

**AAFCO Check Sample Program**  
**All Labs and All Methods Report**  
**Sort by Method**  
**Proficiency For Individual Methods**  
**Sample # 201521**  
**Beef Supplement**  
**Regular Program**



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

Issue Date : 02/28/2015

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
000.02	Urea, As protein, Colorimetric (%)	0875	13.265	0.07000	22.964	12.508	0.10100	5	-0.78	21%	0
000.02	Urea, As protein, Colorimetric (%)	0939	13.420	0.14000	22.964	12.508	0.10100	5	-0.76	21%	0
000.02	Urea, As protein, Colorimetric (%)	0613	14.965	0.11000	22.964	12.508	0.10100	5	-0.64	17%	0
000.02	Urea, As protein, Colorimetric (%)	0278	34.900	0.00000	22.964	12.508	0.10100	5	0.95	26%	0
000.02	Urea, As protein, Colorimetric (%)	0027	38.268	0.18500	22.964	12.508	0.10100	5	1.22	33%	0
000.02	Urea, As protein, Colorimetric (%)	0964	40.220	1.8400	22.964	12.508	0.10100	5	1.38	38%	1
000.99	Urea, Miscellaneous (%)	0619	11.200	0.00000			0.01200	2	-0.71	4%	0
000.99	Urea, Miscellaneous (%)	0563	13.151	0.02400			0.01200	2	0.71	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.1050	0.05000	8.8193	1.6835	0.13053	6	-1.02	10%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.8067	0.13320	8.8193	1.6835	0.13053	6	-0.60	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.8550	0.25000	8.8193	1.6835	0.13053	6	-0.57	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0345	9.0250	0.05000	8.8193	1.6835	0.13053	6	0.12	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	10.495	0.01000	8.8193	1.6835	0.13053	6	1.00	10%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	11.815	0.29000	8.8193	1.6835	0.13053	6	1.78	17%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	6.8450	0.11000	7.6500	0.54292	0.03895	11	-1.48	5%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	7.0450	0.01000	7.6500	0.54292	0.03895	11	-1.11	4%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	7.2350	0.01000	7.6500	0.54292	0.03895	11	-0.76	3%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	7.5850	0.03000	7.6500	0.54292	0.03895	11	-0.12	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	7.6000	0.02000	7.6500	0.54292	0.03895	11	-0.09	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	7.6000	0.04000	7.6500	0.54292	0.03895	11	-0.09	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	7.6453	0.03850	7.6500	0.54292	0.03895	11	-0.01	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.9300	0.10000	7.6500	0.54292	0.03895	11	0.52	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.0850	0.01000	7.6500	0.54292	0.03895	11	0.80	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.2200	0.02000	7.6500	0.54292	0.03895	11	1.05	4%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.3600	0.04000	7.6500	0.54292	0.03895	11	1.31	5%	0
001.05	Loss on Drying, LECO (%)	0610	6.8900	0.02000			0.02000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	5.3850	0.01000	7.8066	0.80575	0.09750	36	-3.01	16%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	5.8000	0.02000	7.8066	0.80575	0.09750	36	-2.49	13%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.3350	0.05000	7.8066	0.80575	0.09750	36	-1.83	9%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.6350	0.05000	7.8066	0.80575	0.09750	36	-1.45	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	6.8150	0.03000	7.8066	0.80575	0.09750	36	-1.23	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.8800	0.02000	7.8066	0.80575	0.09750	36	-1.15	6%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.0700	0.54000	7.8066	0.80575	0.09750	36	-0.91	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.2150	0.07000	7.8066	0.80575	0.09750	36	-0.73	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.3550	0.05000	7.8066	0.80575	0.09750	36	-0.56	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.4000	0.00000	7.8066	0.80575	0.09750	36	-0.50	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.4400	0.30000	7.8066	0.80575	0.09750	36	-0.45	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.4700	0.00000	7.8066	0.80575	0.09750	36	-0.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	7.4800	0.00000	7.8066	0.80575	0.09750	36	-0.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.5450	0.23000	7.8066	0.80575	0.09750	36	-0.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.5550	0.03000	7.8066	0.80575	0.09750	36	-0.31	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.7000	0.20000	7.8066	0.80575	0.09750	36	-0.13	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	7.7050	0.09000	7.8066	0.80575	0.09750	36	-0.13	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.7500	0.30000	7.8066	0.80575	0.09750	36	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.7800	0.04000	7.8066	0.80575	0.09750	36	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	7.8150	0.07000	7.8066	0.80575	0.09750	36	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	8.0150	0.01000	7.8066	0.80575	0.09750	36	0.26	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.0200	0.28000	7.8066	0.80575	0.09750	36	0.26	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.1050	0.11000	7.8066	0.80575	0.09750	36	0.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	8.1500	0.10000	7.8066	0.80575	0.09750	36	0.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.2150	0.25000	7.8066	0.80575	0.09750	36	0.51	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.2250	0.09000	7.8066	0.80575	0.09750	36	0.52	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	8.3400	0.04000	7.8066	0.80575	0.09750	36	0.66	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.4500	0.02000	7.8066	0.80575	0.09750	36	0.80	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.4750	0.01000	7.8066	0.80575	0.09750	36	0.83	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.5350	0.15000	7.8066	0.80575	0.09750	36	0.90	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.6100	0.12000	7.8066	0.80575	0.09750	36	1.00	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.8400	0.00000	7.8066	0.80575	0.09750	36	1.28	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.8500	0.10000	7.8066	0.80575	0.09750	36	1.29	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.9000	0.02000	7.8066	0.80575	0.09750	36	1.36	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	9.7500	0.10000	7.8066	0.80575	0.09750	36	2.41	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.495	0.01000	7.8066	0.80575	0.09750	36	3.34	17%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.8100	0.86000	7.8066	0.80575	0.09750	36	0.00	0%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.8000	0.40000	8.5317	0.74800	0.42333	3	-0.98	4%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.5000	0.60000	8.5317	0.74800	0.42333	3	-0.04	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0337	9.2950	0.27000	8.5317	0.74800	0.42333	3	1.02	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.1750	0.39000	8.4552	2.0862	0.17033	17	-1.57	19%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.1800	0.02000	8.4552	2.0862	0.17033	17	-1.09	13%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.8200	0.08000	8.4552	2.0862	0.17033	17	-0.78	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.0100	0.04000	8.4552	2.0862	0.17033	17	-0.69	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.0197	0.04560	8.4552	2.0862	0.17033	17	-0.69	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	7.3750	0.23000	8.4552	2.0862	0.17033	17	-0.52	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.4000	0.20000	8.4552	2.0862	0.17033	17	-0.51	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.5150	0.01000	8.4552	2.0862	0.17033	17	-0.45	6%	0

