 036 | 12.477 | -.15 |
| 152 | 12.440 | -.27 |
| 042 | 12.345 | -.59 |
| 169 | 12.295 | -.73 |
| 043 | 12.250 | -.90 |
| -- | Method 002.03 | -- |
| 536 | 12.765 | .71 |
| -- | Method 002.04 | -- |
| 509 | 13.075 | 1.26 |
| 868 | 12.675 | .53 |
| 638 | 12.555 | .49 |
| Avg | 12.382 | |
| 405 | 12.365 | -.16 |
| 504 | 12.235 | -.42 |
| 187 | 11.385 | -1.79 |
| -- | Method 002.05 | -- |
| 591 | 13.690 R | 2.64 |
| 401 | 13.505 | 2.00 |
| 596 | 13.500 | 1.98 |
| 178 | 12.850 | .72 |
| 621 | 12.830 | .37 |
| -- | Method 002.05 | -- |
| 689 | 12.800 | .36 |
| 722 | 12.718 | .09 |
| 674 | 12.720 | .07 |
| Avg | 12.695 | |
| 354 | 12.615 | -.21 |
| 855 | 12.570 | -.33 |
| 651 | 12.416 | -.69 |
| 039 | 12.400 | -.74 |
| 622 | 12.352 | -.85 |
| 194 | 12.275 | -1.04 |
| 083 | 12.185 | -1.35 |
| -- | Method 002.06 | -- |
| 660 | 15.465 s | 4.04 |
| 027 | 14.575 | 2.65 |
| 853 | 14.395 | 2.38 |
| 263 | 14.056 | 1.83 |
| 824 | 14.000 | 1.75 |
| 148 | 13.910 | 1.61 |
| 142 | 13.900 | 1.59 |
| 233 | 13.895 | 1.58 |
| 598 | 13.850 | 1.54 |
| 756 | 13.860 | 1.53 |
| 553 | 13.658 R | 1.49 |
| 199 | 13.780 | 1.41 |
| 616 | 13.705 | 1.31 |
| 229 | 13.710 | 1.30 |
| 294 | 13.700 | 1.28 |
| 202 | 13.690 | 1.26 |
| 098 | 13.650 | 1.26 |
| 520 | 13.585 | 1.20 |
| 504 | 13.630 | 1.17 |
| 505 | 13.630 | 1.17 |
| 695 | 13.615 | 1.15 |
| 673 | 13.600 | 1.13 |
| 407 | 13.590 | 1.11 |
| 006 | 13.548 | 1.04 |
| 168 | 13.290 R | 1.01 |
| 527 | 13.435 | .87 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -- | Method 002.06 -- | | -- | Method 002.06 -- | | -- | Method 002.06 -- | | -- | Method 002.10 -- | | -- | Method 003.00 -- | |
| 001 | 13.310 | .80 | 529 | 12.955 | .12 | 812 | 12.365 | -.81 | 727 | 13.385 | .84 | 353 | 3.0550 | 1.48 |
| 049 | 13.290 | .76 | 692 | 12.900 | .03 | 226 | 12.400 | -.81 | 631 | 13.050 | .27 | 132 | 2.9000 | .77 |
| 761 | 13.350 | .76 | Avg | 12.882 | | 242 | 12.345 | -.85 | 628 | 13.005 | .18 | 190 | 2.8500 | .63 |
| 539 | 13.225 | .71 | 017 | 12.850 | -.09 | 646 | 12.360 | -.89 | Avg | 12.905 | | 106 | 2.8400 | .53 |
| 014 | 13.295 | .69 | 619 | 12.800 | -.13 | 630 | 12.275 | -.95 | 619 | 12.900 | -.01 | 175 | 2.8300 | .51 |
| 265 | 13.200 | .68 | 512 | 12.850 | -.15 | 650 | 12.270 | -.97 | 675 | 12.635 | -.47 | 563 | 2.8113 | .39 |
| 618 | 12.910 | .67 | 805 | 12.775 | -.18 | 100 | 12.255 | -1.00 | 688 | 12.700 | -.50 | 152 | 2.7900 | .29 |
| 160 | 13.220 | .67 | 674 | 12.855 | -.21 | 096 | 12.230 | -1.06 | 121 | 12.361 | -.95 | 164 | 2.7350 | .09 |
| 843 | 13.090 | .66 | 026 | 12.750 | -.21 | 045 | 12.100 | -1.26 | 867 | 12.360 | -.95 | Avg | 2.7219 | |
| 511 | 13.275 | .63 | 074 | 12.745 | -.22 | 567 | 12.250 R | -1.31 | 546 | 12.835 R | -1.11 | 035 | 2.6650 | -.29 |
| 787 | 12.960 | .62 | 686 | 12.860 | -.24 | 541 | 11.970 | -1.43 | 729 | 11.770 | -1.99 | 726 | 2.6545 | -.30 |
| 029 | 13.195 | .61 | 589 | 12.820 | -.24 | 550 | 11.978 | -1.44 | | | | 194 | 2.6450 | -.34 |
| 676 | 12.957 | .61 | 782 | 12.770 | -.24 | 546 | 11.980 | -1.45 | -- | Method 002.11 -- | | 300 | 2.6300 | -.39 |
| 354 | 13.210 | .59 | 772 | 12.655 | -.35 | 357 | 11.940 | -1.47 | 178 | 14.650 | 1.64 | 039 | 2.6191 | -.44 |
| 413 | 13.250 | .58 | 106 | 12.655 | -.36 | 013 | 11.795 | -1.70 | 631 | 14.160 | .99 | 032 | 2.6000 | -.52 |
| 164 | 13.245 | .57 | 009 | 12.655 | -.37 | 827 | 11.780 | -1.73 | 713 | 14.040 | .78 | 015 | 2.6000 | -.52 |
| 656 | 13.165 | .55 | 042 | 12.655 | -.37 | 693 | 11.800 | -1.76 | 628 | 13.940 | .65 | 527 | 2.5950 | -.58 |
| 735 | 13.220 | .54 | 785 | 12.645 | -.37 | 010 | 11.705 | -1.84 | 720 | 13.645 | .24 | 026 | 2.5550 | -.72 |
| 018 | 12.965 | .51 | 205 | 12.600 | -.45 | 004 | 11.645 | -1.94 | 032 | 13.550 | .13 | 354 | 2.5500 | -.74 |
| 037 | 13.180 | .49 | 353 | 12.590 | -.46 | 047 | 12.750 R | -1.96 | 688 | 13.550 | .13 | 509 | 2.6800 R | -.79 |
| 670 | 13.185 | .48 | 510 | 12.600 | -.47 | 508 | 11.608 | -2.00 | Avg | 13.467 | | 309 | 2.4215 | -1.36 |
| 810 | 13.100 | .37 | 278 | 12.600 | -.47 | 019 | 11.540 | -2.10 | 588 | 13.125 | -.54 | 142 | 2.2500 R | -2.12 |
| 554 | 13.105 | .35 | 011 | 12.565 | -.50 | 720 | 11.485 | -2.24 | 011 | 12.700 | -1.04 | 616 | 2.1800 | -2.32 |
| 425 | 13.105 | .35 | 682 | 12.565 | -.50 | 083 | 11.405 | -2.32 | 665 | 12.495 | -1.33 | | | |
| 590 | 12.900 | .31 | 043 | 12.710 | -.51 | 132 | 10.885 A | -3.13 | 867 | 12.280 | -1.61 | -- | Method 003.01 -- | |
| 610 | 12.900 | .31 | 712 | 12.610 | -.52 | | | | 567 | 11.500 R | -2.72 | 504 | 2.4700 | .71 |
| 035 | 13.080 | .31 | 559 | 12.540 | -.54 | -- | Method 002.08 -- | | 731 | 10.660 S | -3.82 | | | |
| 065 | 12.929 | .29 | 036 | 12.530 | -.55 | 706 | 13.950 | 1.73 | | | | -- | Method 003.06 -- | |
| 033 | 13.020 | .29 | 051 | 12.560 | -.57 | 062 | 12.905 R | .57 | -- | Method 002.99 -- | | 588 | 2.8500 | 1.45 |
| 190 | 13.040 | .26 | 175 | 12.550 | -.57 | 563 | 12.631 | .04 | 305 | 13.675 | 1.10 | 688 | 2.8000 | 1.32 |
| 574 | 13.025 | .25 | 358 | 12.775 | -.59 | Avg | 12.626 | | 003 | 13.380 | .72 | 074 | 2.7650 | 1.14 |
| 738 | 12.985 | .18 | 038 | 12.515 | -.63 | 610 | 12.550 | -.12 | Avg | 13.269 | | 869 | 2.7650 | 1.14 |
| 588 | 12.995 | .18 | 647 | 12.465 | -.68 | 309 | 12.200 | -.56 | 613 | 13.255 | -.15 | 682 | 2.7400 | 1.04 |
| 298 | 12.990 | .17 | 571 | 12.441 | -.70 | 208 | 11.800 | -1.08 | 643 | 12.765 | -1.33 | 511 | 2.7000 | .90 |
| 726 | 12.986 | .16 | 144 | 12.445 | -.70 | | | | | | | 083 | 2.6600 | .74 |
| 609 | 12.885 | .15 | 108 | 12.425 | -.72 | -- | Method 002.10 -- | | -- | Method 003.00 -- | | 199 | 2.6150 | .57 |
| 859 | 12.905 | .13 | 687 | 12.410 | -.74 | 861 | 13.820 | 1.60 | 596 | 3.5250 s | 3.44 | 294 | 2.5700 | .48 |
| 171 | 12.950 | .13 | 089 | 12.375 | -.79 | 629 | 13.480 | 1.00 | 848 | 3.2050 | 2.07 | 731 | 2.4950 | .45 |
| 034 | 12.955 | .12 | 626 | 12.410 | -.79 | 160 | 13.390 | .95 | 307 | 3.1500 | 1.85 | 305 | 2.5250 | .26 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 003.06 | -- |
| 148 | 2.4800 | .16 |
| 559 | 2.4800 | .13 |
| Avg | 2.4615 | |
| 229 | 2.4500 | -.06 |
| 169 | 2.3950 | -.25 |
| 425 | 2.3750 | -.32 |
| 669 | 2.3700 | -.35 |
| 689 | 2.3500 | -.46 |
| 552 | 2.3400 | -.49 |
| 009 | 2.3300 | -.54 |
| 297 | 2.4300 R | -.65 |
| 852 | 2.2300 | -.87 |
| 867 | 1.9750 | -1.82 |
| 647 | 1.9150 | -2.05 |
| 621 | 1.9000 | -2.10 |
| 574 | 1.7050 s | -2.90 |
| -- | Method 003.09 | -- |
| 590 | 3.2250 | 2.56 |
| 004 | 3.0250 | 1.62 |
| 226 | 2.9500 | 1.30 |
| 685 | 2.9100 | 1.10 |
| 651 | 2.8955 | 1.03 |
| 038 | 2.8450 | .98 |
| 002 | 2.8350 | .78 |
| 722 | 2.8086 | .64 |
| 505 | 2.7650 | .48 |
| 263 | 2.7516 | .37 |
| 656 | 2.7150 | .36 |
| 554 | 2.7150 | .32 |
| 121 | 2.6930 | .28 |
| Avg | 2.6712 | |
| 033 | 2.6150 | -.26 |
| 674 | 2.5850 | -.41 |
| 013 | 2.5600 | -.51 |
| 350 | 2.5505 | -.57 |
| 510 | 2.5500 | -.60 |
| 638 | 2.6250 | -.61 |
| 027 | 2.6100 | -.66 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 003.09 | -- |
| 723 | 2.5250 | -.67 |
| 675 | 2.5200 | -.70 |
| 673 | 2.5000 | -.79 |
| 354 | 2.4850 | -.85 |
| 653 | 2.4450 | -1.04 |
| 358 | 2.4250 | -1.17 |
| 098 | 2.3700 | -1.40 |
| 001 | 2.2950 | -1.73 |
| -- | Method 003.10 | -- |
| 591 | 4.2550 s | 9.22 |
| 100 | 3.3300 s | 4.64 |
| 618 | 3.2200 A | 4.07 |
| 706 | 2.7500 | 1.66 |
| 676 | 2.7410 | 1.60 |
| 178 | 2.7000 | 1.39 |
| 160 | 2.6000 R | 1.27 |
| 045 | 2.6500 | 1.25 |
| 062 | 2.6060 | 1.02 |
| 233 | 2.5600 | .69 |
| 208 | 2.5200 | .66 |
| 720 | 2.4900 | .52 |
| 034 | 2.5100 | .43 |
| 042 | 2.4450 | .39 |
| 695 | 2.4650 | .22 |
| Avg | 2.4237 | |
| 629 | 2.4150 | -.09 |
| 689 | 2.4000 | -.12 |
| 619 | 2.4200 | -.15 |
| 298 | 2.3600 | -.32 |
| 098 | 2.3300 | -.53 |
| 242 | 2.2800 | -.73 |
| 202 | 2.2600 | -.83 |
| 623 | 2.2283 | -.99 |
| 855 | 2.2400 | -1.01 |
| 089 | 2.2100 | -1.08 |
| 868 | 2.1550 | -1.36 |
| 693 | 2.0100 | -2.10 |
| 609 | 1.0950 s | -6.69 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 003.11 | -- |
| 720 | 2.9500 | 1.71 |
| 665 | 2.7900 | 1.28 |
| 178 | 2.7000 | 1.07 |
| 032 | 2.5500 | .66 |
| 631 | 2.4800 | .47 |
| Avg | 2.3087 | |
| 588 | 2.2750 | -.15 |
| 713 | 2.1800 | -.34 |
| 688 | 2.1500 | -.44 |
| 731 | 1.9300 | -1.03 |
| 567 | 1.9500 | -1.03 |
| 867 | 1.8800 | -1.14 |
| 628 | 1.8700 | -1.17 |
| -- | Method 003.12 | -- |
| 628 | 2.8000 | 1.52 |
| 357 | 2.7000 | .16 |
| Avg | 2.6863 | |
| 670 | 2.6250 | -.73 |
| 171 | 2.6200 | -.79 |
| -- | Method 003.13 | -- |
| 028 | 2.8050 | .90 |
| 646 | 2.7300 | .71 |
| 205 | 2.6020 | .36 |
| Avg | 2.4614 | |
| 553 | 2.1750 | -1.22 |
| 660 | 1.9950 | -1.25 |
| -- | Method 003.14 | -- |
| 049 | 2.8700 | 1.67 |
| 598 | 2.8000 | 1.44 |
| 520 | 2.6650 R | 1.30 |
| 413 | 2.7500 | 1.28 |
| 853 | 2.6650 | 1.07 |
| 407 | 2.6850 | 1.05 |
| 019 | 2.5200 | .70 |
| 567 | 2.4000 | .35 |
| 686 | 2.3900 | .11 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 003.14 | -- |
| 278 | 2.4000 | .08 |
| 529 | 2.3900 | .06 |
| Avg | 2.3758 | |
| 550 | 2.3100 | -.31 |
| 108 | 2.2650 | -.43 |
| 175 | 2.2450 | -.48 |
| 051 | 2.2400 | -.64 |
| 265 | 2.1500 | -.78 |
| 581 | 2.1250 | -.86 |
| 144 | 2.1250 | -.88 |
| 021 | 2.1150 | -.90 |
| 299 | 1.6960 | -2.30 |
| -- | Method 003.99 | -- |
| 631 | 2.9450 | 1.33 |
| 712 | 2.7550 | 1.14 |
| 630 | 2.9000 | 1.12 |
| 065 | 2.8065 | .72 |
| 861 | 2.7600 | .52 |
| 047 | 2.6500 | .22 |
| Avg | 2.6422 | |
| 536 | 2.5600 | -.42 |
| 613 | 2.5550 | -.47 |
| 738 | 2.4900 | -.70 |
| 727 | 2.6295 | -.86 |
| 003 | 2.3250 | -1.42 |
| 546 | 2.3300 | -1.64 |