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001.99	Loss on Drying, Miscellaneous (%)	0940	8.1550	0.09000	8.4552	2.0862	0.17033	17	-0.14	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.4250	0.15000	8.4552	2.0862	0.17033	17	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.4300	0.12000	8.4552	2.0862	0.17033	17	0.47	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.4850	0.11000	8.4552	2.0862	0.17033	17	0.49	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.7250	0.03000	8.4552	2.0862	0.17033	17	0.61	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	10.560	0.52000	8.4552	2.0862	0.17033	17	1.01	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	11.085	0.27000	8.4552	2.0862	0.17033	17	1.26	16%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	13.480	0.20000	8.4552	2.0862	0.17033	17	2.41	30%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	13.535	0.39000	8.4552	2.0862	0.17033	17	2.43	30%	0
002.00	Protein, Crude (%)	0940	81.740	0.56000	82.323	0.52422	0.46000	3	-1.11	0%	0
002.00	Protein, Crude (%)	0845	82.475	0.23000	82.323	0.52422	0.46000	3	0.29	0%	0
002.00	Protein, Crude (%)	0028	82.755	0.59000	82.323	0.52422	0.46000	3	0.82	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	81.550	0.30000	83.325	0.44485	0.39907	14	-3.99	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	82.850	0.50000	83.325	0.44485	0.39907	14	-1.07	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	2023	82.925	1.4700	83.325	0.44485	0.39907	14	-0.90	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	82.984	0.59200	83.325	0.44485	0.39907	14	-0.77	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	83.055	0.23000	83.325	0.44485	0.39907	14	-0.61	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	83.120	0.00000	83.325	0.44485	0.39907	14	-0.46	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	83.350	0.90000	83.325	0.44485	0.39907	14	0.06	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0199	83.485	0.25000	83.325	0.44485	0.39907	14	0.36	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	83.492	0.69500	83.325	0.44485	0.39907	14	0.37	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0896	83.575	0.01000	83.325	0.44485	0.39907	14	0.56	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	83.590	0.34000	83.325	0.44485	0.39907	14	0.60	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0062	83.625	0.11000	83.325	0.44485	0.39907	14	0.67	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	83.825	0.07000	83.325	0.44485	0.39907	14	1.12	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	86.370	0.12000	83.325	0.44485	0.39907	14	6.84	2%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	81.865	0.29000	82.895	1.0630	0.30448	4	-0.97	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	82.125	0.13000	82.895	1.0630	0.30448	4	-0.72	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	83.550	0.30000	82.895	1.0630	0.30448	4	0.62	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	84.038	0.49790	82.895	1.0630	0.30448	4	1.08	1%	0
002.04	Protein, Copper Catalyst (%)	0405	77.655	0.17000	82.760	0.81049	0.56229	7	-6.30	3%	0
002.04	Protein, Copper Catalyst (%)	0728	79.875	1.8500	82.760	0.81049	0.56229	7	-3.56	2%	0
002.04	Protein, Copper Catalyst (%)	2057	82.540	0.08000	82.760	0.81049	0.56229	7	-0.27	0%	0
002.04	Protein, Copper Catalyst (%)	0187	82.910	0.02000	82.760	0.81049	0.56229	7	0.18	0%	0
002.04	Protein, Copper Catalyst (%)	0874	83.180	1.5000	82.760	0.81049	0.56229	7	0.52	0%	0
002.04	Protein, Copper Catalyst (%)	0504	83.390	0.04000	82.760	0.81049	0.56229	7	0.78	0%	0
002.04	Protein, Copper Catalyst (%)	0638	83.618	0.27600	82.760	0.81049	0.56229	7	1.06	1%	0
002.05	Protein, Copper, Boric Acid (%)	0943	80.385	0.15000	83.175	0.73305	0.29052	37	-3.81	2%	0
002.05	Protein, Copper, Boric Acid (%)	0552	81.280	0.10000	83.175	0.73305	0.29052	37	-2.58	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	82.160	0.45090	83.175	0.73305	0.29052	37	-1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	82.225	0.22930	83.175	0.73305	0.29052	37	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	82.425	1.0300	83.175	0.73305	0.29052	37	-1.02	0%	0

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002.05	Protein, Copper, Boric Acid (%)	2058	82.465	0.23000	83.175	0.73305	0.29052	37	-0.97	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	82.580	0.18000	83.175	0.73305	0.29052	37	-0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	82.650	0.14000	83.175	0.73305	0.29052	37	-0.72	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	82.680	0.62000	83.175	0.73305	0.29052	37	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	82.685	0.23000	83.175	0.73305	0.29052	37	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	82.725	0.03000	83.175	0.73305	0.29052	37	-0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	82.730	0.00000	83.175	0.73305	0.29052	37	-0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	82.750	1.1000	83.175	0.73305	0.29052	37	-0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	82.760	0.28000	83.175	0.73305	0.29052	37	-0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	82.830	0.40000	83.175	0.73305	0.29052	37	-0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	83.071	0.09900	83.175	0.73305	0.29052	37	-0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0934	83.115	0.09000	83.175	0.73305	0.29052	37	-0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	83.170	0.02000	83.175	0.73305	0.29052	37	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	83.189	0.42430	83.175	0.73305	0.29052	37	0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	83.215	0.43000	83.175	0.73305	0.29052	37	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	83.325	0.67000	83.175	0.73305	0.29052	37	0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	83.375	0.13000	83.175	0.73305	0.29052	37	0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	2091	83.375	0.41000	83.175	0.73305	0.29052	37	0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	83.385	0.49000	83.175	0.73305	0.29052	37	0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	83.390	0.18000	83.175	0.73305	0.29052	37	0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	83.460	0.04000	83.175	0.73305	0.29052	37	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	83.545	0.09000	83.175	0.73305	0.29052	37	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	2067	83.608	0.01200	83.175	0.73305	0.29052	37	0.59	0%	0
002.05	Protein, Copper, Boric Acid (%)	0039	83.676	0.03390	83.175	0.73305	0.29052	37	0.68	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	83.790	0.32000	83.175	0.73305	0.29052	37	0.84	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	83.800	0.60000	83.175	0.73305	0.29052	37	0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	84.060	0.02000	83.175	0.73305	0.29052	37	1.21	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	84.150	0.10000	83.175	0.73305	0.29052	37	1.33	1%	0
002.05	Protein, Copper, Boric Acid (%)	0895	84.165	0.01000	83.175	0.73305	0.29052	37	1.35	1%	0
002.05	Protein, Copper, Boric Acid (%)	2086	84.180	0.04000	83.175	0.73305	0.29052	37	1.37	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	85.070	0.26000	83.175	0.73305	0.29052	37	2.59	1%	0
002.05	Protein, Copper, Boric Acid (%)	2066	85.735	1.1100	83.175	0.73305	0.29052	37	3.49	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	81.245	0.65000	84.370	0.72144	0.43985	135	-4.33	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	81.850	0.10000	84.370	0.72144	0.43985	135	-3.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	82.300	0.00000	84.370	0.72144	0.43985	135	-2.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	82.405	0.13000	84.370	0.72144	0.43985	135	-2.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	82.500	0.00000	84.370	0.72144	0.43985	135	-2.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	82.650	1.3000	84.370	0.72144	0.43985	135	-2.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	82.765	0.03000	84.370	0.72144	0.43985	135	-2.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	82.860	0.66000	84.370	0.72144	0.43985	135	-2.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	83.000	0.00000	84.370	0.72144	0.43985	135	-1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	83.005	0.69000	84.370	0.72144	0.43985	135	-1.89	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	83.063	0.08500	84.370	0.72144	0.43985	135	-1.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	83.075	0.01000	84.370	0.72144	0.43985	135	-1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	83.105	0.01000	84.370	0.72144	0.43985	135	-1.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	83.400	0.20000	84.370	0.72144	0.43985	135	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	83.440	0.24000	84.370	0.72144	0.43985	135	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	83.500	0.20000	84.370	0.72144	0.43985	135	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	83.500	0.00000	84.370	0.72144	0.43985	135	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	83.500	0.64000	84.370	0.72144	0.43985	135	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0674	83.530	0.08000	84.370	0.72144	0.43985	135	-1.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	83.615	0.19000	84.370	0.72144	0.43985	135	-1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	83.660	0.20000	84.370	0.72144	0.43985	135	-0.98	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	83.690	0.00000	84.370	0.72144	0.43985	135	-0.94	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	83.695	0.53000	84.370	0.72144	0.43985	135	-0.94	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	83.725	0.17000	84.370	0.72144	0.43985	135	-0.89	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	83.790	0.58000	84.370	0.72144	0.43985	135	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	83.820	0.52000	84.370	0.72144	0.43985	135	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	83.824	0.90800	84.370	0.72144	0.43985	135	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	83.850	1.3000	84.370	0.72144	0.43985	135	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	83.860	0.40000	84.370	0.72144	0.43985	135	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	83.880	0.36000	84.370	0.72144	0.43985	135	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	83.900	0.20000	84.370	0.72144	0.43985	135	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	83.920	0.46000	84.370	0.72144	0.43985	135	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	83.940	0.44000	84.370	0.72144	0.43985	135	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	83.945	0.13000	84.370	0.72144	0.43985	135	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	83.950	0.30000	84.370	0.72144	0.43985	135	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	83.950	0.04000	84.370	0.72144	0.43985	135	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	83.955	0.11000	84.370	0.72144	0.43985	135	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	83.964	0.07800	84.370	0.72144	0.43985	135	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	83.965	0.13000	84.370	0.72144	0.43985	135	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	83.988	0.53300	84.370	0.72144	0.43985	135	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	83.990	0.02000	84.370	0.72144	0.43985	135	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	84.018	0.98200	84.370	0.72144	0.43985	135	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	84.025	0.23000	84.370	0.72144	0.43985	135	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	84.025	0.25000	84.370	0.72144	0.43985	135	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	84.055	0.03000	84.370	0.72144	0.43985	135	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	84.069	1.6500	84.370	0.72144	0.43985	135	-0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	84.100	0.00000	84.370	0.72144	0.43985	135	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	84.100	0.06000	84.370	0.72144	0.43985	135	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	84.105	0.19000	84.370	0.72144	0.43985	135	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	84.130	0.50000	84.370	0.72144	0.43985	135	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	84.140	0.74000	84.370	0.72144	0.43985	135	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	84.145	0.25000	84.370	0.72144	0.43985	135	-0.31	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	84.150	0.28000	84.370	0.72144	0.43985	135	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	84.155	0.11000	84.370	0.72144	0.43985	135	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	84.160	0.44000	84.370	0.72144	0.43985	135	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	84.170	1.1600	84.370	0.72144	0.43985	135	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	84.175	0.85000	84.370	0.72144	0.43985	135	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	84.180	0.08000	84.370	0.72144	0.43985	135	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	84.190	0.66000	84.370	0.72144	0.43985	135	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	84.190	1.0000	84.370	0.72144	0.43985	135	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	84.200	0.18000	84.370	0.72144	0.43985	135	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	84.200	0.00000	84.370	0.72144	0.43985	135	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	84.225	0.01000	84.370	0.72144	0.43985	135	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	84.241	0.70900	84.370	0.72144	0.43985	135	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	84.280	0.08000	84.370	0.72144	0.43985	135	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	84.300	0.20000	84.370	0.72144	0.43985	135	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	84.320	0.04000	84.370	0.72144	0.43985	135	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	84.330	1.5800	84.370	0.72144	0.43985	135	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	84.343	0.56500	84.370	0.72144	0.43985	135	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	84.395	0.93000	84.370	0.72144	0.43985	135	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	84.425	0.16100	84.370	0.72144	0.43985	135	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	84.455	0.03000	84.370	0.72144	0.43985	135	