| 787 | 2.0400 A | -2.95 |
| -- | Method 004.00 | -- |
| 015 | 27.400 | 2.41 |
| 511 | 27.250 | 2.31 |
| 647 | 27.030 R | 2.26 |
| 039 | 23.871 R | 1.53 |
| 559 | 25.460 | 1.13 |
| 509 | 25.155 | .88 |
| 164 | 25.100 | .84 |
| 425 | 24.850 | .67 |
| 563 | 24.790 | .63 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 004.00 | -- |
| 208 | 24.450 | .46 |
| 298 | 24.500 | .44 |
| 171 | 24.200 | .36 |
| 354 | 24.315 | .31 |
| 309 | 24.285 | .29 |
| 169 | 24.115 | .17 |
| 226 | 24.000 | .16 |
| 013 | 24.000 | .10 |
| Avg | 23.868 | |
| 009 | 23.730 | -.13 |
| 510 | 23.600 | -.20 |
| 175 | 23.400 | -.33 |
| 190 | 23.360 | -.39 |
| 855 | 23.265 | -.42 |
| 199 | 23.235 | -.44 |
| 194 | 22.925 | -.64 |
| 726 | 22.872 | -.68 |
| 504 | 22.560 | -.90 |
| 353 | 22.470 | -.98 |
| 034 | 22.400 | -1.00 |
| 695 | 22.285 | -1.09 |
| 596 | 21.650 | -1.52 |
| 132 | 20.555 | -2.26 |
| -- | Method 004.01 | -- |
| 693 | 25.185 | -.71 |
| -- | Method 004.03 | -- |
| 045 | 24.100 | 1.16 |
| Avg | 23.950 | |
| 619 | 23.800 | -.41 |
| -- | Method 004.06 | -- |
| 609 | 28.705 S | 3.59 |
| 638 | 27.500 R | 2.69 |
| 685 | 26.865 | 2.13 |
| 178 | 26.600 | 1.96 |
| 845 | 26.115 | 1.58 |
| 866 | 25.950 | 1.41 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 004.06 | -- |
| 716 | 25.950 | 1.41 |
| 675 | 25.320 | .91 |
| 621 | 25.285 | .88 |
| 670 | 25.250 | .85 |
| 354 | 25.230 | .84 |
| 038 | 25.110 | .75 |
| 350 | 24.869 | .55 |
| 723 | 24.720 | .44 |
| 689 | 24.250 | .21 |
| Avg | 24.173 | |
| 029 | 24.145 | -.09 |
| 588 | 23.905 | -.24 |
| 868 | 23.910 | -.27 |
| 591 | 23.850 | -.28 |
| 610 | 23.800 | -.30 |
| 722 | 23.722 | -.36 |
| 731 | 23.685 | -.40 |
| 676 | 24.110 | -.44 |
| 673 | 23.600 | -.48 |
| 674 | 23.520 | -.56 |
| 869 | 23.450 | -.58 |
| 688 | 23.300 | -.69 |
| 590 | 23.210 | -.79 |
| 552 | 23.125 | -.88 |
| 656 | 23.200 | -.91 |
| 728 | 23.045 | -.92 |
| 205 | 23.000 | -1.01 |
| 098 | 22.900 | -1.06 |
| 848 | 22.770 | -1.11 |
| 027 | 22.560 | -1.28 |
| 867 | 21.575 | -2.06 |
| -- | Method 004.07 | -- |
| 581 | 25.165 | 1.51 |
| 554 | 25.100 | 1.45 |
| 682 | 25.050 | 1.43 |
| 610 | 24.950 | 1.33 |
| 033 | 24.800 | 1.23 |
| 121 | 24.674 | 1.18 |
| 160 | 24.802 | 1.12 |
| 004 | 24.710 | 1.10 |
| 042 | 24.725 | 1.03 |
| 407 | 24.695 | 1.01 |
| 643 | 24.545 | .84 |
| 646 | 24.300 | .64 |
| 669 | 23.915 | .60 |
| 202 | 24.175 | .44 |
| 089 | 24.180 | .44 |
| 098 | 24.000 | .32 |
| 505 | 24.070 | .32 |
| 026 | 24.000 | .28 |
| 100 | 24.020 | .27 |
| 229 | 24.000 | .25 |
| Avg | 23.778 | |
| 035 | 23.720 | -.08 |
| 631 | 23.755 | -.17 |
| 294 | 23.620 | -.18 |
| 567 | 23.700 | -.34 |
| 592 | 23.540 | -.37 |
| 074 | 23.575 | -.48 |
| 553 | 23.355 | -.51 |
| 028 | 23.250 | -.60 |
| 278 | 23.205 | -.62 |
| 021 | 23.185 | -.65 |
| 870 | 23.251 | -.76 |
| 529 | 23.000 | -.84 |
| 686 | 22.985 | -.88 |
| 144 | 22.930 | -.93 |
| 242 | 22.895 | -.96 |
| 265 | 23.250 R | -1.09 |
| 708 | 22.855 | -1.09 |
| 520 | 22.750 | -1.20 |
| 096 | 21.950 | -1.98 |
| 019 | 21.870 | -2.08 |
| 413 | 21.850 | -2.21 |
| 307 | 20.500 s | -3.56 |
| -- | Method 004.11 | -- |
| 731 | 24.290 | 1.57 |
| 628 | 23.955 | 1.35 |
| 567 | 23.500 R | 1.12 |
| 688 | 22.800 | .60 |
| 011 | 22.250 | .29 |
| 178 | 22.250 | .29 |
| 713 | 21.910 | .02 |
| 867 | 21.895 | .01 |
| Avg | 22.163 | |
| 631 | 21.330 | -.36 |
| 588 | 21.195 | -.44 |
| 032 | 19.750 | -1.38 |
| 720 | 19.000 S | -1.86 |
| -- | Method 004.99 | -- |
| 626 | 27.365 | 1.59 |
| 003 | 25.210 | .53 |
| 613 | 24.795 | .33 |
| 629 | 24.500 | .27 |
| Avg | 24.125 | |
| 628 | 23.915 | -.12 |
| 598 | 21.680 | -1.23 |
| 536 | 21.410 | -1.41 |
| -- | Method 005.00 | -- |
| 867 | 8.3500 s | 3.60 |
| 527 | 8.2150 | 2.92 |
| 852 | 8.0500 | 2.23 |
| 510 | 8.0750 | 2.22 |
| 413 | 8.0000 R | 2.10 |
| 539 | 8.0350 | 2.08 |
| 720 | 8.0100 | 1.90 |
| 716 | 8.0000 | 1.85 |
| 108 | 7.9850 | 1.81 |
| 407 | 7.9750 | 1.74 |
| 660 | 7.8850 | 1.42 |
| 178 | 7.7500 R | 1.38 |
| 567 | 7.9000 | 1.35 |
| 591 | 7.8950 | 1.33 |
| 132 | 7.8750 | 1.28 |
| 676 | 7.8660 | 1.18 |
| 589 | 7.7550 R | 1.16 |
| 142 | 7.8500 | 1.13 |
| 688 | 7.8500 | 1.13 |
| 622 | 7.8451 | 1.09 |
| 812 | 7.8150 | 1.04 |
| 226 | 7.8000 | .99 |
| 638 | 7.7800 | .96 |
| 298 | 7.8200 | .95 |
| 062 | 7.6380 R | .93 |
| 695 | 7.7950 | .91 |
| 588 | 7.8100 | .90 |
| 553 | 7.6400 R | .90 |
| 669 | 7.7850 | .89 |
| 357 | 7.8000 | .85 |
| 619 | 7.8000 | .85 |
| 504 | 7.7500 | .85 |
| 845 | 7.7250 | .79 |
| 027 | 7.6770 | .73 |
| 693 | 7.7250 | .71 |
| 868 | 7.7700 | .71 |
| 621 | 7.7650 | .70 |
| 712 | 7.7450 | .69 |
| 869 | 7.7650 | .68 |
| 559 | 7.7400 | .68 |
| 265 | 7.7500 | .65 |
| 307 | 7.7000 | .61 |
| 401 | 7.7400 | .59 |
| 661 | 7.7450 | .58 |
| 164 | 7.7400 | .56 |
| 038 | 7.6350 | .52 |
| 629 | 7.7250 | .51 |
| 689 | 7.6950 | .46 |
| 160 | 7.7150 | .45 |
| 065 | 7.7145 | .43 |
| 686 | 7.6900 | .43 |
| 590 | 7.7100 | .42 |
| 656 | 7.6900 | .39 |
| 045 | 7.7050 | .38 |
| 152 | 7.7000 | .36 |
| 630 | 7.6800 | .32 |
| 229 | 7.6900 | .31 |
| 035 | 7.6900 | .31 |
| 735 | 7.6850 | .29 |
| 353 | 7.6750 | .29 |
| 722 | 7.6804 | .28 |
| 706 | 7.6500 | .27 |
| 643 | 7.6700 | .25 |
| 653 | 7.6600 | .25 |
| 350 | 7.6720 | .24 |
| 305 | 7.6500 | .15 |
| 187 | 7.6350 | .13 |
| 675 | 7.6400 | .11 |
| 505 | 7.6450 | .11 |
| 563 | 7.6474 | .09 |
| Avg | 7.6285 | |
| 148 | 7.6100 | -.10 |
| 294 | 7.6100 | -.10 |
| 175 | 7.6200 | -.11 |
| 772 | 7.6150 | -.14 |
| 731 | 7.6000 | -.15 |
| 682 | 7.6100 | -.18 |
| 354 | 7.5900 | -.20 |
| 870 | 7.6093 | -.23 |
| 552 | 7.5800 | -.26 |
| 631 | 7.5900 | -.28 |
| 242 | 7.5700 | -.30 |
| 121 | 7.6005 | -.31 |
| 782 | 7.5700 | -.35 |
| 029 | 7.6100 | -.36 |
| 511 | 7.5650 | -.36 |
| 529 | 7.5500 | -.39 |
| 004 | 7.5550 | -.40 |
| 805 | 7.6050 | -.44 |
| 651 | 7.5380 | -.45 |
| 083 | 7.5500 | -.46 |
| 848 | 7.5350 | -.47 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index | Lab | Average* | Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -- | Method 005.00 -- | | -- | Method 005.00 -- | | -- | Method 005.99 -- | | -- | Method 008.08 -- | | -- | Method 009.07 -- | |
| 205 | 7.5350 | -.47 | 618 | 7.2853 | -1.83 | 866 | 7.6990 | -.97 | Avg | 32.122 | | 693 | 44.005 | -.95 |
| 674 | 7.5750 | -.50 | 616 | 7.2500 | -1.89 | 613 | 7.4800 | -1.98 | 294 | 31.910 | -.19 | 353 | 42.440 | -1.65 |
| 051 | 7.5300 | -.50 | 827 | 7.1550 R | -2.49 | | | | 581 | 32.110 | -.20 | | | |
| 550 | 7.5275 | -.52 | 169 | 7.1250 | -2.51 | -- | Method 008.02 -- | | 037 | 32.080 | -.20 | -- | Method 009.09 -- | |
| 723 | 7.5200 | -.54 | 425 | 7.1150 | -2.56 | 038 | 34.125 | 1.31 | 001 | 32.055 X | -.27 | 299 | 49.994 s | 4.30 |
| 100 | 7.5200 | -.56 | 297 | 6.9500 s | -3.38 | 187 | 34.030 | 1.24 | 870 | 31.497 | -.56 | 510 | 47.400 | 1.70 |
| 729 | 7.5200 | -.56 | | | | 504 | 32.570 R | .86 | 160 | 31.405 | -.67 | 265 | 47.250 | 1.53 |
| 785 | 7.5850 | -.61 | -- | Method 005.01 -- | | 045 | 33.450 | .84 | 278 | 31.200 | -.86 | 164 | 46.900 | 1.17 |
| 171 | 7.5050 | -.62 | 646 | 7.5250 | -.71 | 405 | 33.075 | .55 | 083 | 30.830 | -1.15 | 413 | 45.800 | 1.11 |
| 278 | 7.5000 | -.64 | | | | 148 | 33.065 | .54 | 693 | 31.220 R | -1.16 | 294 | 46.250 | .53 |
| 144 | 7.4950 | -.67 | -- | Method 005.02 -- | | 675 | 32.985 | .48 | 358 | 31.720 R | -1.18 | 357 | 45.800 | .41 |
| 208 | 7.4950 | -.70 | 610 | 7.8250 | .71 | Avg | 32.330 | | 354 | 30.585 | -1.36 | 106 | 45.910 | .39 |
| 541 | 7.4850 | -.71 | | | | 226 | 32.300 | -.08 | 653 | 29.025 | -2.75 | 037 | 46.015 | .39 |
| 855 | 7.4700 | -.79 | -- | Method 005.11 -- | | 098 | 32.150 | -.17 | 686 | 27.155 s | -4.41 | 686 | 46.060 | .36 |
| 199 | 7.4750 | -.80 | 588 | 9.4200 S | 4.68 | 035 | 32.135 | -.19 | | | | 160 | 45.835 | .20 |
| 300 | 7.5000 | -.81 | 731 | 9.3000 S | 4.30 | 353 | 31.955 | -.27 | -- | Method 008.99 -- | | 646 | 45.820 | .12 |
| 756 | 7.4650 | -.84 | 628 | 9.1800 S | 3.88 | 309 | 31.910 | -.35 | 307 | 35.150 s | 4.50 | Avg | 45.736 | |
| 194 | 7.4500 | -.89 | 720 | 8.6950 S | 2.34 | 728 | 31.670 | -.48 | 297 | 32.210 | 1.38 | 581 | 45.540 | -.34 |
| 609 | 7.4450 | -.93 | 688 | 8.4500 S | 1.56 | 619 | 31.200 | -.83 | 610 | 31.050 | .49 | 870 | 45.409 | -.37 |
| 089 | 7.4400 | -.94 | 178 | 8.3000 | 1.00 | 527 | 28.565 | -2.75 | Avg | 30.869 | | 202 | 45.065 | -.74 |
| 309 | 7.4300 | -1.02 | 867 | 8.2500 | .83 | 590 | 27.850 s | -3.31 | 656 | 30.335 | -.55 | 278 | 44.900 | -.85 |
| 810 | 7.4250 | -1.03 | 631 | 8.1150 | .45 | | | | 613 | 29.880 | -1.03 | 653 | 45.290 | -.99 |
| 358 | 7.4300 | -1.03 | Avg | 7.9950 | | -- | Method 008.05 -- | | | | | 049 | 44.865 R | -1.46 |
| 001 | 7.4300 | -1.06 | 665 | 7.7100 | -.97 | 265 | 33.250 | .71 | -- | Method 009.04 -- | | 083 | 44.125 | -1.65 |
| 520 | 7.4200 | -1.08 | 713 | 7.6000 | -1.30 | | | | 504 | 47.020 | .71 | 354 | 43.875 | -1.87 |
| 202 | 7.4150 | -1.09 | | | | -- | Method 008.08 -- | | | | | | | |
| 761 | 7.4050 | -1.14 | -- | Method 005.99 -- | | 299 | 36.464 s | 3.85 | -- | Method 009.07 -- | | -- | Method 009.99 -- | |
| 026 | 7.3950 | -1.16 | 861 | 8.2050 | 1.51 | 004 | 36.110 s | 3.55 | 675 | 49.290 | 1.99 | 613 | 48.090 | 1.25 |
| 623 | 7.4108 | -1.20 | 727 | 8.1040 | 1.10 | 510 | 34.550 | 2.16 | 307 | 47.750 | 1.19 | Avg | 46.575 | |
| 853 | 7.4150 | -1.31 | 546 | 8.0750 | .97 | 033 | 33.250 | 1.00 | 187 | 47.065 | .81 | 619 | 46.150 | -.35 |
| 049 | 7.3600 | -1.34 | 574 | 7.9750 | .93 | 049 | 32.890 | .70 | 309 | 46.830 | .73 | 728 | 45.485 | -.90 |