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0337	84.465	1.2300	84.370	0.72144	0.43985	135	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	84.490	0.30000	84.370	0.72144	0.43985	135	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	84.500	1.3000	84.370	0.72144	0.43985	135	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	84.505	0.11000	84.370	0.72144	0.43985	135	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	84.509	0.06250	84.370	0.72144	0.43985	135	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	84.525	0.23000	84.370	0.72144	0.43985	135	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	84.535	0.19000	84.370	0.72144	0.43985	135	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	84.550	0.10000	84.370	0.72144	0.43985	135	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	84.560	0.04000	84.370	0.72144	0.43985	135	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0008	84.580	0.20000	84.370	0.72144	0.43985	135	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	84.590	0.02000	84.370	0.72144	0.43985	135	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	84.595	0.47000	84.370	0.72144	0.43985	135	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	84.600	0.40000	84.370	0.72144	0.43985	135	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	84.610	0.92000	84.370	0.72144	0.43985	135	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	84.620	0.14000	84.370	0.72144	0.43985	135	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	84.625	0.25000	84.370	0.72144	0.43985	135	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	84.690	0.12000	84.370	0.72144	0.43985	135	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	84.720	0.76000	84.370	0.72144	0.43985	135	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	84.725	0.21000	84.370	0.72144	0.43985	135	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	84.730	1.1800	84.370	0.72144	0.43985	135	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	84.730	0.22000	84.370	0.72144	0.43985	135	0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	84.795	0.03000	84.370	0.72144	0.43985	135	0.59	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	84.795	1.0300	84.370	0.72144	0.43985	135	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	84.805	0.57000	84.370	0.72144	0.43985	135	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	84.810	0.02000	84.370	0.72144	0.43985	135	0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	84.815	0.45000	84.370	0.72144	0.43985	135	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	84.840	0.00000	84.370	0.72144	0.43985	135	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	84.845	0.61000	84.370	0.72144	0.43985	135	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	84.865	0.38800	84.370	0.72144	0.43985	135	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	84.870	0.34000	84.370	0.72144	0.43985	135	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	84.880	0.20000	84.370	0.72144	0.43985	135	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	84.890	0.02000	84.370	0.72144	0.43985	135	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	84.905	0.37000	84.370	0.72144	0.43985	135	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	84.905	0.33000	84.370	0.72144	0.43985	135	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	84.930	0.24000	84.370	0.72144	0.43985	135	0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	84.990	1.2800	84.370	0.72144	0.43985	135	0.86	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	85.000	0.60000	84.370	0.72144	0.43985	135	0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	85.030	2.1200	84.370	0.72144	0.43985	135	0.92	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	85.070	0.16000	84.370	0.72144	0.43985	135	0.97	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	85.075	0.11000	84.370	0.72144	0.43985	135	0.98	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	85.100	1.0000	84.370	0.72144	0.43985	135	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	85.100	0.62000	84.370	0.72144	0.43985	135	1.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	85.115	1.4500	84.370	0.72144	0.43985	135	1.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	85.125	0.23000	84.370	0.72144	0.43985	135	1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	85.150	0.06000	84.370	0.72144	0.43985	135	1.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	85.200	0.80000	84.370	0.72144	0.43985	135	1.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	85.230	0.36000	84.370	0.72144	0.43985	135	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	85.250	1.9000	84.370	0.72144	0.43985	135	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	85.310	0.32000	84.370	0.72144	0.43985	135	1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	85.313	0.62500	84.370	0.72144	0.43985	135	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	85.335	0.03000	84.370	0.72144	0.43985	135	1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	85.400	0.40000	84.370	0.72144	0.43985	135	1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2074	85.500	1.0000	84.370	0.72144	0.43985	135	1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	85.550	0.46000	84.370	0.72144	0.43985	135	1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	85.675	0.33300	84.370	0.72144	0.43985	135	1.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	85.720	0.68000	84.370	0.72144	0.43985	135	1.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	85.830	0.16000	84.370	0.72144	0.43985	135	2.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	85.950	0.70000	84.370	0.72144	0.43985	135	2.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	86.100	0.92000	84.370	0.72144	0.43985	135	2.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	86.115	0.17000	84.370	0.72144	0.43985	135	2.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	86.825	0.79000	84.370	0.72144	0.43985	135	3.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0673	90.050	0.90000	84.370	0.72144	0.43985	135	7.87	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	92.800	1.5800	84.370	0.72144	0.43985	135	11.69	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	80.975	7.4100	84.370	0.72144	0.43985	135	-4.71	2%	1

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	13.235	0.07000	84.370	0.72144	0.43985	135	-98.60	42%	2
002.08	Protein, Cu / Ti (%)	0563	83.197	0.82100	83.854	0.67739	0.80367	3	-0.97	0%	0
002.08	Protein, Cu / Ti (%)	0098	83.815	1.4900	83.854	0.67739	0.80367	3	-0.06	0%	0
002.08	Protein, Cu / Ti (%)	0208	84.550	0.10000	83.854	0.67739	0.80367	3	1.03	0%	0
002.11	Protein, NIR (%)	0720	86.915	0.03000			0.03000	1			
002.99	Protein, Miscellaneous (%)	0643	84.335	0.25000			0.22500	2	-0.71	0%	0
002.99	Protein, Miscellaneous (%)	2004	84.700	0.20000			0.22500	2	0.71	0%	0
003.00	Fat, Eth Ext., Direct (%)	0337	1.3650	0.03000	2.5715	0.61168	0.10328	13	-1.97	23%	0
003.00	Fat, Eth Ext., Direct (%)	0939	1.6250	0.13000	2.5715	0.61168	0.10328	13	-1.55	18%	0
003.00	Fat, Eth Ext., Direct (%)	0345	1.8250	0.05000	2.5715	0.61168	0.10328	13	-1.22	15%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.2750	0.07000	2.5715	0.61168	0.10328	13	-0.48	6%	0
003.00	Fat, Eth Ext., Direct (%)	0194	2.4050	0.03000	2.5715	0.61168	0.10328	13	-0.27	3%	0