| 033 | 7.3550 | -1.36 | 628 | 8.0350 | .69 | 026 | 32.830 | .63 | 656 | 46.255 | .40 | 610 | 44.550 R | -2.10 |
| 650 | 7.3700 | -1.38 | 096 | 7.9000 | .48 | 413 | 32.750 | .56 | 038 | 45.820 | .36 | | | |
| 034 | 7.3500 | -1.39 | Avg | 7.8914 | | 592 | 32.715 | .53 | Avg | 45.539 | | -- | Method 010.03 -- | |
| 015 | 7.3500 | -1.40 | 826 | 7.8650 | -.21 | 646 | 32.710 | .53 | 098 | 45.300 | -.20 | 843 | 9.2500 | .71 |
| 670 | 7.3250 | -1.51 | 652 | 7.8500 | -.31 | 106 | 32.635 | .50 | 297 | 44.950 | -.37 | Avg | 9.2500 | |
| 098 | 7.3800 R | -1.56 | 536 | 7.8550 | -.53 | 357 | 32.650 | .49 | 590 | 44.400 | -.61 | 546 | 6.7600 S | -7.34 |
| 598 | 7.3300 | -1.58 | 673 | 7.8000 | -.65 | 202 | 32.435 | .30 | 045 | 44.050 | -.81 | 826 | 6.3150 S | -8.65 |
| 596 | 7.3000 | -1.63 | 728 | 7.7450 | -.89 | 164 | 32.450 | .29 | 226 | 43.850 | -.91 | | | |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 010.11 -- | |
| 720 | 10.015 s | 6.14 |
| 628 | 9.1650 | 1.35 |
| 038 | 9.1475 | 1.24 |
| 713 | 9.1200 | 1.09 |
| 867 | 8.9750 | .33 |
| Avg | 8.9278 | |
| 731 | 8.9100 | -.30 |
| 688 | 8.8500 | -.52 |
| 567 | 8.9000 | -.59 |
| 631 | 8.8000 | -.77 |
| 178 | 8.7500 | -1.04 |
| 588 | 8.6600 | -1.56 |
| -- | Method 010.99 -- | |
| 305 | 11.275 s | 5.35 |
| 613 | 9.6500 | 1.57 |
| 652 | 9.5000 | 1.24 |
| 673 | 9.3000 | .75 |
| 529 | 9.2800 | .73 |
| 716 | 9.2500 | .65 |
| 869 | 9.1750 | .47 |
| 299 | 9.0385 | .37 |
| 628 | 9.0350 | .14 |
| 032 | 9.0000 | .06 |
| Avg | 8.9754 | |
| 866 | 8.7470 | -.64 |
| 164 | 8.6400 | -.79 |
| 527 | 8.3600 | -1.43 |
| 168 | 8.3450 | -1.48 |
| 712 | 8.3350 | -1.52 |
| 852 | 7.0500 S | -4.48 |
| -- | Method 011.01 -- | |
| 034 | 12.550 s | 6.48 |
| 827 | 11.025 R | 2.17 |
| 108 | 11.035 | 2.11 |
| 738 | 11.040 | 2.10 |
| 728 | 10.855 | 1.56 |
| 205 | 10.835 | 1.50 |
| -- | Method 011.01 -- | |
| 098 | 10.800 | 1.39 |
| 541 | 10.775 | 1.37 |
| 559 | 10.780 | 1.36 |
| 622 | 10.744 | 1.23 |
| 643 | 10.650 R | 1.20 |
| 591 | 10.365 R | 1.07 |
| 520 | 10.600 | 1.03 |
| 848 | 10.660 | .98 |
| 596 | 10.650 | .96 |
| 510 | 10.600 | .81 |
| 772 | 10.585 | .76 |
| 242 | 10.565 | .71 |
| 824 | 10.550 | .68 |
| 164 | 10.540 | .63 |
| 202 | 10.515 | .62 |
| 670 | 10.535 | .62 |
| 756 | 10.525 | .60 |
| 051 | 10.490 | .54 |
| 233 | 10.490 | .53 |
| 812 | 10.495 | .52 |
| 208 | 10.500 | .52 |
| 722 | 10.478 | .47 |
| 805 | 10.475 | .45 |
| 653 | 10.455 | .38 |
| 148 | 10.445 | .38 |
| 401 | 10.370 | .30 |
| 761 | 10.420 | .29 |
| 144 | 10.395 | .28 |
| 651 | 10.419 | .28 |
| 675 | 10.415 | .27 |
| 563 | 10.380 | .27 |
| 407 | 10.395 | .25 |
| 171 | 10.375 | .24 |
| 539 | 10.385 | .20 |
| 100 | 10.355 | .14 |
| 682 | 10.350 | .12 |
| 782 | 10.336 | .10 |
| 033 | 10.340 | .06 |
| Avg | 10.323 | |
| -- | Method 011.01 -- | |
| 194 | 10.275 | -.15 |
| 309 | 10.290 | -.17 |
| 859 | 10.260 | -.23 |
| 735 | 10.285 | -.32 |
| 650 | 10.315 | -.34 |
| 175 | 10.200 | -.36 |
| 026 | 10.195 | -.39 |
| 553 | 10.285 | -.49 |
| 358 | 10.155 | -.51 |
| 354 | 10.140 | -.53 |
| 870 | 10.148 | -.54 |
| 350 | 10.135 | -.55 |
| 723 | 10.125 | -.58 |
| 265 | 10.100 | -.65 |
| 674 | 10.090 | -.73 |
| 843 | 10.075 | -.73 |
| 810 | 10.060 | -.77 |
| 132 | 10.100 | -.78 |
| 511 | 10.085 | -.78 |
| 226 | 10.050 | -.81 |
| 229 | 10.030 | -.86 |
| 621 | 9.9850 | -1.00 |
| 574 | 10.290 R | -1.02 |
| 552 | 9.8850 | -1.28 |
| 298 | 9.8400 | -1.40 |
| 160 | 9.7100 | -1.78 |
| 623 | 9.9153 R | -1.90 |
| 706 | 9.6500 | -1.96 |
| 598 | 9.6200 | -2.04 |
| 646 | 9.5450 | -2.29 |
| 660 | 9.5100 | -2.39 |
| 062 | 9.5015 | -2.41 |
| 855 | 9.0800 s | -3.62 |
| 294 | 9.0500 s | -3.71 |
| -- | Method 011.99 -- | |
| 588 | 11.010 | -.71 |
| -- | Method 012.00 -- | |
| 689 | 14.500 | .93 |
| 559 | 14.400 | .88 |
| 567 | 13.900 | .42 |
| 673 | 13.850 | .34 |
| Avg | 13.697 | |
| 354 | 13.590 | -.12 |
| 869 | 13.690 | -.25 |
| 178 | 11.950 | -2.12 |
| -- | Method 012.01 -- | |
| 096 | 13.900 | .74 |
| Avg | 13.660 | |
| 686 | 13.420 | -.98 |
| -- | Method 012.03 -- | |
| 098 | 13.600 | .99 |
| Avg | 13.183 | |
| 297 | 12.765 | -.72 |
| -- | Method 012.04 -- | |
| 106 | 16.800 R | 2.80 |
| 353 | 15.345 | 1.34 |
| 278 | 13.900 | .12 |
| Avg | 13.760 | |
| 160 | 13.545 | -.21 |
| 510 | 12.250 | -1.28 |
| -- | Method 012.11 -- | |
| 713 | 15.605 | .94 |
| 720 | 15.500 | .89 |
| Avg | 13.733 | |
| 178 | 12.150 | -.83 |
| 731 | 11.675 | -1.06 |
| -- | Method 012.99 -- | |
| 619 | 32.000 S | .00 |
| -- | Method 013.02 -- | |
| 843 | 4.4300 s | 3.05 |
| 826 | 4.1550 | 1.86 |
| 100 | 4.0650 | 1.64 |
| 650 | 4.0450 | 1.60 |
| 861 | 3.7900 | 1.12 |
| 805 | 3.7700 | 1.01 |
| 810 | 3.7450 | .90 |
| 643 | 3.6250 | .67 |
| 853 | 3.4900 | .55 |
| 026 | 3.5950 | .53 |
| 675 | 3.5450 | .42 |
| 824 | 3.5000 | .31 |
| 553 | 3.4750 | .27 |
| 812 | 3.3950 | .16 |
| Avg | 3.3711 | |
| 229 | 3.3500 | -.13 |
| 735 | 3.3550 | -.16 |
| 148 | 3.2600 | -.35 |
| 164 | 3.2700 | -.43 |
| 772 | 3.1850 | -.44 |
| 354 | 3.3700 | -.47 |
| 033 | 3.1300 | -.58 |
| 761 | 3.1200 | -.60 |
| 756 | 2.9450 | -1.01 |
| 208 | 2.8800 | -1.16 |
| 616 | 2.8800 | -1.17 |
| 682 | 2.7850 | -1.39 |
| 827 | 2.7700 | -1.43 |
| 855 | 2.5250 | -2.03 |
| -- | Method 013.08 -- | |
| 591 | 4.4450 | -.71 |
| -- | Method 013.10 -- | |
| 843 | 4.4300 s | 3.15 |
| 160 | 3.9850 | 1.93 |
| 652 | 3.6000 | 1.17 |
| 656 | 3.4750 | .96 |
| 353 | 3.4400 | .85 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 013.10 | -- |
| 591 | 3.3500 | .70 |
| Avg | 3.0065 | |
| 539 | 2.8950 | -.28 |
| 716 | 2.8350 | -.39 |
| 660 | 2.7900 | -.43 |
| 673 | 2.7500 | -.51 |
| 688 | 2.6000 | -.80 |
| 610 | 2.6000 | -.82 |
| 845 | 2.4100 | -1.26 |
| 096 | 2.3550 | -1.30 |
| -- | Method 013.11 | -- |
| 866 | 2.2500 | .71 |
| -- | Method 013.12 | -- |
| 720 | 2.9500 | .86 |
| Avg | 2.8275 | |
| 588 | 2.7050 | -.87 |
| -- | Method 013.13 | -- |
| 843 | 4.4300 | 1.12 |
| Avg | 4.0950 | |
| 581 | 3.7600 | -.50 |
| -- | Method 013.99 | -- |
| 628 | 4.3500 | 1.10 |
| Avg | 3.9433 | |
| 689 | 3.8000 | -.47 |
| 051 | 3.6800 | -1.03 |
| -- | Method 015.00 | -- |
| 520 | 80.000 s | 3.48 |
| 616 | 68.550 | 1.84 |
| 154 | 63.000 | 1.13 |
| 353 | 59.460 | .81 |
| 164 | 56.500 | .32 |
| 011 | 54.452 | .10 |
| Avg | 54.056 | |
| 560 | 51.400 | -.39 |
| -- | Method 015.00 | -- |
| 021 | 49.650 | -.58 |
| 510 | 47.500 | -.89 |
| 169 | 44.950 | -1.15 |
| 049 | 45.095 | -1.22 |
| -- | Method 016.00 | -- |
| 619 | 0.0410 | .71 |
| -- | Method 017.00 | -- |
| 353 | 14.500 s | 7.85 |
| 049 | 10.035 | 1.12 |
| 510 | 9.9550 | 1.00 |
| 045 | 9.5000 | .47 |
| Avg | 9.2617 | |
| 560 | 9.2400 | -.25 |
| 693 | 8.4700 | -1.15 |
| 358 | 8.3700 | -1.28 |
| 021 | 5.8500 s | -4.91 |
| -- | Method 017.99 | -- |
| 307 | 9.8500 | .71 |
| -- | Method 018.02 | -- |
| 567 | 0.1000 | 1.20 |
| Avg | 0.0841 | |
| 011 | 0.0798 | -.51 |
| 021 | 0.0725 | -.89 |
| -- | Method 019.00 | -- |
| 552 | 0.9800 R | 2.75 |
| 623 | 0.9589 | 2.31 |
| 622 | 0.8646 | .46 |
| Avg | 0.8410 | |
| 043 | 0.8400 | -.02 |
| 194 | 0.8350 | -.15 |
| 621 | 0.8250 | -.33 |
| 651 | 0.8045 | -.72 |
| 716 | 0.8000 | -.80 |
| 689 | 0.8000 | -.80 |
| -- | Method 019.00 | -- |
| 647 | 0.6350 S | -4.10 |
| -- | Method 019.01 | -- |
| 646 | 1.3700 s | 9.39 |
| 263 | 0.9408 | 2.09 |
| 631 | 0.9250 | 1.91 |
| 035 | 0.9300 | 1.90 |
| 674 | 0.8650 R | 1.79 |
| 720 | 0.9100 | 1.57 |
| 591 | 0.8860 | 1.16 |
| 152 | 0.8750 | .98 |
| 653 | 0.8690 | .90 |
| 108 | 0.8550 | .87 |
| 142 | 0.8500 | .75 |
| 619 | 0.8570 | .73 |
| 205 | 0.8580 | .69 |
| 669 | 0.8550 | .69 |
| 504 | 0.8520 | .65 |
| 036 | 0.8540 | .65 |
| 038 | 0.8510 | .63 |
| 001 | 0.8465 | .50 |
| 609 | 0.8400 | .42 |
| 010 | 0.8300 | .40 |
| 350 | 0.8300 | .40 |
| 013 | 0.8320 | .34 |
| 675 | 0.8350 | .31 |
| 596 | 0.8350 | .31 |
| 638 | 0.8250 | .29 |
| 208 | 0.8250 | .23 |
| 065 | 0.8302 | .22 |
| 354 | 0.8200 | .18 |
| 305 | 0.8200 | .18 |
| Avg | 0.8171 | |
| 731 | 0.8150 | -.09 |
| 650 | 0.8150 | -.09 |
| 175 | 0.8050 | -.22 |
| 026 | 0.8000 | -.33 |
| 656 | 0.7950 | -.38 |
| 307 | 0.7950 | -.45 |
| -- | Method 019.01 | -- |
| 868 | 0.7900 | -.48 |
| 529 | 0.7900 | -.49 |
| 563 | 0.7851 | -.54 |
| 039 | 0.7819 | -.67 |
| 169 | 0.7750 | -.71 |
| 723 | 0.7550 | -1.05 |
| 588 | 0.7540 | -1.06 |
| 722 | 0.7519 | -1.10 |
| 018 | 0.7515 | -1.14 |
| 505 | 0.7500 | -1.14 |
| 612 | 0.7450 | -1.22 |
| 687 | 0.7450 | -1.22 |
| 178 | 0.7200 | -1.71 |
| 670 | 0.7100 | -1.81 |
| 233 | 0.6550 | -2.73 |
| -- | Method 019.02 | -- |
| 536 | 0.4300 S | .00 |
| -- | Method 019.03 | -- |
| 307 | 0.8550 | 1.24 |
| 686 | 0.8450 | 1.06 |
| 036 | 0.8425 | .62 |
| Avg | 0.8375 | |
| 043 | 0.8350 | -.23 |
| 026 | 0.8100 | -1.19 |
| -- | Method 019.05 | -- |
| 520 | 0.9600 s | 3.77 |
| 685 | 0.9550 s | 2.81 |
| 208 | 0.9160 | 2.05 |
| 265 | 0.9050 | 1.90 |
| 297 | 0.9000 | 1.84 |
| 098 | 0.8850 | 1.62 |
| 512 | 0.8855 | 1.51 |
| 226 | 0.8750 | 1.45 |
| 003 | 0.8650 | 1.14 |
| 550 | 0.8140 | .85 |
| 300 | 0.8310 | .60 |
| -- | Method 019.05 | -- |
| 610 | 0.8300 | .54 |
| 407 | 0.8200 | .49 |
| 242 | 0.8200 | .33 |
| 029 | 0.8179 | .30 |
| 011 | 0.8164 | .30 |
| 294 | 0.8150 | .26 |
| 413 | 0.8100 | .24 |
| 298 | 0.8100 | .24 |
| Avg | 0.8012 | |
| 004 | 0.8005 | -.10 |
| 629 | 0.7950 | -.14 |
| 164 | 0.7900 | -.27 |
| 100 | 0.7850 | -.30 |
| 148 | 0.7840 | -.32 |
| 425 | 0.7800 | -.38 |
| 695 | 0.7800 | -.38 |
| 026 | 0.7800 | -.38 |
| 661 | 0.7800 | -.42 |
| 171 | 0.7800 | -.42 |
| 019 | 0.7950 | -.46 |
| 089 | 0.7700 | -.56 |
| 229 | 0.7650 | -.65 |