003.00	Fat, Eth Ext., Direct (%)	0175	2.4800	0.20000	2.5715	0.61168	0.10328	13	-0.15	2%	0
003.00	Fat, Eth Ext., Direct (%)	0354	2.6250	0.01000	2.5715	0.61168	0.10328	13	0.09	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	2.6850	0.03000	2.5715	0.61168	0.10328	13	0.19	2%	0
003.00	Fat, Eth Ext., Direct (%)	0017	2.7000	0.00000	2.5715	0.61168	0.10328	13	0.21	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	2.7600	0.04000	2.5715	0.61168	0.10328	13	0.31	4%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.1527	0.00270	2.5715	0.61168	0.10328	13	0.95	11%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.5500	0.50000	2.5715	0.61168	0.10328	13	1.60	19%	0
003.00	Fat, Eth Ext., Direct (%)	0032	5.1350	0.25000	2.5715	0.61168	0.10328	13	4.19	50%	0
003.00	Fat, Eth Ext., Direct (%)	0139	7.7500	1.2400	2.5715	0.61168	0.10328	13	8.47	101%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	2.0816	0.03410			0.14205	2	-0.71	15%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.9450	0.25000			0.14205	2	0.71	15%	0
003.06	Fat, Pet Ether (%)	0164	1.5100	0.02000	1.7674	0.15848	0.09217	18	-1.62	7%	0
003.06	Fat, Pet Ether (%)	0687	1.5250	0.05000	1.7674	0.15848	0.09217	18	-1.53	7%	0
003.06	Fat, Pet Ether (%)	0148	1.5650	0.01000	1.7674	0.15848	0.09217	18	-1.28	6%	0
003.06	Fat, Pet Ether (%)	0552	1.6500	0.04000	1.7674	0.15848	0.09217	18	-0.74	3%	0
003.06	Fat, Pet Ether (%)	0689	1.7000	0.00000	1.7674	0.15848	0.09217	18	-0.43	2%	0
003.06	Fat, Pet Ether (%)	0852	1.7050	0.37000	1.7674	0.15848	0.09217	18	-0.39	2%	0
003.06	Fat, Pet Ether (%)	0294	1.7150	0.01000	1.7674	0.15848	0.09217	18	-0.33	1%	0
003.06	Fat, Pet Ether (%)	0297	1.7400	0.00000	1.7674	0.15848	0.09217	18	-0.17	1%	0
003.06	Fat, Pet Ether (%)	0574	1.7400	0.12000	1.7674	0.15848	0.09217	18	-0.17	1%	0
003.06	Fat, Pet Ether (%)	0199	1.7550	0.01000	1.7674	0.15848	0.09217	18	-0.08	0%	0
003.06	Fat, Pet Ether (%)	0910	1.7850	0.19000	1.7674	0.15848	0.09217	18	0.11	0%	0
003.06	Fat, Pet Ether (%)	0425	1.7950	0.03000	1.7674	0.15848	0.09217	18	0.17	1%	0
003.06	Fat, Pet Ether (%)	0511	1.8300	0.16000	1.7674	0.15848	0.09217	18	0.40	2%	0
003.06	Fat, Pet Ether (%)	0083	1.9900	0.12000	1.7674	0.15848	0.09217	18	1.40	6%	0
003.06	Fat, Pet Ether (%)	0918	2.0600	0.36000	1.7674	0.15848	0.09217	18	1.85	8%	0
003.06	Fat, Pet Ether (%)	0074	2.0900	0.04000	1.7674	0.15848	0.09217	18	2.04	9%	0
003.06	Fat, Pet Ether (%)	0849	2.2205	0.07900	1.7674	0.15848	0.09217	18	2.86	13%	0
003.06	Fat, Pet Ether (%)	2086	2.4250	0.05000	1.7674	0.15848	0.09217	18	4.15	19%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	1.4800	0.02000	2.2957	0.54162	0.07549	24	-1.51	18%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Soxtec, Eth Ext (%)	0226	1.6000	0.20000	2.2957	0.54162	0.07549	24	-1.28	15%	0
003.09	Fat, Soxtec, Eth Ext (%)	0673	1.7000	0.00000	2.2957	0.54162	0.07549	24	-1.10	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	0554	1.7850	0.03000	2.2957	0.54162	0.07549	24	-0.94	11%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	1.9200	0.10000	2.2957	0.54162	0.07549	24	-0.69	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	1.9650	0.07000	2.2957	0.54162	0.07549	24	-0.61	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	1.9750	0.05000	2.2957	0.54162	0.07549	24	-0.59	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	1.9900	0.04000	2.2957	0.54162	0.07549	24	-0.56	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	1.9950	0.05000	2.2957	0.54162	0.07549	24	-0.56	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	2.0500	0.00000	2.2957	0.54162	0.07549	24	-0.45	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	2.1375	0.06300	2.2957	0.54162	0.07549	24	-0.29	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	2.1600	0.00000	2.2957	0.54162	0.07549	24	-0.25	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	2.2050	0.01000	2.2957	0.54162	0.07549	24	-0.17	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	2.3250	0.03000	2.2957	0.54162	0.07549	24	0.05	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.3400	0.06000	2.2957	0.54162	0.07549	24	0.08	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	2.4000	0.00000	2.2957	0.54162	0.07549	24	0.19	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	2.6500	0.10000	2.2957	0.54162	0.07549	24	0.65	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	2.9550	0.01000	2.2957	0.54162	0.07549	24	1.22	14%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.0600	0.20000	2.2957	0.54162	0.07549	24	1.41	17%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.1666	0.01250	2.2957	0.54162	0.07549	24	1.61	19%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	3.2075	0.40300	2.2957	0.54162	0.07549	24	1.68	20%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.2400	0.08000	2.2957	0.54162	0.07549	24	1.74	21%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.4900	0.26000	2.2957	0.54162	0.07549	24	2.21	26%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.8284	0.02330	2.2957	0.54162	0.07549	24	2.83	33%	0
003.09	Fat, Soxtec, Eth Ext (%)	0051	1.4500	0.50000	2.2957	0.54162	0.07549	24	-1.56	18%	1
003.10	Fat, Soxtec, Pet Ether (%)	0952	1.3000	0.00000	1.5966	0.18133	0.05817	28	-1.64	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	1.3600	0.02000	1.5966	0.18133	0.05817	28	-1.30	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	1.3800	0.08000	1.5966	0.18133	0.05817	28	-1.19	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	1.3800	0.14000	1.5966	0.18133	0.05817	28	-1.19	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	1.3850	0.01000	1.5966	0.18133	0.05817	28	-1.17	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	1.3930	0.02600	1.5966	0.18133	0.05817	28	-1.12	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	1.4250	0.05000	1.5966	0.18133	0.05817	28	-0.95	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	1.5050	0.01000	1.5966	0.18133	0.05817	28	-0.51	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	1.5300	0.04000	1.5966	0.18133	0.05817	28	-0.37	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	1.5550	0.05000	1.5966	0.18133	0.05817	28	-0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	1.5650	0.09000	1.5966	0.18133	0.05817	28	-0.17	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	1.5650	0.01000	1.5966	0.18133	0.05817	28	-0.17	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	1.5700	0.02000	1.5966	0.18133	0.05817	28	-0.15	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	1.5730	0.08170	1.5966	0.18133	0.05817	28	-0.13	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	1.6000	0.16000	1.5966	0.18133	0.05817	28	0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	1.6000	0.04000	1.5966	0.18133	0.05817	28	0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	1.6550	0.07000	1.5966	0.18133	0.05817	28	0.32	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	1.6600	0.02000	1.5966	0.18133	0.05817	28	0.35	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.10	Fat, Soxtec, Pet Ether (%)	0045	1.6600	0.20000	1.5966	0.18133	0.05817	28	0.35	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	1.6900	0.00000	1.5966	0.18133	0.05817	28	0.52	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	1.6925	0.00100	1.5966	0.18133	0.05817	28	0.53	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	1.7000	0.00000	1.5966	0.18133	0.05817	28	0.57	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	1.7650	0.09000	1.5966	0.18133	0.05817	28	0.93	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	1.8550	0.01000	1.5966	0.18133	0.05817	28	1.43	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	1.9050	0.11000	1.5966	0.18133	0.05817	28	1.70	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	1.9100	0.00000	1.5966	0.18133	0.05817	28	1.73	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	2.0400	0.08000	1.5966	0.18133	0.05817	28	2.45	14%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	2.4100	0.22000	1.5966	0.18133	0.05817	28	4.49	25%	0
003.12	Fat, Hexane Ext (%)	0897	1.4750	0.03000	1.8242	0.37425	0.04748	8	-0.93	10%	0
003.12	Fat, Hexane Ext (%)	0903	1.4850	0.01000	1.8242	0.37425	0.04748	8	-0.91	9%	0
003.12	Fat, Hexane Ext (%)	0171	1.5900	0.06000	1.8242	0.37425	0.04748	8	-0.63	6%	0
003.12	Fat, Hexane Ext (%)	0934	1.6250	0.01000	1.8242	0.37425	0.04748	8	-0.53	5%	0
003.12	Fat, Hexane Ext (%)	0895	1.8400	0.02000	1.8242	0.37425	0.04748	8	0.04	0%	0
003.12	Fat, Hexane Ext (%)	2091	2.0800	0.12000	1.8242	0.37425	0.04748	8	0.68	7%	0
003.12	Fat, Hexane Ext (%)	2062	2.2041	0.11980	1.8242	0.37425	0.04748	8	1.02	10%	0
003.12	Fat, Hexane Ext (%)	0893	3.2250	0.01000	1.8242	0.37425	0.04748	8	3.74	38%	0
003.12	Fat, Hexane Ext (%)	0940	1.6050	0.51000	1.8242	0.37425	0.04748	8	-0.59	6%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	1.3500	0.04000	1.7342	0.23416	0.06470	10	-1.64	11%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	1.5200	0.18000	1.7342	0.23416	0.06470	10	-0.91	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	1.6100	0.04000	1.7342	0.23416	0.06470	10	-0.53	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	1.6600	0.00000	1.7342	0.23416	0.06470	10	-0.32	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	1.7085	0.00700	1.7342	0.23416	0.06470	10	-0.11	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	1.7150	0.09000	1.7342	0.23416	0.06470	10	-0.08	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	1.8000	0.12000	1.7342	0.23416	0.06470	10	0.28	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	1.9200	0.04000	1.7342	0.23416	0.06470	10	0.79	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	1.9850	0.09000	1.7342	0.23416	0.06470	10	1.07	7%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.3100	0.04000	1.7342	0.23416	0.06470	10	2.46	17%	0
003.14	Fat, Ankom (%)	0175	1.5500	0.04000	2.1812	0.32750	0.11891	33	-1.93	14%	0
003.14	Fat, Ankom (%)	2023	1.7700	0.00000	2.1812	0.32750	0.11891	33	-1.26	9%	0
003.14	Fat, Ankom (%)	0407	1.8350	0.09000	2.1812	0.32750	0.11891	33	-1.06	8%	0
003.14	Fat, Ankom (%)	0049	1.8750	0.11000	2.1812	0.32750	0.11891	33	-0.94	7%	0
003.14	Fat, Ankom (%)	0019	1.8850	0.49000	2.1812	0.32750	0.11891	33	-0.90	7%	0
003.14	Fat, Ankom (%)	0144	1.8900	0.14000	2.1812	0.32750	0.11891	33	-0.89	7%	0
003.14	Fat, Ankom (%)	0357	1.9000	0.00000	2.1812	0.32750	0.11891	33	-0.86	6%	0
003.14	Fat, Ankom (%)	0108	1.9050	0.05000	2.1812	0.32750	0.11891	33	-0.84	6%	0
003.14	Fat, Ankom (%)	0034	1.9450	0.03000	2.1812	0.32750	0.11891	33	-0.72	5%	0
003.14	Fat, Ankom (%)	0948	1.9450	0.03000	2.1812	0.32750	0.11891	33	-0.72	5%	0
003.14	Fat, Ankom (%)	0229	1.9900	0.04000	2.1812	0.32750	0.11891	33	-0.58	4%	0
003.14	Fat, Ankom (%)	0613	1.9900	0.34000	2.1812	0.32750	0.11891	33	-0.58	4%	0
003.14	Fat, Ankom (%)	0955	1.9950	0.07000	2.1812	0.32750	0.11891	33	-0.57	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.14	Fat, Ankom (%)	0066	2.0450	0.05000	2.1812	0.32750	0.11891	33	-0.42	3%	0
003.14	Fat, Ankom (%)	0529	2.0500	0.00000	2.1812	0.32750	0.11891	33	-0.40	3%	0
003.14	Fat, Ankom (%)	0202	2.0550	0.01000	2.1812	0.32750	0.11891	33	-0.39	3%	0
003.14	Fat, Ankom (%)	2075	2.0800	0.04000	2.1812	0.32750	0.11891	33	-0.31	2%	0
003.14	Fat, Ankom (%)	0520	2.0950	0.05000	2.1812	0.32750	0.11891	33	-0.26	2%	0
003.14	Fat, Ankom (%)	0581	2.1900	0.20000	2.1812	0.32750	0.11891	33	0.03	0%	0
003.14	Fat, Ankom (%)	0089	2.2800	0.00000	2.1812	0.32750	0.11891	33	0.30	2%	0
003.14	Fat, Ankom (%)	0956	2.3500	0.10000	2.1812	0.32750	0.11891	33	0.52	4%	0
003.14	Fat, Ankom (%)	0843	2.3700	0.30000	2.1812	0.32750	0.11891	33	0.58	4%	0
003.14	Fat, Ankom (%)	0683	2.4900	0.04000	2.1812	0.32750	0.11891	33	0.94	7%	0
003.14	Fat, Ankom (%)	0001	2.5700	0.06400	2.1812	0.32750	0.11891	33	1.19	9%	0
003.14	Fat, Ankom (%)	0009	2.5750	0.47000	2.1812	0.32750	0.11891	33	1.20	9%	0
003.14	Fat, Ankom (%)	0619	2.8400	0.04000	2.1812	0.32750	0.11891	33	2.01	15%	0
003.14	Fat, Ankom (%)	0015	2.9050	0.27000	2.1812	0.32750	0.11891	33	2.21	17%	0
003.14	Fat, Ankom (%)	0265	2.9850	0.03000	2.1812	0.32750	0.11891	33	2.45	18%	0
003.14	Fat, Ankom (%)	0278	3.4500	0.30000	2.1812	0.32750	0.11891	33	3.87	29%	0
003.14	Fat, Ankom (%)	0598	5.2600	0.02000	2.1812	0.32750	0.11891	33	9.40	71%	0
003.14	Fat, Ankom (%)	0358	5.4350	0.17000	2.1812	0.32750	0.11891	33	9.94	75%	0
003.14	Fat, Ankom (%)	0190	5.5400	0.14000	2.1812	0.32750	0.11891	33	10.26	77%	0
003.14	Fat, Ankom (%)	0726	5.6600	0.20000	2.1812	0.32750	0.11891	33	10.62	80%	0
003.99	Fat, Miscellaneous (%)	0630	1.9000	0.02000	1.9633	0.06028	0.01333	3	-1.05	2%	0
003.99	Fat, Miscellaneous (%)	0047	1.9700	0.00000	1.9633	0.06028	0.01333	3	0.11	0%	0
003.99	Fat, Miscellaneous (%)	0536	2.0200	0.02000	1.9633	0.06028	0.01333	3	0.94	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0943	3.1500	0.02000	4.5505	0.42030	0.18301	22	-3.33	15%	0
004.00	Fiber, Crude Asbestos Free (%)	2023	3.7650	0.19000	4.5505	0.42030	0.18301	22	-1.87	9%	0
004.00	Fiber, Crude Asbestos Free (%)	0169	3.9500	0.06000	4.5505	0.42030	0.18301	22	-1.43	7%	0
004.00	Fiber, Crude Asbestos Free (%)	2004	4.0000	0.10000	4.5505	0.42030	0.18301	22	-1.31	6%	0
004.00	Fiber, Crude Asbestos Free (%)	0164	4.2500	0.30000	4.5505	0.42030	0.18301	22	-0.71	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0298	4.3000	0.02000	4.5505	0.42030	0.18301	22	-0.60	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0353	4.3200	0.06000	4.5505	0.42030	0.18301	22	-0.55	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0596	4.3950	0.01000	4.5505	0.42030	0.18301	22	-0.37	2%	0
004.00	Fiber, Crude Asbestos Free (%)	2076	4.3950	0.35000	4.5505	0.42030	0.18301	22	-0.37	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0194	4.4050	0.03000	4.5505	0.42030	0.18301	22	-0.35	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0354	4.5350	0.05000	4.5505	0.42030	0.18301	22	-0.04	0%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	4.6400	0.10000	4.5505	0.42030	0.18301	22	0.21	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0425	4.6500	0.10000	4.5505	0.42030	0.18301	22	0.24	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0511	4.7000	0.20000	4.5505	0.42030	0.18301	22	0.36	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0226	4.7000	0.40000	4.5505	0.42030	0.18301	22	0.36	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0345	4.7750	0.15000	4.5505	0.42030	0.18301	22	0.53	2%	0
004.00	Fiber, Crude Asbestos Free (%)	0309	4.7909	0.48630	4.5505	0.42030	0.18301	22	0.57	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0175	4.8350	0.13000	4.5505	0.42030	0.18301	22	0.68	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0337	4.9100	0.38000	4.5505	0.42030	0.18301	22	0.86	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude Asbestos Free (%)	0208	5.1300	0.46000	4.5505	0.42030	0.18301	22	1.38	6%	0