| 358 | 0.7600 | -.73 |
| 083 | 0.7700 | -.77 |
| 074 | 0.7550 | -.87 |
| 598 | 0.7536 | -.95 |
| 144 | 0.7450 | -1.04 |
| 682 | 0.7400 | -1.09 |
| 553 | 0.7540 | -1.10 |
| 049 | 0.7750 R | -1.41 |
| 405 | 0.6850 | -2.07 |
| 511 | 0.6850 | -2.09 |
| -- | Method 019.08 | -- |
| 729 | 0.8750 | 1.21 |
| 590 | 0.8350 R | 1.15 |
| 673 | 0.8500 | .77 |
| 689 | 0.8400 | .33 |
| Avg | 0.8270 | |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 019.08 -- | |
| 629 | 0.7900 | -.93 |
| 848 | 0.7800 | -1.21 |
| -- | Method 019.09 -- | |
| 353 | 1.0150 S | 3.22 |
| 042 | 0.9835 S | 2.98 |
| 027 | 0.9480 | 2.23 |
| 278 | 0.9000 | 1.39 |
| 869 | 0.9000 | 1.35 |
| 202 | 0.8800 | 1.04 |
| 186 | 0.8635 | 1.01 |
| 106 | 0.8715 | .89 |
| 035 | 0.8700 | .86 |
| 160 | 0.8562 | .66 |
| 038 | 0.8490 | .62 |
| 021 | 0.8255 | .45 |
| 572 | 0.8215 | .45 |
| 726 | 0.8345 | .30 |
| 190 | 0.8200 | .17 |
| 187 | 0.8175 | .10 |
| Avg | 0.8167 | |
| 154 | 0.8082 | -.18 |
| 510 | 0.8050 | -.21 |
| 357 | 0.8000 | -.32 |
| 199 | 0.7950 | -.36 |
| 848 | 0.7950 | -.36 |
| 045 | 0.8095 | -.38 |
| 628 | 0.7850 | -.52 |
| 693 | 0.7850 | -.52 |
| 028 | 0.7850 | -.89 |
| 560 | 0.7695 | -.95 |
| 096 | 0.7450 | -1.29 |
| 616 | 0.7160 | -1.68 |
| 567 | 0.7100 | -1.74 |
| 037 | 0.7025 | -1.85 |
| 309 | 0.7050 R | -2.11 |
| 017 | 0.5265 s | -8.46 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 019.99 -- | |
| 588 | 1.7700 S | 11.44 |
| 665 | 0.9700 | 1.89 |
| 613 | 0.8450 | .38 |
| Avg | 0.8132 | |
| 047 | 0.8050 | -.43 |
| 852 | 0.7650 | -.58 |
| 121 | 0.7495 | -.77 |
| 692 | 0.7450 | -.82 |
| -- | Method 020.00 -- | |
| 722 | 8.5749 | .84 |
| Avg | 6.6124 | |
| 164 | 4.6500 | -.89 |
| -- | Method 020.01 -- | |
| 021 | 12.450 | 1.53 |
| 567 | 10.020 | .74 |
| 510 | 9.4250 | .51 |
| 096 | 8.5000 | .26 |
| 154 | 8.5500 | .23 |
| Avg | 7.8966 | |
| 011 | 6.7478 | -.38 |
| 171 | 4.5500 | -1.12 |
| 560 | 2.9300 | -1.68 |
| -- | Method 020.99 -- | |
| 616 | 9.3300 | .87 |
| Avg | 6.3050 | |
| 675 | 3.2800 | -.86 |
| -- | Method 021.01 -- | |
| 619 | 2.3700 | 1.50 |
| Avg | 1.9048 | |
| 689 | 1.8500 | -.24 |
| 722 | 1.7993 | -.47 |
| 164 | 1.6000 | -.98 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 021.02 -- | |
| 510 | 2.6350 s | 3.80 |
| 021 | 2.0000 | 1.51 |
| 038 | 2.0000 | 1.46 |
| 011 | 1.7873 | .68 |
| 567 | 1.7150 | .57 |
| 029 | 1.7450 | .53 |
| 154 | 1.6500 | .25 |
| Avg | 1.6019 | |
| 171 | 1.5000 | -.52 |
| 106 | 1.5500 | -.58 |
| 572 | 1.4000 | -.74 |
| 169 | 1.3950 | -.76 |
| 560 | 1.3100 | -1.22 |
| 693 | 1.1700 | -1.65 |
| 616 | 0.0000 s | -5.88 |
| -- | Method 021.99 -- | |
| 425 | 1.7000 | -.71 |
| -- | Method 022.01 -- | |
| 035 | 30.000 | 2.04 |
| 722 | 29.428 | 1.91 |
| 013 | 27.700 | 1.50 |
| 504 | 26.800 | 1.29 |
| 038 | 26.500 | 1.22 |
| 175 | 25.000 | .89 |
| 720 | 24.670 | .81 |
| 208 | 23.200 | .43 |
| 588 | 23.000 | .38 |
| 638 | 21.825 | .33 |
| 563 | 22.350 | .23 |
| 350 | 21.500 | .12 |
| Avg | 21.378 | |
| 731 | 20.750 | -.16 |
| 669 | 21.305 | -.17 |
| 675 | 19.905 | -.35 |
| 689 | 19.700 | -.40 |
| 868 | 19.650 | -.44 |
| 716 | 19.500 | -.46 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 022.01 -- | |
| 674 | 20.815 R | -.51 |
| 653 | 19.150 | -.65 |
| 305 | 18.285 | -.73 |
| 646 | 17.950 | -.81 |
| 307 | 18.750 R | -.82 |
| 591 | 17.885 | -.83 |
| 354 | 17.495 | -.92 |
| 505 | 17.500 | -.93 |
| 619 | 16.750 | -1.10 |
| 590 | 16.500 | -1.16 |
| 178 | 16.500 R | -1.30 |
| 529 | 12.900 | -2.01 |
| -- | Method 022.03 -- | |
| 520 | 28.500 | 1.97 |
| 265 | 28.000 | 1.85 |
| 297 | 28.000 | 1.82 |
| 208 | 27.300 | 1.66 |
| 226 | 24.500 | 1.13 |
| 512 | 24.180 | 1.03 |
| 682 | 23.600 | .91 |
| 300 | 19.805 R | .68 |
| 011 | 21.043 | .47 |
| 405 | 21.000 | .43 |
| 610 | 20.500 | .29 |
| 407 | 20.200 | .26 |
| 425 | 19.850 | .23 |
| 229 | 20.000 | .17 |
| 098 | 19.500 | .13 |
| Avg | 19.142 | |
| 029 | 17.685 | -.30 |
| 164 | 18.000 | -.31 |
| 171 | 17.600 | -.34 |
| 100 | 17.500 | -.35 |
| 003 | 17.300 | -.38 |
| 550 | 17.131 | -.43 |
| 026 | 16.350 | -.57 |
| 553 | 18.250 | -.59 |
| 629 | 15.900 | -.66 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 022.03 -- | |
| 242 | 16.000 | -.67 |
| 074 | 16.000 | -.76 |
| 083 | 15.500 | -.80 |
| 148 | 14.915 | -.86 |
| 358 | 14.755 | -.90 |
| 695 | 13.340 | -1.18 |
| 049 | 12.505 | -1.36 |
| 598 | 8.5000 | -2.23 |
| -- | Method 022.05 -- | |
| 042 | 35.800 R | 2.17 |
| 353 | 36.000 | 2.02 |
| 187 | 33.750 | 1.55 |
| 294 | 32.730 | 1.26 |
| 037 | 31.550 | 1.05 |
| 045 | 31.250 | .98 |
| 278 | 30.600 | .81 |
| 027 | 30.102 | .70 |
| 038 | 29.800 | .64 |
| 413 | 28.050 | .63 |
| 202 | 29.500 | .55 |
| 021 | 29.450 | .53 |
| 106 | 28.900 | .44 |
| 869 | 28.300 | .38 |
| 035 | 28.000 | .21 |
| 726 | 27.400 | .10 |
| 160 | 27.250 | .04 |
| Avg | 27.067 | |
| 190 | 25.715 | -.31 |
| 199 | 26.000 | -.33 |
| 693 | 25.600 | -.33 |
| 357 | 25.500 | -.37 |
| 616 | 25.750 | -.58 |
| 560 | 24.800 | -.74 |
| 572 | 23.850 | -.78 |
| 510 | 23.500 | -.80 |
| 096 | 23.500 | -.80 |
| 567 | 22.000 | -1.13 |
| 169 | 21.150 | -1.32 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 022.05 -- | |
| 309 | 21.420 R | -1.54 |
| 628 | 17.500 | -2.14 |
| 154 | 17.450 | -2.15 |
| -- | Method 022.99 -- | |
| 613 | 24.500 | 1.42 |
| 692 | 22.250 | .60 |
| Avg | 20.741 | |
| 846 | 19.835 | -.34 |
| 866 | 19.950 | -.35 |
| 121 | 17.171 | -1.37 |
| -- | Method 023.01 -- | |
| 619 | 0.0010 | .00 |
| -- | Method 025.01 -- | |
| 175 | 277.00 | 1.74 |
| 722 | 251.78 R | 1.28 |
| 720 | 259.05 | 1.23 |
| 689 | 253.65 | 1.07 |
| 591 | 248.39 | .91 |
| 035 | 244.50 | .80 |
| 675 | 241.17 | .70 |
| 350 | 234.50 | .50 |
| 208 | 234.00 | .50 |
| 868 | 231.10 | .41 |
| 563 | 230.20 | .38 |
| 596 | 225.50 | .27 |
| Avg | 217.18 | |
| 305 | 210.16 | -.21 |
| 619 | 208.00 | -.32 |
| 038 | 207.00 | -.33 |
| 656 | 202.54 | -.42 |
| 628 | 202.00 | -.44 |
| 307 | 199.50 | -.52 |
| 529 | 191.25 | -.75 |
| 504 | 165.50 | -1.50 |
| 670 | 158.85 | -1.69 |
| 505 | 137.00 | -2.33 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 025.03 -- | |
| 265 | 309.50 s | 4.62 |
| 029 | 270.15 s | 3.07 |
| 520 | 263.50 s | 2.78 |
| 208 | 263.50 | 2.34 |
| 098 | 250.50 R | 2.27 |
| 074 | 235.50 R | 1.64 |
| 682 | 245.78 | 1.62 |
| 550 | 229.00 | .94 |
| 011 | 229.76 | .91 |
| 049 | 219.48 | .73 |
| 004 | 225.00 | .67 |
| 297 | 223.50 | .62 |
| 100 | 220.00 | .49 |
| 242 | 218.50 | .46 |
| 229 | 219.00 | .41 |
| 695 | 218.12 | .41 |
| 610 | 217.50 | .40 |
| 083 | 215.50 | .35 |
| 425 | 214.00 | .28 |
| 148 | 211.80 | .14 |
| Avg | 209.52 | |
| 171 | 205.50 | -.19 |
| 300 | 206.60 | -.20 |
| 358 | 206.43 | -.34 |
| 629 | 197.00 | -.54 |
| 553 | 203.00 | -.59 |
| 226 | 200.00 | -.60 |
| 407 | 197.00 | -.62 |
| 405 | 195.00 | -.64 |
| 144 | 192.70 | -.73 |
| 026 | 188.50 | -.91 |
| 164 | 185.00 | -1.09 |
| 511 | 178.00 | -1.37 |
| 598 | 141.50 | -2.96 |
| 003 | 106.50 s | -4.47 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 025.05 -- | |
| 187 | 324.38 s | 3.86 |
| 042 | 295.50 s | 3.21 |
| 045 | 251.50 | 1.61 |
| 038 | 248.00 | 1.36 |
| 021 | 243.00 | 1.25 |
| 353 | 232.75 | .92 |
| 035 | 229.00 | .74 |
| 413 | 218.50 | .72 |
| 199 | 219.00 | .45 |
| 510 | 217.50 | .38 |
| 693 | 215.80 | .32 |
| 869 | 214.50 | .27 |
| Avg | 206.53 | |
| 106 | 204.50 | -.08 |
| 294 | 200.67 | -.25 |
| 096 | 195.00 | -.41 |
| 616 | 193.50 | -.44 |
| 154 | 189.00 | -.57 |
| 160 | 193.35 | -.68 |
| 567 | 184.00 | -.74 |
| 560 | 182.00 | -.81 |
| 169 | 177.50 | -.95 |
| 309 | 172.45 R | -1.45 |
| 278 | 121.50 | -2.79 |
| -- | Method 025.99 -- | |
| 692 | 342.00 S | 8.25 |
| 613 | 219.50 | .71 |
| Avg | 219.50 | |
| -- | Method 026.00 -- | |
| 154 | 0.0700 | .00 |
| -- | Method 026.99 -- | |
| 619 | 0.7910 | .71 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 027.01 -- | |
| 720 | 0.3000 s | 3.87 |
| 263 | 0.2703 | 1.60 |
| 609 | 0.2500 R | 1.53 |
| 868 | 0.2670 | 1.39 |
| 504 | 0.2660 | 1.27 |
| 142 | 0.2650 | 1.25 |
| 669 | 0.2650 | 1.25 |
| 591 | 0.2590 | .82 |
| 035 | 0.2600 | .80 |
| 305 | 0.2500 | .77 |
| 013 | 0.2565 | .64 |
| 169 | 0.2550 | .57 |
| 650 | 0.2526 | .51 |
| 065 | 0.2561 | .50 |
| 208 | 0.2555 | .47 |
| 563 | 0.2533 | .42 |
| 038 | 0.2510 | .40 |
| 590 | 0.2496 | .11 |
| 350 | 0.2500 | .04 |
| 307 | 0.2500 | .04 |
| 628 | 0.2500 | .04 |
| 638 | 0.2500 | .04 |
| Avg | 0.2495 | |
| 731 | 0.2465 | -.23 |
| 656 | 0.2450 | -.52 |
| 646 | 0.2450 | -.52 |
| 175 | 0.2450 | -.52 |
| 596 | 0.2400 | -.73 |
| 675 | 0.2400 | -.73 |
| 619 | 0.2410 | -.80 |
| 529 | 0.2300 | -1.49 |
| 505 | 0.2300 | -1.68 |
| 722 | 0.2218 | -2.12 |
| 588 | 0.2190 | -2.34 |
| -- | Method 027.03 -- | |
| 208 | 0.2940 s | 2.84 |
| 003 | 0.2900 s | 2.59 |
| 520 | 0.2750 s | 2.27 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 027.03 -- | |
| 265 | 0.2750 | 1.70 |
| 682 | 0.2700 | 1.49 |
| 294 | 0.2650 | 1.10 |
| 297 | 0.2650 | 1.10 |
| 098 | 0.2600 | .97 |
| 610 | 0.2600 | .74 |
| 413 | 0.2600 | .74 |
| 300 | 0.2595 | .71 |
| 011 | 0.2594 | .71 |
| 226 | 0.2500 | .63 |
| 004 | 0.2565 | .53 |
| 550 | 0.2515 | .46 |
| 512 | 0.2535 | .35 |
| 425 | 0.2500 | .13 |
| 144 | 0.2500 | .13 |
| Avg | 0.2467 | |
| 029 | 0.2468 | -.33 |
| 407 | 0.2445 | -.35 |
| 100 | 0.2450 | -.36 |
| 164 | 0.2450 | -.36 |
| 405 | 0.2450 | -.36 |
| 148 | 0.2420 | -.37 |
| 171 | 0.2420 | -.39 |
| 074 | 0.2400 | -.49 |
| 695 | 0.2400 | -.49 |
| 242 | 0.2400 | -.49 |
| 598 | 0.2397 | -.60 |
| 026 | 0.2370 | -.69 |
| 049 | 0.2400 | -.79 |
| 229 | 0.2350 | -.85 |
| 083 | 0.2350 | -.85 |
| 553 | 0.2315 | -1.09 |
| 358 | 0.2200 | -1.72 |
| 629 | 0.2188 | -1.80 |
| 511 | 0.2150 | -2.05 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 027.05 -- | |
| 616 | 0.4875 s | 14.25 |
| 042 | 0.2810 | 1.89 |
| 353 | 0.2750 | 1.45 |
| 202 | 0.2750 | 1.45 |
| 160 | 0.2712 | 1.26 |
| 027 | 0.2670 | 1.00 |
| 186 | 0.2570 | .79 |
| 045 | 0.2575 | .73 |
| 035 | 0.2600 | .51 |
| 278 | 0.2600 | .51 |
| 190 | 0.2550 | .37 |
| 199 | 0.2550 | .37 |
| 869 | 0.2550 | .37 |
| 106 | 0.2570 | .33 |
| 021 | 0.2520 | .30 |
| 572 | 0.2560 | .28 |
| Avg | 0.2515 | |
| 726 | 0.2515 | -.03 |
| 693 | 0.2500 | -.09 |
| 154 | 0.2456 | -.36 |
| 357 | 0.2450 | -.49 |
| 187 | 0.2424 | -.56 |
| 560 | 0.2440 | -.66 |
| 038 | 0.2415 | -.69 |
| 510 | 0.2400 | -.69 |
| 096 | 0.2300 | -1.29 |
| 567 | 0.2250 | -1.62 |
| 037 | 0.2200 | -1.91 |
| 309 | 0.2220 | -1.93 |
| -- | Method 027.99 -- | |
| 613 | 0.2700 | 1.33 |
| Avg | 0.2578 | |
| 121 | 0.2535 | -.53 |
| 692 | 0.2500 | -.66 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 028.01 -- | |
| 722 | 146.59 s | 5.91 |
| 035 | 109.50 | 2.00 |
| 038 | 106.00 | 1.67 |
| 596 | 100.50 R | 1.67 |
| 175 | 105.00 | 1.54 |
| 208 | 102.00 | 1.24 |
| 563 | 97.460 | .77 |
| 178 | 90.500 R | .66 |
| 675 | 94.730 | .53 |
| 731 | 93.775 | .41 |
| 669 | 92.670 | .33 |
| 619 | 91.600 | .30 |
| 868 | 91.500 | .20 |
| 305 | 91.425 | .16 |
| Avg | 89.851 | |
| 590 | 89.050 | -.13 |
| 588 | 86.000 | -.39 |
| 307 | 87.850 | -.43 |
| 628 | 85.500 | -.44 |
| 720 | 85.305 | -.46 |
| 529 | 85.300 | -.46 |
| 656 | 84.865 | -.51 |
| 505 | 83.500 | -.65 |
| 629 | 83.000 | -.70 |
| 716 | 75.000 | -1.52 |
| 350 | 74.000 | -1.61 |
| 504 | 71.550 | -1.86 |
| -- | Method 028.02 -- | |
| 689 | 89.550 | -.71 |
| -- | Method 028.03 -- | |
| 208 | 118.50 | 2.86 |
| 550 | 106.51 | 1.72 |
| 520 | 103.00 R | 1.71 |
| 297 | 105.50 | 1.55 |
| 265 | 104.00 | 1.41 |
| 226 | 101.00 | 1.14 |
| 003 | 98.000 | .83 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 028.03 -- | |
| 098 | 97.000 | .73 |
| 011 | 96.390 | .70 |
| 682 | 95.730 | .58 |
| 300 | 92.330 | .57 |
| 100 | 93.000 | .36 |
| 512 | 91.695 | .17 |
| 029 | 90.840 | .08 |
| 242 | 90.500 | .07 |
| Avg | 90.015 | |
| 610 | 89.500 | -.07 |
| 144 | 89.350 | -.20 |
| 164 | 87.500 | -.26 |
| 229 | 87.500 | -.26 |
| 148 | 87.225 | -.29 |
| 553 | 86.950 | -.35 |
| 407 | 86.880 | -.36 |
| 004 | 86.000 | -.40 |
| 171 | 85.500 | -.46 |
| 425 | 85.250 | -.49 |
| 083 | 85.500 | -.57 |
| 074 | 83.500 | -.70 |
| 026 | 82.700 | -.74 |
| 358 | 81.970 | -.81 |
| 405 | 82.000 | -.81 |
| 049 | 80.955 | -1.01 |
| 511 | 78.000 | -1.21 |
| 695 | 72.730 | -1.73 |
| 598 | 70.500 | -1.96 |
| -- | Method 028.05 -- | |
| 616 | 196.50 s | 8.20 |
| 186 | 132.50 | 2.45 |
| 042 | 118.00 | 1.13 |
| 037 | 115.50 | .90 |
| 160 | 115.00 | .88 |
| 353 | 114.35 | .85 |
| 106 | 114.00 | .79 |
| 726 | 112.65 | .65 |
| 572 | 109.00 | .62 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 028.05 -- | |
| 027 | 111.01 | .60 |
| 510 | 111.50 | .54 |
| 869 | 109.50 | .43 |
| 035 | 110.00 | .41 |
| 202 | 110.00 | .41 |
| 294 | 109.47 | .37 |
| 021 | 106.00 | .27 |
| 190 | 107.37 | .18 |
| Avg | 105.44 | |
| 278 | 105.00 | -.10 |
| 357 | 104.00 | -.13 |
| 560 | 102.50 | -.34 |
| 187 | 101.29 | -.37 |
| 038 | 103.00 | -.42 |
| 096 | 100.00 | -.49 |
| 045 | 98.700 | -.60 |
| 567 | 99.000 | -.64 |
| 413 | 99.450 R | -.79 |
| 693 | 96.000 | -.84 |
| 309 | 92.035 | -1.29 |
| 154 | 90.000 | -1.38 |
| 169 | 81.750 | -2.12 |
| 629 | 78.500 | -2.41 |
| -- | Method 028.99 -- | |
| 121 | 103.94 | 1.16 |
| 613 | 99.000 | .68 |
| Avg | 92.083 | |
| 692 | 83.500 | -.84 |
| 846 | 81.895 | -.99 |
| -- | Method 029.00 -- | |
| 021 | 0.0325 | -.71 |
| -- | Method 029.99 -- | |
| 866 | 0.0060 | .71 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 031.01 -- | |
| 621 | 0.5350 s | 4.77 |
| 626 | 0.4400 R | 2.96 |
| 609 | 0.4950 | 2.75 |
| 035 | 0.4900 | 2.49 |
| 108 | 0.4650 R | 1.76 |
| 263 | 0.4658 | 1.30 |
| 152 | 0.4650 | 1.28 |
| 001 | 0.4565 | 1.20 |
| 638 | 0.4600 | 1.13 |
| 674 | 0.4500 | 1.11 |
| 728 | 0.4550 | 1.06 |
| 619 | 0.4575 | 1.00 |
| 563 | 0.4561 | .85 |
| 669 | 0.4550 | .80 |
| 731 | 0.4550 | .80 |
| 175 | 0.4500 | .72 |
| 647 | 0.4500 | .72 |
| 018 | 0.4535 | .69 |
| 205 | 0.4505 | .61 |
| 675 | 0.4500 | .52 |
| 716 | 0.4400 | .49 |
| 867 | 0.4400 | .49 |
| 665 | 0.4450 | .37 |
| 868 | 0.4425 | .31 |
| 036 | 0.4455 | .30 |
| 670 | 0.4400 | .02 |
| 629 | 0.4400 | .02 |
| 350 | 0.4400 | .02 |
| 646 | 0.4400 | .02 |
| Avg | 0.4395 | |
| 065 | 0.4388 | -.05 |
| 596 | 0.4350 | -.33 |
| 687 | 0.4350 | -.33 |
| 653 | 0.4305 | -.44 |
| 233 | 0.4300 | -.47 |
| 623 | 0.4369 | -.65 |
| 305 | 0.4300 | -.68 |
| 588 | 0.4245 | -.74 |
| 142 | 0.4250 | -.76 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 031.01 | -- |
| 354 | 0.4250 | -.76 |
| 723 | 0.4250 | -.76 |
| 529 | 0.4250 | -.76 |
| 651 | 0.4230 | -.82 |
| 038 | 0.4215 | -.91 |
| 656 | 0.4200 | -.96 |
| 169 | 0.4200 | -.96 |
| 848 | 0.4250 | -1.03 |
| 026 | 0.4200 | -1.08 |
| 194 | 0.4150 | -1.23 |
| 039 | 0.4160 | -1.30 |
| 622 | 0.4118 | -1.37 |
| 511 | 0.4100 | -1.54 |
| 689 | 0.4050 | -1.72 |
| 178 | 0.4150 R | -2.11 |
| 650 | 0.3200 s | -5.92 |
| -- | Method 031.02 | -- |
| 505 | 0.4350 | 1.47 |
| 011 | 0.4372 | .42 |
| Avg | 0.4341 | |
| 043 | 0.4300 | -.40 |
| -- | Method 031.03 | -- |
| 504 | 0.4983 s | 6.55 |
| 307 | 0.4450 | 1.36 |
| 036 | 0.4400 | .84 |
| Avg | 0.4317 | |
| 043 | 0.4250 | -.80 |
| 026 | 0.4250 | -.80 |
| 208 | 0.4235 | -.82 |
| -- | Method 031.05 | -- |
| 208 | 0.5330 s | 3.95 |
| 353 | 0.5150 s | 3.27 |
| 028 | 0.4850 S | 2.23 |
| 160 | 0.4897 | 2.20 |
| 685 | 0.4850 | 2.07 |
| 106 | 0.4865 | 2.04 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 031.05 | -- |
| 520 | 0.4550 R | 1.99 |
| 300 | 0.4797 | 1.82 |
| 265 | 0.4750 | 1.68 |
| 003 | 0.4750 | 1.58 |
| 045 | 0.4665 | 1.55 |
| 610 | 0.4700 | 1.36 |
| 098 | 0.4700 | 1.36 |
| 869 | 0.4650 | 1.31 |
| 027 | 0.4565 | .84 |
| 572 | 0.4570 | .84 |
| 074 | 0.4400 | .83 |
| 004 | 0.4570 | .83 |
| 202 | 0.4550 | .77 |
| 042 | 0.4555 | .77 |
| 038 | 0.4385 | .72 |
| 358 | 0.4450 | .70 |
| 035 | 0.4500 | .54 |
| 598 | 0.4415 | .51 |
| 190 | 0.4400 | .43 |
| 405 | 0.4400 | .43 |
| 294 | 0.4450 | .39 |
| 425 | 0.4450 | .39 |
| 510 | 0.4450 | .39 |
| 512 | 0.4463 | .39 |
| 297 | 0.4400 | .13 |
| 726 | 0.4395 | .11 |
| 029 | 0.4386 | .07 |
| Avg | 0.4368 | |
| 413 | 0.4350 | -.22 |
| 171 | 0.4350 | -.22 |
| 661 | 0.4315 | -.26 |
| 629 | 0.4300 | -.28 |
| 164 | 0.4300 | -.28 |
| 096 | 0.4300 | -.28 |
| 168 | 0.4295 | -.30 |
| 021 | 0.4320 | -.38 |
| 226 | 0.4300 | -.50 |
| 049 | 0.4300 | -.50 |
| 298 | 0.4300 | -.50 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 031.05 | -- |
| 199 | 0.4250 | -.53 |
| 242 | 0.4250 | -.53 |
| 083 | 0.4250 | -.53 |
| 100 | 0.4250 | -.53 |
| 560 | 0.4365 | -.55 |
| 148 | 0.4230 | -.57 |
| 187 | 0.4225 | -.59 |
| 682 | 0.4200 | -.69 |
| 628 | 0.4200 | -.69 |
| 695 | 0.4200 | -.69 |
| 848 | 0.4250 | -.78 |
| 693 | 0.4200 | -.80 |
| 357 | 0.4200 | -.80 |
| 278 | 0.4150 | -.92 |
| 017 | 0.4150 | -.92 |
| 229 | 0.4150 | -.92 |
| 407 | 0.4150 | -.92 |
| 616 | 0.4240 | -.98 |
| 144 | 0.4200 | -1.07 |
| 019 | 0.4150 | -1.09 |
| 089 | 0.4100 | -1.10 |
| 550 | 0.4270 R | -1.22 |
| 553 | 0.4100 | -1.24 |
| 567 | 0.4000 | -1.51 |
| 121 | 0.3905 | -1.92 |
| 154 | 0.3777 | -2.43 |
| 309 | 0.3755 S | -2.66 |
| 037 | 0.3620 S | -3.07 |
| -- | Method 031.06 | -- |
| 536 | 0.4450 | .82 |
| Avg | 0.4150 | |
| 686 | 0.3850 | -.91 |
| -- | Method 031.99 | -- |
| 631 | 0.7050 s | 10.93 |
| 729 | 0.4850 | 2.11 |
| 613 | 0.4450 | .45 |
| 673 | 0.4400 | .19 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 031.99 | -- |
| Avg | 0.4352 | |
| 852 | 0.4350 | -.20 |
| 590 | 0.4350 | -.20 |
| 692 | 0.4200 | -.62 |
| 552 | 0.4200 | -.62 |
| 047 | 0.4150 R | -1.30 |
| 588 | 0.4015 | -1.41 |
| -- | Method 032.01 | -- |
| 529 | 1.5900 s | 7.07 |
| 656 | 1.3250 S | 3.69 |
| 036 | 1.1510 | 1.48 |
| 175 | 1.1250 | 1.14 |
| 612 | 1.1200 | 1.08 |
| 675 | 1.1150 | 1.03 |
| 505 | 1.1150 | 1.01 |
| 563 | 1.1145 | 1.01 |
| 619 | 1.1100 | .96 |
| 001 | 1.0955 | .80 |
| 208 | 1.0950 | .76 |
| 307 | 1.0750 | .54 |
| 205 | 1.0700 | .46 |
| 065 | 1.0571 | .27 |
| 038 | 1.0550 | .25 |
| 035 | 1.0450 | .23 |
| 628 | 1.0500 | .22 |
| 098 | 1.0400 | .14 |
| Avg | 1.0357 | |
| 350 | 1.0300 | -.07 |
| 720 | 1.0200 | -.20 |
| 305 | 1.0350 R | -.32 |
| 142 | 1.0000 | -.45 |
| 609 | 0.9900 | -.60 |
| 629 | 0.9900 | -.60 |
| 004 | 0.9495 | -1.10 |
| 868 | 0.9490 | -1.11 |
| 596 | 0.9400 | -1.22 |
| 019 | 0.9150 | -1.54 |
| 670 | 0.8815 | -1.97 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 032.01 | -- |
| 650 | 0.8650 | -2.18 |
| -- | Method 032.02 | -- |
| 665 | 1.2200 | 1.70 |
| 669 | 1.1650 | 1.03 |
| 504 | 1.1400 | .77 |
| Avg | 1.0804 | |
| 716 | 1.0550 | -.32 |
| 169 | 1.0550 | -.32 |
| 590 | 1.0600 R | -.44 |
| 108 | 1.0150 | -.80 |
| 588 | 1.0000 | -.98 |
| 731 | 0.9930 | -1.07 |
| -- | Method 032.04 | -- |
| 638 | 1.0800 | .00 |
| -- | Method 032.05 | -- |
| 405 | 1.4350 s | 4.97 |
| 265 | 1.2550 s | 4.13 |
| 160 | 1.2008 | 1.96 |
| 560 | 1.1950 | 1.86 |
| 572 | 1.1700 | 1.53 |
| 026 | 1.1400 R | 1.38 |
| 226 | 1.1500 | 1.32 |
| 106 | 1.1450 | 1.20 |
| 695 | 1.1450 | 1.20 |
| 027 | 1.1430 | 1.19 |
| 202 | 1.1400 | 1.13 |
| 294 | 1.1350 | 1.07 |
| 353 | 1.1300 | 1.01 |