004.00	Fiber, Crude Asbestos Free (%)	0876	5.4650	0.33000	4.5505	0.42030	0.18301	22	2.18	10%	0
004.00	Fiber, Crude Asbestos Free (%)	2073	10.980	0.10000	4.5505	0.42030	0.18301	22	15.30	71%	0
004.00	Fiber, Crude Asbestos Free (%)	0504	8.5300	4.6400	4.5505	0.42030	0.18301	22	9.47	44%	1
004.01	Fiber, Sing Filt (%)	0045	5.5850	0.73000			0.73000	1			
004.03	Fiber, Fritted Glass (%)	2089	2.8350	0.33000	4.5663	0.99388	0.23167	6	-1.74	19%	0
004.03	Fiber, Fritted Glass (%)	0921	3.8600	0.22000	4.5663	0.99388	0.23167	6	-0.71	8%	0
004.03	Fiber, Fritted Glass (%)	2068	4.6300	0.02000	4.5663	0.99388	0.23167	6	0.06	1%	0
004.03	Fiber, Fritted Glass (%)	0685	4.8350	0.37000	4.5663	0.99388	0.23167	6	0.27	3%	0
004.03	Fiber, Fritted Glass (%)	2058	5.1950	0.27000	4.5663	0.99388	0.23167	6	0.63	7%	0
004.03	Fiber, Fritted Glass (%)	0626	5.6300	0.18000	4.5663	0.99388	0.23167	6	1.07	12%	0
004.03	Fiber, Fritted Glass (%)	0693	6.2500	1.3200	4.5663	0.99388	0.23167	6	1.69	18%	1
004.06	Fiber, Fibertec (%)	0893	3.8350	0.03000	4.4969	0.42880	0.14577	37	-1.54	7%	0
004.06	Fiber, Fibertec (%)	0720	3.9050	0.11000	4.4969	0.42880	0.14577	37	-1.38	7%	0
004.06	Fiber, Fibertec (%)	0918	3.9300	0.50000	4.4969	0.42880	0.14577	37	-1.32	6%	0
004.06	Fiber, Fibertec (%)	0620	3.9549	0.00070	4.4969	0.42880	0.14577	37	-1.26	6%	0
004.06	Fiber, Fibertec (%)	0552	3.9650	0.25000	4.4969	0.42880	0.14577	37	-1.24	6%	0
004.06	Fiber, Fibertec (%)	0675	4.0000	0.02000	4.4969	0.42880	0.14577	37	-1.16	6%	0
004.06	Fiber, Fibertec (%)	0590	4.0500	0.10000	4.4969	0.42880	0.14577	37	-1.04	5%	0
004.06	Fiber, Fibertec (%)	0689	4.1000	0.20000	4.4969	0.42880	0.14577	37	-0.93	4%	0
004.06	Fiber, Fibertec (%)	0728	4.2150	0.05000	4.4969	0.42880	0.14577	37	-0.66	3%	0
004.06	Fiber, Fibertec (%)	0512	4.2185	0.23500	4.4969	0.42880	0.14577	37	-0.65	3%	0
004.06	Fiber, Fibertec (%)	0941	4.2950	0.07000	4.4969	0.42880	0.14577	37	-0.47	2%	0
004.06	Fiber, Fibertec (%)	2091	4.2950	0.13000	4.4969	0.42880	0.14577	37	-0.47	2%	0
004.06	Fiber, Fibertec (%)	0674	4.3000	0.12000	4.4969	0.42880	0.14577	37	-0.46	2%	0
004.06	Fiber, Fibertec (%)	0885	4.3400	0.00000	4.4969	0.42880	0.14577	37	-0.37	2%	0
004.06	Fiber, Fibertec (%)	0653	4.3450	0.05000	4.4969	0.42880	0.14577	37	-0.35	2%	0
004.06	Fiber, Fibertec (%)	0098	4.3750	0.15000	4.4969	0.42880	0.14577	37	-0.28	1%	0
004.06	Fiber, Fibertec (%)	0868	4.4200	0.04000	4.4969	0.42880	0.14577	37	-0.18	1%	0
004.06	Fiber, Fibertec (%)	0038	4.4450	0.51000	4.4969	0.42880	0.14577	37	-0.12	1%	0
004.06	Fiber, Fibertec (%)	0676	4.5000	0.26000	4.4969	0.42880	0.14577	37	0.01	0%	0
004.06	Fiber, Fibertec (%)	0897	4.5500	0.02000	4.4969	0.42880	0.14577	37	0.12	1%	0
004.06	Fiber, Fibertec (%)	0027	4.6200	0.13200	4.4969	0.42880	0.14577	37	0.29	1%	0
004.06	Fiber, Fibertec (%)	0903	4.6550	0.01000	4.4969	0.42880	0.14577	37	0.37	2%	0
004.06	Fiber, Fibertec (%)	0205	4.6750	0.51000	4.4969	0.42880	0.14577	37	0.42	2%	0
004.06	Fiber, Fibertec (%)	0952	4.7050	0.01000	4.4969	0.42880	0.14577	37	0.49	2%	0
004.06	Fiber, Fibertec (%)	0895	4.7150	0.01000	4.4969	0.42880	0.14577	37	0.51	2%	0
004.06	Fiber, Fibertec (%)	2067	4.7255	0.11700	4.4969	0.42880	0.14577	37	0.53	3%	0
004.06	Fiber, Fibertec (%)	2062	4.7575	0.02890	4.4969	0.42880	0.14577	37	0.61	3%	0
004.06	Fiber, Fibertec (%)	0934	4.7850	0.03000	4.4969	0.42880	0.14577	37	0.67	3%	0
004.06	Fiber, Fibertec (%)	0968	4.7910	0.03000	4.4969	0.42880	0.14577	37	0.69	3%	0
004.06	Fiber, Fibertec (%)	0638	4.8000	0.20000	4.4969	0.42880	0.14577	37	0.71	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0948	4.8100	0.30000	4.4969	0.42880	0.14577	37	0.73	3%	0
004.06	Fiber, Fibertec (%)	0199	4.8450	0.25000	4.4969	0.42880	0.14577	37	0.81	4%	0
004.06	Fiber, Fibertec (%)	2086	4.8950	0.01000	4.4969	0.42880	0.14577	37	0.93	4%	0
004.06	Fiber, Fibertec (%)	0673	5.1500	0.50000	4.4969	0.42880	0.14577	37	1.52	7%	0
004.06	Fiber, Fibertec (%)	2006	5.2150	0.05000	4.4969	0.42880	0.14577	37	1.67	8%	0
004.06	Fiber, Fibertec (%)	0845	5.2200	0.34000	4.4969	0.42880	0.14577	37	1.69	8%	0
004.06	Fiber, Fibertec (%)	0609	6.0700	0.02000	4.4969	0.42880	0.14577	37	3.67	17%	0
004.07	Fiber, ANKOM (%)	0598	1.9500	0.04000	5.2004	0.86938	0.19841	59	-3.74	31%	0
004.07	Fiber, ANKOM (%)	0708	3.8900	0.02000	5.2004	0.86938	0.19841	59	-1.51	13%	0
004.07	Fiber, ANKOM (%)	0956	3.9000	0.00000	5.2004	0.86938	0.19841	59	-1.50	13%	0
004.07	Fiber, ANKOM (%)	0505	4.0400	0.16000	5.2004	0.86938	0.19841	59	-1.33	11%	0
004.07	Fiber, ANKOM (%)	0646	4.2700	0.10000	5.2004	0.86938	0.19841	59	-1.07	9%	0
004.07	Fiber, ANKOM (%)	0008	4.3300	0.00000	5.2004	0.86938	0.19841	59	-1.00	8%	0
004.07	Fiber, ANKOM (%)	0098	4.3800	0.22000	5.2004	0.86938	0.19841	59	-0.94	8%	0
004.07	Fiber, ANKOM (%)	0413	4.4000	0.60000	5.2004	0.86938	0.19841	59	-0.92	8%	0
004.07	Fiber, ANKOM (%)	2012	4.4000	0.08000	5.2004	0.86938	0.19841	59	-0.92	8%	0
004.07	Fiber, ANKOM (%)	0643	4.4250	0.21000	5.2004	0.86938	0.19841	59	-0.89	7%	0
004.07	Fiber, ANKOM (%)	0294	4.4500	0.10000	5.2004	0.86938	0.19841	59	-0.86	7%	0
004.07	Fiber, ANKOM (%)	0619	4.4600	0.40000	5.2004	0.86938	0.19841	59	-0.85	7%	0
004.07	Fiber, ANKOM (%)	0032	4.5500	0.50000	5.2004	0.86938	0.19841	59	-0.75	6%	0
004.07	Fiber, ANKOM (%)	0100	4.5800	0.10000	5.2004	0.86938	0.19841	59	-0.71	6%	0
004.07	Fiber, ANKOM (%)	0726	4.6000	0.00000	5.2004	0.86938	0.19841	59	-0.69	6%	0
004.07	Fiber, ANKOM (%)	0723	4.6369	0.00000	5.2004	0.86938	0.19841	59	-0.65	5%	0
004.07	Fiber, ANKOM (%)	2058	4.6750	0.31000	5.2004	0.86938	0.19841	59	-0.60	5%	0
004.07	Fiber, ANKOM (%)	0948	4.6900	0.04000	5.2004	0.86938	0.19841	59	-0.59	5%	0
004.07	Fiber, ANKOM (%)	0035	4.7050	0.01000	5.2004	0.86938	0.19841	59	-0.57	5%	0
004.07	Fiber, ANKOM (%)	0910	4.7500	0.10000	5.2004	0.86938	0.19841	59	-0.52	4%	0
004.07	Fiber, ANKOM (%)	0861	4.7600	0.12000	5.2004	0.86938	0.19841	59	-0.51	4%	0
004.07	Fiber, ANKOM (%)	0354	4.7900	0.06000	5.2004	0.86938	0.19841	59	-0.47	4%	0
004.07	Fiber, ANKOM (%)	0123	4.8300	0.02000	5.2004	0.86938	0.19841	59	-0.43	4%	0
004.07	Fiber, ANKOM (%)	0683	4.8550	0.17000	5.2004	0.86938	0.19841	59	-0.40	3%	0
004.07	Fiber, ANKOM (%)	0178	4.8900	0.20000	5.2004	0.86938	0.19841	59	-0.36	3%	0
004.07	Fiber, ANKOM (%)	0955	4.8950	0.01000	5.2004	0.86938	0.19841	59	-0.35	3%	0
004.07	Fiber, ANKOM (%)	0190	5.0000	0.20000	5.2004	0.86938	0.19841	59	-0.23	2%	0
004.07	Fiber, ANKOM (%)	0536	5.0050	0.05000	5.2004	0.86938	0.19841	59	-0.22	2%	0
004.07	Fiber, ANKOM (%)	0300	5.0415	0.20300	5.2004	0.86938	0.19841	59	-0.18	2%	0
004.07	Fiber, ANKOM (%)	0034	5.0500	0.50000	5.2004	0.86938	0.19841	59	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0581	5.0500	0.30000	5.2004	0.86938	0.19841	59	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0520	5.0900	0.72000	5.2004	0.86938	0.19841	59	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0083	5.1450	0.27000	5.2004	0.86938	0.19841	59	-0.06	1%	0
004.07	Fiber, ANKOM (%)	0407	5.1600	0.30000	5.2004	0.86938	0.19841	59	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0278	5.2000	0.20000	5.2004	0.86938	0.19841	59	0.00	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0033	5.2700	0.24000	5.2004	0.86938	0.19841	59	0.08	1%	0
004.07	Fiber, ANKOM (%)	0265	5.3300	0.08000	5.2004	0.86938	0.19841	59	0.15	1%	0
004.07	Fiber, ANKOM (%)	0849	5.4000	0.18000	5.2004	0.86938	0.19841	59	0.23	2%	0
004.07	Fiber, ANKOM (%)	0229	5.4500	0.10000	5.2004	0.86938	0.19841	59	0.29	2%	0