| 610 | 1.1300 | 1.00 |
| 021 | 1.1135 | .81 |
| 042 | 1.1150 | .81 |
| 726 | 1.1140 | .80 |
| 278 | 1.1100 | .79 |
| 038 | 1.1000 | .66 |
| 199 | 1.1000 | .66 |
| 028 | 1.0950 | .64 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 032.05 -- | |
| 297 | 1.1000 | .63 |
| 190 | 1.0850 | .62 |
| 096 | 1.1000 | .61 |
| 682 | 1.1000 | .61 |
| 300 | 1.0925 | .57 |
| 010 | 1.0850 | .53 |
| 208 | 1.0935 | .53 |
| 186 | 1.0840 | .51 |
| 168 | 1.0850 | .42 |
| 869 | 1.0850 | .42 |
| 512 | 1.0840 | .40 |
| 567 | 1.0750 | .35 |
| 616 | 1.0750 | .29 |
| 685 | 1.0650 | .17 |
| Avg | 1.0530 | |
| 187 | 1.0461 | -.09 |
| 045 | 1.0450 | -.12 |
| 693 | 1.0450 | -.12 |
| 357 | 1.0450 | -.12 |
| 011 | 1.0413 | -.16 |
| 148 | 1.0280 | -.33 |
| 510 | 1.0250 | -.37 |
| 425 | 1.0250 | -.37 |
| 100 | 1.0250 | -.41 |
| 154 | 1.0239 | -.44 |
| 407 | 1.0300 | -.49 |
| 029 | 1.0140 | -.54 |
| 358 | 1.0100 | -.57 |
| 242 | 1.0100 | -.57 |
| 520 | 1.0500 R | -.65 |
| 171 | 0.9970 | -.73 |
| 164 | 1.0000 | -.74 |
| 037 | 0.9955 | -.75 |
| 229 | 0.9950 | -.76 |
| 083 | 0.9950 | -.76 |
| 017 | 1.0000 | -.79 |
| 629 | 0.9850 | -.89 |
| 035 | 0.9750 | -1.02 |
| 144 | 0.9750 | -1.07 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 032.05 -- | |
| 413 | 0.9700 | -1.09 |
| 309 | 0.9676 | -1.11 |
| 553 | 0.9605 | -1.21 |
| 550 | 0.9450 | -1.42 |
| 511 | 0.9300 | -1.60 |
| 003 | 0.8800 | -2.25 |
| 598 | 0.8582 | -2.54 |
| 049 | 0.8550 | -2.60 |
| -- | Method 032.99 -- | |
| 613 | 1.1550 | .99 |
| 588 | 1.0705 | .12 |
| Avg | 1.0585 | |
| 047 | 0.9500 | -1.23 |
| 692 | 0.2500 S | -8.01 |
| -- | Method 033.00 -- | |
| 017 | 1.5750 s | 13.45 |
| 539 | 1.0150 s | 3.94 |
| 297 | 0.9300 | 2.51 |
| 353 | 0.8550 R | 1.38 |
| 588 | 0.8600 | 1.33 |
| 596 | 0.8450 | 1.08 |
| 208 | 0.8405 | 1.02 |
| 567 | 0.8300 | .97 |
| 689 | 0.8350 | .95 |
| 675 | 0.8300 | .84 |
| 298 | 0.8200 | .68 |
| 309 | 0.8038 | .45 |
| 160 | 0.7925 | .34 |
| 693 | 0.7950 | .25 |
| 045 | 0.7900 | .23 |
| 653 | 0.7885 | .13 |
| Avg | 0.7807 | |
| 695 | 0.7650 | -.28 |
| 723 | 0.7550 | -.44 |
| 034 | 0.7450 | -.61 |
| 013 | 0.7500 | -.62 |
| 504 | 0.7450 | -.65 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 033.00 -- | |
| 868 | 0.7370 | -.73 |
| 407 | 0.7300 | -.85 |
| 638 | 0.7150 | -1.13 |
| 716 | 0.7100 | -1.20 |
| 731 | 0.7100 | -1.20 |
| 511 | 0.7000 | -1.35 |
| 628 | 0.6950 | -1.44 |
| -- | Method 033.01 -- | |
| 650 | 0.9000 | 2.78 |
| 194 | 0.8650 | 1.62 |
| 202 | 0.8500 | 1.17 |
| 205 | 0.8440 | .97 |
| 100 | 0.8350 | .80 |
| 413 | 0.8400 | .79 |
| 242 | 0.8300 | .46 |
| 278 | 0.8300 | .46 |
| 021 | 0.8200 | .35 |
| 629 | 0.8250 | .34 |
| 229 | 0.8250 | .34 |
| 510 | 0.8200 | .13 |
| 175 | 0.8200 | .13 |
| 026 | 0.8200 | .13 |
| Avg | 0.8159 | |
| 559 | 0.8150 | -.17 |
| 425 | 0.8100 | -.19 |
| 098 | 0.8100 | -.19 |
| 686 | 0.8100 | -.38 |
| 096 | 0.8050 | -.39 |
| 164 | 0.8000 | -.52 |
| 226 | 0.7950 | -.71 |
| 199 | 0.7950 | -.71 |
| 029 | 0.7950 | -.71 |
| 042 | 0.7950 | -.71 |
| 106 | 0.8010 | -.77 |
| 610 | 0.8150 | -.82 |
| 011 | 0.7763 | -1.31 |
| 354 | 0.7750 | -1.35 |
| 178 | 0.7700 R | -2.00 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 033.01 -- | |
| 004 | 0.7650 R | -2.03 |
| 590 | 0.7400 | -2.51 |
| 674 | 0.7800 s | -2.88 |
| 307 | 0.4000 s | -13.64 |
| -- | Method 033.03 -- | |
| 848 | 1.8250 S | 13.99 |
| 598 | 0.8500 | 1.38 |
| 505 | 0.7700 | .43 |
| 265 | 0.7500 | .09 |
| Avg | 0.7430 | |
| 190 | 0.7150 | -.49 |
| 726 | 0.6300 | -1.47 |
| 144 | 0.4250 S | -4.12 |
| -- | Method 033.05 -- | |
| 171 | 0.8000 | .71 |
| -- | Method 033.99 -- | |
| 861 | 0.9900 | 1.50 |
| 673 | 0.9000 | .85 |
| 869 | 0.8800 | .71 |
| 552 | 0.8550 | .53 |
| 083 | 0.8200 | .40 |
| 855 | 0.8000 | .25 |
| Avg | 0.8095 | |
| 619 | 0.7555 | -.22 |
| 003 | 0.6700 | -.81 |
| 358 | 0.6150 | -1.20 |
| 121 | 0.5265 S | -1.83 |
| -- | Method 034.01 -- | |
| 638 | 0.4400 | .20 |
| Avg | 0.4375 | |
| 038 | 0.4350 | -1.21 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 034.04 -- | |
| 208 | 0.4825 | 1.17 |
| 026 | 0.4500 | .87 |
| 171 | 0.3850 X | .32 |
| Avg | 0.3653 | |
| 164 | 0.3450 | -.21 |
| 169 | 0.3400 | -.39 |
| 619 | 0.1895 | -1.76 |
| -- | Method 034.05 -- | |
| 682 | 4.5200 S | 33.44 |
| 693 | 2.6000 S | 22.53 |
| 560 | 0.5860 | 1.21 |
| Avg | 0.4387 | |
| 154 | 0.3800 | -.52 |
| 567 | 0.3500 | -.88 |
| -- | Method 034.99 -- | |
| 047 | 0.5100 | 1.54 |
| Avg | 0.4378 | |
| 508 | 0.4211 | -.39 |
| 098 | 0.4200 | -.57 |
| 096 | 0.4000 | -.81 |
| -- | Method 035.00 -- | |
| 004 | 0.5140 s | 10.04 |
| 263 | 0.3062 | 1.82 |
| 596 | 0.3000 | 1.62 |
| 152 | 0.2950 | 1.39 |
| 035 | 0.2900 | 1.18 |
| 505 | 0.2800 | .88 |
| 175 | 0.2800 | .88 |
| 142 | 0.2750 | .84 |
| 065 | 0.2787 | .75 |
| 720 | 0.2750 | .63 |
| 350 | 0.2700 | .56 |
| 038 | 0.2635 | .20 |
| 307 | 0.2600 | .01 |
| Avg | 0.2597 | |
| 205 | 0.2580 | -.07 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 035.00 -- | |
| 591 | 0.2575 | -.09 |
| 619 | 0.2560 | -.15 |
| 233 | 0.2500 | -.38 |
| 529 | 0.2495 | -.40 |
| 305 | 0.2500 | -.54 |
| 722 | 0.2455 | -.56 |
| 670 | 0.2455 | -.57 |
| 208 | 0.2430 | -.71 |
| 675 | 0.2350 | -.98 |
| 609 | 0.2350 | -.98 |
| 656 | 0.2300 | -1.16 |
| 868 | 0.2185 | -1.64 |
| 650 | 0.2050 | -2.21 |
| -- | Method 035.01 -- | |
| 686 | 0.2850 | 1.10 |
| Avg | 0.2826 | |
| 563 | 0.2801 | -.54 |
| -- | Method 035.02 -- | |
| 638 | 0.2550 | .71 |
| -- | Method 035.03 -- | |
| 004 | 0.4200 s | 7.45 |
| 187 | 0.3188 | 2.85 |
| 202 | 0.2950 | 1.78 |
| 042 | 0.2870 | 1.54 |
| 407 | 0.2885 | 1.49 |
| 160 | 0.2872 | 1.45 |
| 353 | 0.2850 | 1.33 |
| 186 | 0.2840 | 1.27 |
| 208 | 0.2805 | 1.11 |
| 297 | 0.2800 | 1.09 |
| 520 | 0.2650 | .79 |
| 572 | 0.2660 | .71 |
| 045 | 0.2655 | .67 |
| 278 | 0.2700 | .63 |
| 610 | 0.2700 | .63 |
| 695 | 0.2700 | .63 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 035.03 -- | |
| 512 | 0.2681 | .56 |
| 265 | 0.2600 | .49 |
| 242 | 0.2600 | .49 |
| 003 | 0.2650 | .46 |
| 098 | 0.2650 | .46 |
| 300 | 0.2635 | .39 |
| 038 | 0.2625 | .36 |
| 011 | 0.2610 | .25 |
| 726 | 0.2610 | .22 |
| 021 | 0.2600 | .18 |
| 190 | 0.2600 | .18 |
| 869 | 0.2600 | .18 |
| Avg | 0.2561 | |
| 154 | 0.2543 | -.16 |
| 029 | 0.2524 | -.20 |
| 096 | 0.2550 | -.23 |
| 682 | 0.2550 | -.23 |
| 425 | 0.2550 | -.23 |
| 226 | 0.2550 | -.23 |
| 199 | 0.2550 | -.23 |
| 100 | 0.2550 | -.23 |
| 628 | 0.2500 | -.28 |
| 089 | 0.2450 | -.55 |
| 693 | 0.2450 | -.55 |
| 148 | 0.2435 | -.59 |
| 550 | 0.2430 | -.60 |
| 358 | 0.2400 | -.73 |
| 164 | 0.2400 | -.73 |
| 035 | 0.2400 | -.73 |
| 510 | 0.2390 | -.78 |
| 616 | 0.2395 | -.92 |
| 229 | 0.2350 | -.98 |
| 567 | 0.2350 | -.98 |
| 413 | 0.2350 | -.98 |
| 083 | 0.2350 | -.98 |
| 144 | 0.2550 R | -1.14 |
| 298 | 0.2300 | -1.27 |
| 405 | 0.2250 | -1.43 |
| 309 | 0.2261 | -1.49 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 035.03 -- | |
| 598 | 0.2216 | -1.62 |
| 661 | 0.2170 | -1.80 |
| 049 | 0.2050 | -2.42 |
| 511 | 0.1750 s | -3.85 |
| -- | Method 035.05 -- | |
| 106 | 0.3750 s | 5.70 |
| 665 | 0.3350 S | 3.70 |
| 669 | 0.3050 | 2.21 |
| 504 | 0.2820 | 1.11 |
| 169 | 0.2750 | .75 |
| 294 | 0.2700 | .45 |
| 108 | 0.2650 | .32 |
| Avg | 0.2609 | |
| 590 | 0.2600 | -.05 |
| 560 | 0.2565 | -.52 |
| 171 | 0.2500 | -.60 |
| 716 | 0.2460 | -.75 |
| 588 | 0.2440 | -.85 |
| 731 | 0.2425 | -.93 |
| 629 | 0.2350 | -1.32 |
| -- | Method 035.99 -- | |
| 613 | 0.2850 | .94 |
| Avg | 0.2775 | |
| 692 | 0.2700 | -.78 |
| -- | Method 036.00 -- | |
| 307 | 0.2450 | .71 |
| -- | Method 036.03 -- | |
| 171 | 0.3990 s | 5.46 |
| 154 | 0.3102 | 2.42 |
| 353 | 0.2750 | 1.30 |
| 042 | 0.2630 | .84 |
| 550 | 0.2625 | .78 |
| 021 | 0.2555 | .64 |
| 708 | 0.2575 | .62 |
| 187 | 0.2557 | .54 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 036.03 -- | |
| 186 | 0.2495 | .39 |
| 106 | 0.2505 | .37 |
| 202 | 0.2500 | .34 |
| 038 | 0.2410 | .31 |
| Avg | 0.2402 | |
| 160 | 0.2379 | -.10 |
| 294 | 0.2350 | -.25 |
| 278 | 0.2350 | -.25 |
| 510 | 0.2350 | -.25 |
| 560 | 0.2340 | -.40 |
| 357 | 0.2200 | -.69 |
| 693 | 0.2200 | -.69 |
| 045 | 0.2220 | -.70 |
| 169 | 0.2100 | -1.04 |
| 616 | 0.1845 | -1.95 |
| 265 | 0.1800 | -2.10 |
| -- | Method 036.04 -- | |
| 226 | 0.2400 | .71 |
| -- | Method 037.01 -- | |
| 013 | 119.00 R | 2.35 |
| 722 | 114.97 | 1.97 |
| 035 | 112.50 | 1.75 |
| 504 | 107.40 R | 1.47 |
| 505 | 108.00 | 1.38 |
| 669 | 103.66 | 1.04 |
| 038 | 104.00 | 1.04 |
| 208 | 103.50 | 1.00 |
| 591 | 102.75 | .94 |
| 350 | 99.000 | .64 |
| 563 | 98.895 | .61 |
| 305 | 94.190 | .22 |
| 638 | 93.650 | .17 |
| 588 | 93.000 | .12 |
| Avg | 91.596 | |
| 590 | 90.700 | -.08 |
| 868 | 90.700 | -.13 |
| 656 | 88.160 | -.30 |

| Lab | Average* | Index |
|---|---|---|
| -- | Method 037.01 -- | |
| 653 | 89.375 | -.40 |
| 689 | 86.550 | -.43 |
| 307 | 85.600 | -.50 |
| 354 | 85.350 | -.52 |
| 731 | 84.450 | -.62 |
| 619 | 83.750 | -.66 |
| 716 | 83.500 | -.68 |
| 175 | 82.000 | -.82 |
| 675 | 81.245 | -.87 |
| 178 | 83.500 R | -.98 |
| 596 | 75.000 | -1.40 |
| 529 | 70.600 | -1.77 |
| 674 | 68.010 | -1.98 |
| -- | Method 037.03 -- | |
| 553 | 2580.0 s | 158.83 |
| 003 | 154.50 s | 4.40 |
| 297 | 121.50 | 2.14 |
| 520 | 113.00 R | 1.77 |
| 208 | 114.00 | 1.66 |
| 265 | 112.00 | 1.53 |
| 011 | 107.84 | 1.26 |
| 226 | 104.00 | 1.03 |
| 098 | 103.00 | 1.01 |
| 512 | 101.65 | .91 |
| 682 | 101.07 | .85 |
| 004 | 98.000 | .65 |
| 229 | 96.000 | .51 |
| 029 | 94.755 | .49 |
| 168 | 91.500 | .22 |
| 610 | 89.000 | .20 |
| 100 | 90.500 | .16 |
| 148 | 88.240 | .02 |
| Avg | 88.020 | |
| 358 | 85.805 | -.15 |
| 144 | 85.250 | -.18 |
| 407 | 84.850 | -.24 |
| 026 | 84.250 | -.24 |
| 164 | 83.000 | -.32 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 037.03 -- | |
| 405 | 83.500 | -.33 |
| 550 | 81.180 | -.44 |
| 074 | 83.500 | -.45 |
| 300 | 80.775 | -.46 |
| 171 | 78.500 | -.61 |
| 083 | 78.500 | -.65 |
| 049 | 79.800 R | -.71 |
| 242 | 75.500 | -.80 |
| 629 | 73.550 | -.92 |
| 425 | 68.050 | -1.28 |
| 695 | 66.360 | -1.38 |
| 511 | 58.500 | -1.88 |
| 598 | 52.500 | -2.28 |
| -- | Method 037.05 -- | |
| 616 | 210.50 s | 9.71 |
| 186 | 176.50 s | 6.62 |
| 042 | 132.00 R | 2.74 |
| 106 | 128.50 | 2.33 |
| 628 | 127.00 | 2.07 |
| 038 | 123.00 R | 1.97 |
| 413 | 111.40 R | 1.24 |
| 353 | 115.10 | 1.02 |
| 037 | 113.50 | .85 |
| 160 | 111.20 | .69 |
| 035 | 110.00 | .54 |
| 021 | 109.50 | .49 |
| 202 | 109.50 | .49 |
| 294 | 108.59 | .42 |
| 869 | 107.50 | .38 |
| 190 | 108.26 | .38 |
| 187 | 106.40 | .21 |
| 726 | 106.15 | .19 |
| Avg | 104.06 | |
| 278 | 102.40 | -.15 |
| 357 | 101.50 | -.23 |
| 510 | 99.000 | -.46 |
| 693 | 98.500 | -.50 |
| 096 | 96.500 | -.69 |
| -- | Method 037.05 -- | |
| 560 | 96.150 | -.79 |
| 045 | 97.100 | -.82 |
| 572 | 93.900 | -.91 |
| 199 | 93.000 | -1.03 |
| 567 | 91.000 | -1.18 |
| 154 | 88.000 | -1.45 |
| 169 | 83.250 | -1.88 |
| 309 | 84.685 R | -2.05 |
| -- | Method 037.99 -- | |
| 613 | 114.50 | 1.21 |
| 866 | 105.37 | .65 |
| Avg | 97.287 | |
| 692 | 86.850 | -.73 |
| 846 | 82.430 | -1.04 |
| -- | Method 038.00 -- | |
| 278 | 3.1000 | 2.18 |
| 011 | 2.1705 R | 1.52 |
| 693 | 1.9000 | .69 |
| 510 | 1.9500 | .35 |
| 038 | 1.7500 | .08 |
| Avg | 1.7358 | |
| 021 | 1.7000 | -.06 |
| 029 | 1.7050 | -.16 |
| 154 | 1.5500 | -.31 |
| 106 | 1.0500 | -1.10 |
| 560 | 0.9170 | -1.33 |
| -- | Method 038.99 -- | |
| 164 | 2.0000 | .00 |
| -- | Method 039.01 -- | |
| 164 | 7.7500 | .71 |
| -- | Method 039.02 -- | |
| 021 | 13.400 | 1.45 |
| 011 | 10.404 | .16 |
| Avg | 10.037 | |
| -- | Method 039.02 -- | |
| 154 | 9.9000 | -.07 |
| 567 | 9.9900 | -.26 |
| 560 | 6.4900 | -1.52 |
| -- | Method 040.00 -- | |
| 560 | 6.7250 | .71 |
| -- | Method 041.00 -- | |
| 011 | 0.4760 | .71 |
| -- | Method 051.00 -- | |
| 035 | 71.500 | 1.89 |
| 029 | 63.500 | .88 |
| 218 | 58.950 | .35 |
| Avg | 56.546 | |
| 511 | 55.000 | -.20 |
| 036 | 54.500 | -.41 |
| 148 | 52.665 | -.49 |
| 028 | 51.000 | -.71 |
| 043 | 45.250 | -1.43 |
| -- | Method 051.03 -- | |
| 723 | 66.300 | 1.36 |
| 017 | 61.700 | 1.15 |
| 716 | 61.000 | .72 |
| 846 | 59.760 | .52 |
| 009 | 57.180 | .23 |
| Avg | 55.703 | |
| 010 | 52.950 | -.67 |
| 039 | 50.485 | -.74 |
| 001 | 49.450 | -.82 |
| 004 | 42.500 | -1.68 |
| 038 | 39.400 R | -2.47 |
| -- | Method 051.99 -- | |
| 027 | 57.350 | .71 |
| -- | Method 082.00 -- | |
| 039 | 0.0090 | 1.30 |
| Avg | 0.0072 | |
| 035 | 0.0065 | -.52 |
| 028 | 0.0062 | -.74 |
| -- | Method 082.01 -- | |
| 038 | 0.0074 | 1.21 |
| 001 | 0.0073 | 1.07 |
| Avg | 0.0060 | |
| 846 | 0.0054 | -.47 |
| 043 | 0.0050 | -.82 |
| 019 | 0.0049 | -1.00 |
| -- | Method 082.02 -- | |
| 218 | 0.0076 | .84 |
| Avg | 0.0067 | |
| 027 | 0.0058 | -.89 |
| -- | Method 105.00 -- | |
| 160 | 1.3150 | .71 |
| -- | Method 106.01 -- | |
| 858 | 4.6865 | -.71 |
| -- | Method 106.02 -- | |
| 638 | 8.2600 | 1.55 |
| 169 | 7.9500 | 1.40 |
| 676 | 7.7000 | 1.28 |
| 610 | 7.2000 | 1.05 |
| 616 | 6.1000 | .52 |
| 208 | 5.7250 R | .45 |
| 021 | 5.2900 | .16 |
| 560 | 5.2000 | .09 |
| 675 | 5.0650 | .08 |
| Avg | 5.0196 | |
| 227 | 4.6200 | -.19 |
| 563 | 4.3678 | -.31 |
| 017 | 4.3650 | -.31 |
| 670 | 4.1650 R | -.50 |
| -- | Method 106.02 -- | |
| 199 | 3.8000 | -.59 |
| 160 | 3.6500 | -.67 |
| 619 | 3.5750 | -.71 |
| 096 | 3.1300 | -.91 |
| 004 | 0.0408 | -2.38 |
| -- | Method 106.99 -- | |
| 003 | 5.8500 | .71 |
| -- | Method 108.02 -- | |
| 675 | 3.6150 | .87 |
| Avg | 2.1400 | |
| 676 | 0.6650 | -.86 |
| -- | Method 109.02 -- | |
| 610 | 40.550 s | 10.81 |
| 619 | 19.100 R | 3.35 |
| 638 | 14.075 | 1.54 |
| 560 | 10.800 | .39 |
| 675 | 10.340 | .30 |
| 208 | 10.430 | .29 |
| 563 | 9.7700 | .04 |
| Avg | 9.6964 | |
| 676 | 8.0600 | -.59 |
| 199 | 4.4000 | -1.85 |
| -- | Method 120.00 -- | |
| 504 | 0.5300 R | 1.04 |
| 160 | 0.5647 | .98 |
| 684 | 0.5565 | .92 |
| 652 | 0.5500 | .75 |
| 227 | 0.5550 | .68 |
| 350 | 0.5540 | .65 |
| 619 | 0.5410 | .30 |
| 571 | 0.5325 | .10 |
| 675 | 0.5300 | .01 |
| Avg | 0.5295 | |
| 644 | 0.5245 | -.33 |
| 676 | 0.4610 | -1.82 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 120.00 | -- |
| 859 | 0.4555 | -1.93 |
| -- | Method 120.05 | -- |
| 626 | 0.6050 | .83 |
| Avg | 0.5668 | |
| 038 | 0.5285 | -.90 |
| -- | Method 121.00 | -- |
| 160 | 0.6554 | 1.54 |
| 504 | 0.5950 R | 1.38 |
| 652 | 0.6200 | .70 |
| 619 | 0.6200 | .67 |
| 644 | 0.6165 | .66 |
| 350 | 0.6080 | .38 |
| Avg | 0.5940 | |
| 675 | 0.5850 | -.26 |
| 571 | 0.5835 | -.43 |
| 684 | 0.5780 | -.62 |
| 859 | 0.5550 | -.98 |
| 676 | 0.5185 | -2.00 |
| -- | Method 121.05 | -- |
| 038 | 0.6290 | 1.05 |
| Avg | 0.6070 | |
| 626 | 0.5850 | -.64 |
| -- | Method 122.00 | -- |
| 675 | 0.8850 | 1.41 |
| 350 | 0.8580 | .86 |
| 227 | 0.8550 | .85 |
| 652 | 0.8450 | .61 |
| 644 | 0.8300 | .49 |
| 619 | 0.8270 | .26 |
| Avg | 0.8138 | |
| 571 | 0.7910 | -.45 |
| 859 | 0.7610 | -1.03 |
| 684 | 0.7540 | -1.25 |
| 504 | 0.7950 R | -1.50 |
| 160 | 0.7318 | -1.60 |
| -- | Method 122.05 | -- |
| 626 | 1.0400 S | 4.07 |
| 038 | 0.7915 | .71 |
| Avg | 0.7915 | |
| -- | Method 124.00 | -- |
| 160 | 0.2081 | 1.75 |
| 652 | 0.1900 | .67 |
| 675 | 0.1850 | .48 |
| 350 | 0.1845 | .36 |
| 684 | 0.1790 | .24 |
| Avg | 0.1787 | |
| 619 | 0.1755 | -.28 |
| 571 | 0.1735 | -.31 |
| 644 | 0.1670 | -.73 |
| 504 | 0.1700 R | -1.29 |
| 859 | 0.1455 | -1.97 |
| -- | Method 124.02 | -- |
| 227 | 0.1700 | .60 |
| Avg | 0.1663 | |
| 676 | 0.1625 | -1.07 |
| -- | Method 124.05 | -- |
| 610 | 0.1850 | .71 |
| -- | Method 125.00 | -- |
| 350 | 1.6370 | 1.33 |
| 227 | 1.6250 | 1.22 |
| 619 | 1.6000 | .91 |
| 652 | 1.5600 | .56 |
| 644 | 1.5390 | .52 |
| Avg | 1.5225 | |
| 675 | 1.5200 | -.12 |
| 160 | 1.4970 | -.34 |
| 571 | 1.4850 | -.47 |
| 684 | 1.5050 | -.64 |
| 859 | 1.3895 | -1.55 |
| 676 | 1.3900 | -1.64 |
| 504 | 1.4150 R | -2.09 |
| -- | Method 125.05 | -- |
| 626 | 1.6750 | .65 |
| Avg | 1.6138 | |
| 038 | 1.5525 | -1.04 |
| -- | Method 126.00 | -- |
| 160 | 0.4964 | 1.00 |
| 675 | 0.4900 | .84 |
| 350 | 0.4900 | .78 |
| 652 | 0.4850 | .61 |
| 684 | 0.4730 | .55 |
| 619 | 0.4785 | .36 |
| 227 | 0.4700 | .36 |
| 571 | 0.4715 | .13 |
| Avg | 0.4687 | |
| 644 | 0.4620 | -.49 |
| 504 | 0.4650 | -1.25 |
| 859 | 0.4185 | -1.79 |
| 676 | 0.4240 | -1.80 |
| -- | Method 126.05 | -- |
| 626 | 0.5050 | .36 |
| Avg | 0.4988 | |
| 038 | 0.4925 | -1.17 |
| -- | Method 127.00 | -- |
| 652 | 0.2800 | 1.67 |
| 676 | 0.2690 | .92 |
| 160 | 0.2652 | .86 |
| 350 | 0.2580 | .51 |
| 684 | 0.2585 | .42 |
| Avg | 0.2561 | |
| 675 | 0.2550 | -.36 |
| 619 | 0.2505 | -.41 |
| 644 | 0.2560 | -.42 |
| 571 | 0.2535 | -.43 |
| 227 | 0.2450 | -.85 |
| 504 | 0.2400 R | -1.79 |
| 859 | 0.2265 | -2.08 |
| -- | Method 127.05 | -- |
| 626 | 0.2550 | .73 |
| Avg | 0.2448 | |
| 038 | 0.2345 | -.98 |
| -- | Method 128.00 | -- |
| 160 | 0.3896 s | 4.09 |
| 619 | 0.3435 | 1.24 |
| 350 | 0.3280 | .84 |
| 675 | 0.3350 | .72 |
| 676 | 0.3330 | .61 |
| 644 | 0.3285 | .47 |
| 652 | 0.3250 | .31 |
| Avg | 0.3247 | |
| 571 | 0.3225 | -.14 |
| 684 | 0.3235 | -.47 |
| 227 | 0.3200 | -.69 |
| 504 | 0.3200 R | -1.89 |
| 859 | 0.2875 | -2.31 |
| -- | Method 128.05 | -- |
| 626 | 0.3600 | .89 |
| Avg | 0.3350 | |
| 038 | 0.3100 | -.84 |
| -- | Method 129.00 | -- |
| 160 | 0.7396 | 1.53 |
| 350 | 0.7235 | 1.04 |
| 684 | 0.6910 | .62 |
| 619 | 0.7070 | .55 |
| 675 | 0.7050 | .48 |
| 227 | 0.7000 | .30 |
| Avg | 0.6904 | |
| 652 | 0.6900 | -.01 |
| 644 | 0.6900 | -.50 |
| 571 | 0.6680 | -.70 |
| 676 | 0.6520 | -1.26 |
| 504 | 0.6900 R | -1.87 |
| 859 | 0.6285 | -1.93 |
| -- | Method 129.05 | -- |
| 626 | 0.7050 | .88 |
| Avg | 0.6975 | |
| 038 | 0.6900 | -.85 |
| -- | Method 130.00 | -- |
| 160 | 0.4773 | 1.46 |
| 350 | 0.4660 | 1.15 |
| 504 | 0.4450 R | 1.13 |
| 675 | 0.4450 | .56 |
| 644 | 0.4390 | .45 |
| 619 | 0.4405 | .41 |
| 652 | 0.4400 | .40 |
| Avg | 0.4261 | |
| 227 | 0.4200 | -.17 |
| 571 | 0.4135 | -.42 |
| 684 | 0.4115 | -.55 |
| 676 | 0.3715 | -1.56 |
| 859 | 0.3625 | -1.81 |
| -- | Method 130.05 | -- |
| 626 | 0.4850 | 1.20 |
| Avg | 0.4437 | |
| 610 | 0.4400 | -.10 |
| 038 | 0.4060 | -1.03 |
| -- | Method 130.99 | -- |
| 859 | 0.0225 S | .00 |
| -- | Method 131.00 | -- |
| 644 | 0.1645 | 1.23 |
| 160 | 0.1563 | .73 |
| 652 | 0.1550 | .71 |
| 619 | 0.1495 | .34 |
| 859 | 0.1485 | .27 |
| Avg | 0.1440 | |
| 675 | 0.1400 | -.23 |
| 571 | 0.1395 | -.26 |
| 350 | 0.1355 | -.50 |
| 504 | 0.1350 R | -1.03 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

Laboratory Averages & Accuracy Indexes

| Lab | Average* | Index |
|---|---|---|
| -- | Method 131.00 | -- |
| 684 | 0.1070 | -2.32 |
| -- | Method 131.02 | -- |
| 227 | 0.1500 | .12 |
| Avg | 0.1490 | |
| 676 | 0.1480 | -1.22 |
| -- | Method 131.05 | -- |
| 038 | 0.1585 | 1.19 |
| Avg | 0.1543 | |
| 610 | 0.1500 | -.28 |
| 626 | 0.0650 S | -5.92 |
| -- | Method 132.00 | -- |
| 160 | 0.4980 | 1.72 |
| 350 | 0.4910 | 1.54 |
| 619 | 0.4540 | .67 |
| 859 | 0.4430 | .40 |
| 652 | 0.4300 | .25 |
| Avg | 0.4265 | |
| 675 | 0.4250 | -.12 |
| 644 | 0.4090 | -.48 |
| 571 | 0.3945 | -.77 |
| 227 | 0.3850 | -1.00 |
| 676 | 0.3875 | -1.05 |
| 504 | 0.3950 R | -1.13 |
| 684 | 0.3745 | -1.24 |
| -- | Method 132.05 | -- |
| 626 | 0.4050 | .88 |
| Avg | 0.3905 | |
| 038 | 0.3760 | -.85 |
| -- | Method 133.00 | -- |
| 160 | 0.6441 | 1.90 |
| 504 | 0.6000 R | 1.87 |
| 652 | 0.6050 | 1.03 |
| 644 | 0.5985 | .79 |
| 619 | 0.6060 | .59 |
| -- | Method 133.00 | -- |
| Avg | 0.5929 | |
| 350 | 0.5865 | -.24 |
| 571 | 0.5820 | -.40 |
| 227 | 0.5800 | -.60 |
| 675 | 0.5650 | -1.05 |
| 684 | 0.5690 | -1.09 |
| -- | Method 133.05 | -- |
| 626 | 0.5950 | .74 |
| Avg | 0.5870 | |
| 038 | 0.5790 | -.98 |
| -- | Method 134.00 | -- |
| 160 | 0.4646 | 1.13 |
| 675 | 0.4600 | 1.02 |
| 350 | 0.4610 | 1.00 |
| 619 | 0.4575 | .85 |
| 227 | 0.4500 | .68 |
| 652 | 0.4450 | .41 |
| Avg | 0.4357 | |
| 571 | 0.4160 | -.79 |
| 684 | 0.4205 | -.82 |
| 644 | 0.4110 | -1.04 |
| 676 | 0.4085 | -1.17 |
| 859 | 0.3990 | -1.44 |
| 504 | 0.3400 s | -3.92 |
| -- | Method 134.05 | -- |
| 626 | 0.4750 | .93 |
| Avg | 0.4670 | |
| 038 | 0.4590 | -.80 |
| -- | Method 135.00 | -- |
| 160 | 0.4322 | 1.80 |
| 350 | 0.4195 | 1.28 |
| 652 | 0.4100 | .90 |
| 644 | 0.3925 | .43 |
| 227 | 0.3900 | .41 |
| 619 | 0.3910 | .14 |
| -- | Method 135.00 | -- |
| Avg | 0.3876 | |
| 859 | 0.3745 | -.53 |
| 571 | 0.3700 | -.75 |
| 675 | 0.3650 | -.92 |
| 676 | 0.3600 | -1.16 |
| 684 | 0.3585 | -1.19 |
| 504 | 0.3700 R | -1.39 |
| -- | Method 135.05 | -- |
| 038 | 0.3910 | 1.35 |
| Avg | 0.3753 | |
| 626 | 0.3700 | -.34 |
| 610 | 0.3650 | -.74 |
| -- | Method 135.99 | -- |
| 859 | 0.0335 S | .00 |
| -- | Method 136.00 | -- |
| 684 | 0.1035 | .71 |
| -- | Method 136.01 | -- |
| 160 | 0.1359 | 1.61 |
| 227 | 0.1200 | .33 |
| Avg | 0.1159 | |
| 644 | 0.1115 | -.35 |
| 619 | 0.1115 | -.37 |
| 571 | 0.1005 | -1.24 |
| -- | Method 136.03 | -- |
| 859 | 0.1270 | .71 |
| -- | Method 136.99 | -- |
| 504 | 0.0650 S | .00 |
| -- | Method 137.00 | -- |
| 160 | 0.4038 | 2.07 |
| 676 | 0.3070 | .19 |
| 675 | 0.3050 | .17 |
| Avg | 0.2981 | |
| -- | Method 137.00 | -- |
| 644 | 0.2930 | -.17 |
| 684 | 0.2730 | -.52 |
| 504 | 0.2600 | -.84 |
| 227 | 0.2450 | -1.08 |
| -- | Method 137.05 | -- |
| 626 | 0.2100 | -.71 |
| -- | Method 138.00 | -- |
| 160 | 0.5015 | 1.67 |
| 619 | 0.4895 | 1.28 |
| 644 | 0.4590 | .50 |
| 350 | 0.4535 | .38 |
| 652 | 0.4550 | .22 |
| 675 | 0.4550 | .22 |
| Avg | 0.4505 | |
| 227 | 0.4500 | -.32 |
| 571 | 0.4415 | -.32 |
| 684 | 0.4155 | -1.17 |
| 676 | 0.4275 | -1.23 |
| 504 | 0.4500 | -1.29 |
| 859 | 0.4085 | -1.36 |
| -- | Method 138.05 | -- |
| 626 | 0.4800 | .87 |
| Avg | 0.4500 | |
| 038 | 0.4200 | -.87 |
| -- | Method 139.00 | -- |
| 504 | 0.0600 | .00 |

* X=Excluded from lab performance  S/s=Screened Outlier  R=Duplicate Range too large  A=Analysis beyond 3-s limits

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Method Evaluation - Z Values Based on 1 Reports

| Method Code | Number Of Labs | Avg Bias of Labs | Std Dev of Biases | Std Dev Within Labs | Method Code | Number Of Labs | Avg Bias of Labs | Std Dev of Biases | Std Dev Within Labs |
|---|---|---|---|---|---|---|---|---|---|
| 001.00 | 12 | 0.0728 | 1.00 | 0.25 | 010.11 | 11 | 0.5584 | 2.07 | 0.28 |
| 001.03 | 7 | -0.7029 | 2.09 | 0.43 | 010.99 | 16 | 0.0544 | 2.03 | 0.18 |
| 001.07 | 37 | -0.8639 | 4.92 | 1.03 | 011.01 | 78 | 0.0128 | 1.36 | 0.33 |
| 001.99 | 20 | -0.2635 | 1.42 | 0.32 | 012.00 | 7 | 0.0000 | 0.98 | 0.34 |
| 002.00 | 6 | 0.0000 | 0.95 | 0.41 | 012.01 | 2 | 0.0000 | 0.54 | 0.78 |
| 002.01 | 11 | 0.0000 | 0.99 | 0.26 | 012.03 | 2 | 0.0000 | 1.01 | 0.49 |
| 002.02 | 9 | 0.5979 | 1.97 | 0.41 | 012.04 | 5 | 0.5147 | 1.48 | 0.50 |
| 002.04 | 6 | 0.0000 | 1.02 | 0.23 | 012.11 | 4 | 0.0000 | 1.06 | 0.18 |
| 002.05 | 15 | 0.1634 | 1.15 | 0.34 | 013.02 | 28 | 0.0896 | 1.08 | 0.39 |
| 002.06 | 128 | 0.0123 | 1.06 | 0.32 | 013.10 | 14 | 0.1999 | 1.22 | 0.43 |
| 002.08 | 6 | 0.0608 | 0.96 | 0.18 | 013.12 | 2 | 0.0000 | 1.13 | 0.34 |
| 002.10 | 13 | -0.0093 | 0.96 | 0.35 | 013.13 | 2 | 0.0000 | 0.66 | 0.73 |
| 002.11 | 13 | -0.4974 | 1.54 | 0.24 | 013.99 | 3 | 0.0000 | 0.96 | 0.47 |
| 002.99 | 4 | 0.0000 | 1.00 | 0.36 | 015.00 | 11 | 0.2985 | 1.37 | 0.41 |
| 003.00 | 25 | 0.0496 | 1.24 | 0.26 | 017.00 | 8 | 0.3283 | 3.49 | 0.80 |
| 003.06 | 26 | -0.1134 | 1.11 | 0.23 | 018.02 | 3 | 0.0000 | 1.07 | 0.25 |
| 003.09 | 28 | 0.0000 | 0.98 | 0.25 | 019.00 | 10 | -0.1314 | 1.86 | 0.25 |
| 003.10 | 28 | 0.4282 | 2.61 | 0.35 | 019.01 | 50 | 0.2025 | 1.63 | 0.36 |
| 003.11 | 12 | 0.0000 | 1.01 | 0.17 | 019.03 | 5 | 0.0000 | 0.69 | 0.72 |
| 003.12 | 4 | 0.0000 | 1.00 | 0.36 | 019.05 | 42 | 0.1214 | 1.10 | 0.54 |
| 003.13 | 5 | 0.0000 | 0.93 | 0.46 | 019.08 | 6 | 0.0336 | 0.92 | 0.52 |
| 003.14 | 20 | 0.0489 | 0.98 | 0.30 | 019.09 | 32 | -0.0187 | 1.47 | 1.32 |
| 003.99 | 13 | -0.2018 | 1.11 | 0.61 | 019.99 | 7 | 1.6349 | 4.43 | 0.19 |
| 004.00 | 31 | 0.0698 | 1.04 | 0.32 | 020.00 | 2 | 0.0000 | 1.18 | 0.23 |
| 004.03 | 2 | 0.0000 | 0.57 | 0.77 | 020.01 | 8 | 0.0000 | 1.02 | 0.14 |
| 004.06 | 36 | 0.1730 | 1.21 | 0.22 | 020.99 | 2 | 0.0000 | 1.21 | 0.12 |
| 004.07 | 42 | -0.0983 | 1.09 | 0.32 | 021.01 | 4 | 0.0000 | 1.06 | 0.18 |
| 004.11 | 12 | 0.0877 | 1.02 | 0.14 | 021.02 | 14 | -0.1490 | 2.13 | 0.32 |
| 004.99 | 7 | 0.0000 | 1.00 | 0.26 | 022.01 | 30 | -0.0637 | 0.98 | 0.21 |
| 005.00 | 136 | -0.0014 | 1.06 | 0.35 | 022.03 | 32 | 0.0042 | 0.96 | 0.26 |
| 005.11 | 10 | 1.6556 | 2.09 | 0.35 | 022.05 | 31 | 0.0222 | 1.03 | 0.34 |
| 005.99 | 13 | 0.0000 | 0.92 | 0.42 | 022.99 | 5 | 0.0000 | 1.04 | 0.20 |
| 008.02 | 16 | -0.1933 | 1.25 | 0.26 | 025.01 | 22 | 0.0456 | 1.01 | 0.19 |
| 008.08 | 26 | 0.0703 | 1.64 | 0.31 | 025.03 | 34 | 0.2277 | 1.55 | 0.61 |
| 008.99 | 5 | 0.8591 | 2.11 | 0.67 | 025.05 | 23 | 0.2460 | 1.37 | 0.43 |
| 009.07 | 13 | 0.0000 | 1.00 | 0.22 | 025.99 | 2 | 4.1248 | 5.83 | 0.50 |
| 009.09 | 20 | 0.1701 | 1.32 | 0.47 | 027.01 | 33 | 0.1182 | 1.14 | 0.41 |
| 009.99 | 4 | -0.4174 | 1.24 | 0.64 | 027.03 | 37 | 0.1219 | 1.08 | 0.38 |
| 010.03 | 3 | -5.3279 | 4.66 | 0.47 | 027.05 | 28 | 0.5071 | 2.84 | 0.42 |

AAFCO - Feed Check Sample No. - 200929  Preconditioning/Receiving Chow, Med

Method Evaluation - Z Values Based on 1 Reports

| Method Code | Number Of Labs | Avg Bias of Labs | Std Dev of Biases | Std Dev Within Labs | Method Code | Number Of Labs | Avg Bias of Labs | Std Dev of Biases | Std Dev Within Labs |
|---|---|---|---|---|---|---|---|---|---|
| 027.99 | 3 | 0.0000 | 0.90 | 0.54 | 082.02 | 2 | 0.0000 | 1.19 | 0.21 |
| 028.01 | 26 | 0.2657 | 1.48 | 0.40 | 106.02 | 18 | -0.0040 | 0.96 | 0.12 |
| 028.03 | 34 | 0.0383 | 1.00 | 0.27 | 108.02 | 2 | 0.0000 | 1.22 | 0.08 |
| 028.05 | 31 | 0.2455 | 1.75 | 0.29 | 109.02 | 9 | 1.5665 | 3.74 | 0.24 |
| 028.99 | 4 | 0.0000 | 1.08 | 0.08 | 120.00 | 12 | 0.0010 | 0.93 | 0.42 |
| 031.01 | 54 | -0.0206 | 1.39 | 0.62 | 120.05 | 2 | 0.0000 | 1.17 | 0.26 |
| 031.02 | 3 | 0.0000 | 0.36 | 0.86 | 121.00 | 11 | 0.0023 | 0.92 | 0.52 |
| 031.03 | 6 | 1.0604 | 2.74 | 0.74 | 121.05 | 2 | 0.0000 | 0.74 | 0.69 |
| 031.05 | 72 | 0.0539 | 1.20 | 0.47 | 122.00 | 11 | -0.0332 | 0.95 | 0.49 |
| 031.06 | 2 | 0.0000 | 1.15 | 0.30 | 122.05 | 2 | 2.0197 | 2.86 | 0.61 |
| 031.99 | 10 | 1.0113 | 3.60 | 0.41 | 124.00 | 10 | -0.0515 | 0.97 | 0.41 |
| 032.01 | 30 | 0.3583 | 1.72 | 0.13 | 124.02 | 2 | 0.0000 | 0.85 | 0.62 |
| 032.02 | 9 | -0.0276 | 0.97 | 0.15 | 125.00 | 12 | -0.1039 | 0.99 | 0.58 |
| 032.05 | 67 | 0.1297 | 1.18 | 0.45 | 125.05 | 2 | 0.0000 | 0.80 | 0.65 |
| 032.99 | 4 | -2.0029 | 4.09 | 0.32 | 126.00 | 12 | 0.0000 | 0.87 | 0.51 |
| 033.00 | 28 | 0.6614 | 2.76 | 0.40 | 126.05 | 2 | 0.0000 | 0.20 | 0.85 |
| 033.01 | 33 | -0.5453 | 2.56 | 0.61 | 127.00 | 12 | -0.0938 | 0.97 | 0.53 |
| 033.03 | 7 | 1.4115 | 5.82 | 0.19 | 127.05 | 2 | 0.0000 | 0.93 | 0.57 |
| 033.99 | 10 | 0.0000 | 1.02 | 0.13 | 128.00 | 12 | 0.3128 | 1.44 | 0.69 |
| 034.01 | 2 | 0.0000 | 0.28 | 0.84 | 128.05 | 2 | 0.0000 | 1.17 | 0.25 |
| 034.04 | 6 | 0.0000 | 1.03 | 0.18 | 129.00 | 12 | -0.0011 | 0.93 | 0.60 |
| 034.05 | 5 | 10.2298 | 15.09 | 6.23 | 129.05 | 2 | 0.0000 | 0.36 | 0.83 |
| 034.99 | 4 | 0.0000 | 1.05 | 0.23 | 130.00 | 12 | 0.0449 | 0.98 | 0.33 |
| 035.00 | 27 | 0.3676 | 2.13 | 0.39 | 130.05 | 3 | 0.0000 | 1.08 | 0.24 |
| 035.01 | 2 | 0.0000 | 0.68 | 0.72 | 131.00 | 10 | -0.0526 | 0.94 | 0.41 |
| 035.03 | 58 | 0.0640 | 1.44 | 0.35 | 131.02 | 2 | 0.0000 | 0.17 | 0.86 |
| 035.05 | 14 | 0.6706 | 1.97 | 0.24 | 131.05 | 3 | -1.9692 | 3.42 | 0.70 |
| 035.99 | 2 | 0.0000 | 1.11 | 0.37 | 132.00 | 12 | -0.0628 | 0.98 | 0.31 |
| 036.03 | 23 | 0.2373 | 1.49 | 0.24 | 132.05 | 2 | 0.0000 | 0.62 | 0.75 |
| 037.01 | 30 | 0.0982 | 1.07 | 0.23 | 133.00 | 10 | 0.0263 | 0.85 | 0.75 |
| 037.03 | 36 | 4.5585 | 26.47 | 0.60 | 133.05 | 2 | 0.0000 | 0.49 | 0.79 |
| 037.05 | 31 | 0.6207 | 2.30 | 0.55 | 134.00 | 12 | -0.3113 | 1.42 | 0.46 |
| 037.99 | 4 | 0.0000 | 1.06 | 0.17 | 134.05 | 2 | 0.0000 | 0.40 | 0.82 |
| 038.00 | 10 | 0.0696 | 0.97 | 0.48 | 135.00 | 12 | -0.0584 | 0.96 | 0.42 |
| 039.02 | 5 | 0.0000 | 1.04 | 0.19 | 135.05 | 3 | 0.0000 | 0.89 | 0.55 |
| 051.00 | 8 | 0.0000 | 1.02 | 0.14 | 136.01 | 5 | 0.0000 | 1.06 | 0.09 |
| 051.03 | 10 | -0.2069 | 1.11 | 0.56 | 137.00 | 7 | 0.0000 | 1.02 | 0.21 |
| 082.00 | 3 | 0.0000 | 1.09 | 0.19 | 138.00 | 12 | 0.0000 | 0.86 | 0.53 |
| 082.01 | 5 | 0.0000 | 1.04 | 0.20 | 138.05 | 2 | 0.0000 | 1.16 | 0.27 |