004.07	Fiber, ANKOM (%)	2053	5.5200	0.18000	5.2004	0.86938	0.19841	59	0.37	3%	0
004.07	Fiber, ANKOM (%)	0563	5.5372	0.12890	5.2004	0.86938	0.19841	59	0.39	3%	0
004.07	Fiber, ANKOM (%)	0510	5.8000	0.20000	5.2004	0.86938	0.19841	59	0.69	6%	0
004.07	Fiber, ANKOM (%)	0553	5.8600	0.60000	5.2004	0.86938	0.19841	59	0.76	6%	0
004.07	Fiber, ANKOM (%)	0066	5.8950	0.39000	5.2004	0.86938	0.19841	59	0.80	7%	0
004.07	Fiber, ANKOM (%)	0074	5.9300	0.00000	5.2004	0.86938	0.19841	59	0.84	7%	0
004.07	Fiber, ANKOM (%)	0889	6.0050	0.19000	5.2004	0.86938	0.19841	59	0.93	8%	0
004.07	Fiber, ANKOM (%)	0009	6.0850	0.13000	5.2004	0.86938	0.19841	59	1.02	9%	0
004.07	Fiber, ANKOM (%)	0529	6.1500	0.06000	5.2004	0.86938	0.19841	59	1.09	9%	0
004.07	Fiber, ANKOM (%)	0089	6.2200	0.02000	5.2004	0.86938	0.19841	59	1.17	10%	0
004.07	Fiber, ANKOM (%)	0297	6.3150	0.07000	5.2004	0.86938	0.19841	59	1.28	11%	0
004.07	Fiber, ANKOM (%)	2075	6.4500	0.10000	5.2004	0.86938	0.19841	59	1.44	12%	0
004.07	Fiber, ANKOM (%)	0144	7.0250	0.53000	5.2004	0.86938	0.19841	59	2.10	18%	0
004.07	Fiber, ANKOM (%)	0870	7.2306	0.14420	5.2004	0.86938	0.19841	59	2.34	20%	0
004.07	Fiber, ANKOM (%)	0202	7.2500	0.14000	5.2004	0.86938	0.19841	59	2.36	20%	0
004.07	Fiber, ANKOM (%)	0015	7.4150	0.13000	5.2004	0.86938	0.19841	59	2.55	21%	0
004.07	Fiber, ANKOM (%)	0939	7.5800	0.82000	5.2004	0.86938	0.19841	59	2.74	23%	0
004.07	Fiber, ANKOM (%)	0613	7.9750	0.55000	5.2004	0.86938	0.19841	59	3.19	27%	0
004.07	Fiber, ANKOM (%)	0019	9.8000	0.08000	5.2004	0.86938	0.19841	59	5.29	44%	0
004.07	Fiber, ANKOM (%)	0042	10.375	0.33000	5.2004	0.86938	0.19841	59	5.95	50%	0
004.07	Fiber, ANKOM (%)	0004	11.755	1.1100	5.2004	0.86938	0.19841	59	7.54	63%	1
004.99	Fiber, Miscellaneous (%)	0629	3.9500	0.10000	4.4563	0.69801	0.12250	4	-0.73	6%	0
004.99	Fiber, Miscellaneous (%)	0940	4.0150	0.13000	4.4563	0.69801	0.12250	4	-0.63	5%	0
004.99	Fiber, Miscellaneous (%)	0610	4.4000	0.20000	4.4563	0.69801	0.12250	4	-0.08	1%	0
004.99	Fiber, Miscellaneous (%)	0536	5.4600	0.06000	4.4563	0.69801	0.12250	4	1.44	11%	0
005.00	Ash, 2h @ 600°C (%)	0845	20.970	0.54000	24.515	0.89246	0.28160	94	-3.97	7%	0
005.00	Ash, 2h @ 600°C (%)	0169	21.095	0.61000	24.515	0.89246	0.28160	94	-3.83	7%	0
005.00	Ash, 2h @ 600°C (%)	0596	21.465	0.15000	24.515	0.89246	0.28160	94	-3.42	6%	0
005.00	Ash, 2h @ 600°C (%)	0539	21.695	0.37000	24.515	0.89246	0.28160	94	-3.16	6%	0
005.00	Ash, 2h @ 600°C (%)	0278	21.805	0.09000	24.515	0.89246	0.28160	94	-3.04	6%	0
005.00	Ash, 2h @ 600°C (%)	0541	22.325	0.99000	24.515	0.89246	0.28160	94	-2.45	4%	0
005.00	Ash, 2h @ 600°C (%)	2073	22.625	0.35000	24.515	0.89246	0.28160	94	-2.12	4%	0
005.00	Ash, 2h @ 600°C (%)	0194	22.685	0.03000	24.515	0.89246	0.28160	94	-2.05	4%	0
005.00	Ash, 2h @ 600°C (%)	0964	22.765	1.0500	24.515	0.89246	0.28160	94	-1.96	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	22.940	0.30000	24.515	0.89246	0.28160	94	-1.76	3%	0
005.00	Ash, 2h @ 600°C (%)	0598	22.965	0.51000	24.515	0.89246	0.28160	94	-1.74	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	23.015	0.19000	24.515	0.89246	0.28160	94	-1.68	3%	0
005.00	Ash, 2h @ 600°C (%)	0956	23.050	0.70000	24.515	0.89246	0.28160	94	-1.64	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2012	23.140	0.20000	24.515	0.89246	0.28160	94	-1.54	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	23.150	0.30000	24.515	0.89246	0.28160	94	-1.53	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	23.300	0.20000	24.515	0.89246	0.28160	94	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	23.410	0.12000	24.515	0.89246	0.28160	94	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0510	23.460	0.08000	24.515	0.89246	0.28160	94	-1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	23.495	0.15000	24.515	0.89246	0.28160	94	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	23.600	0.24000	24.515	0.89246	0.28160	94	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	23.700	0.20000	24.515	0.89246	0.28160	94	-0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	23.825	1.2100	24.515	0.89246	0.28160	94	-0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	23.850	0.10000	24.515	0.89246	0.28160	94	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	23.880	0.04000	24.515	0.89246	0.28160	94	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	23.950	0.26000	24.515	0.89246	0.28160	94	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	23.950	0.50000	24.515	0.89246	0.28160	94	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0959	23.975	0.71000	24.515	0.89246	0.28160	94	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	24.009	0.00000	24.515	0.89246	0.28160	94	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	24.050	0.30000	24.515	0.89246	0.28160	94	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	24.140	0.02000	24.515	0.89246	0.28160	94	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	24.160	0.02000	24.515	0.89246	0.28160	94	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	24.260	0.06000	24.515	0.89246	0.28160	94	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	24.270	0.06000	24.515	0.89246	0.28160	94	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	24.305	0.01000	24.515	0.89246	0.28160	94	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	24.308	0.01030	24.515	0.89246	0.28160	94	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	24.355	0.31000	24.515	0.89246	0.28160	94	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2067	24.371	0.42800	24.515	0.89246	0.28160	94	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	24.400	0.00000	24.515	0.89246	0.28160	94	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	24.430	0.14000	24.515	0.89246	0.28160	94	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	24.450	0.24590	24.515	0.89246	0.28160	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0943	24.475	0.29000	24.515	0.89246	0.28160	94	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	24.490	0.12000	24.515	0.89246	0.28160	94	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	24.495	0.47000	24.515	0.89246	0.28160	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	24.500	0.60000	24.515	0.89246	0.28160	94	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	24.515	0.01000	24.515	0.89246	0.28160	94	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	24.585	0.27000	24.515	0.89246	0.28160	94	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	24.610	0.28000	24.515	0.89246	0.28160	94	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	24.615	0.37000	24.515	0.89246	0.28160	94	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	24.625	0.01000	24.515	0.89246	0.28160	94	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0958	24.625	0.51000	24.515	0.89246	0.28160	94	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	24.630	0.26000	24.515	0.89246	0.28160	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0008	24.635	0.03000	24.515	0.89246	0.28160	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	24.635	0.09000	24.515	0.89246	0.28160	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	24.645	0.03000	24.515	0.89246	0.28160	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	24.665	0.01000	24.515	0.89246	0.28160	94	0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0004	24.680	0.02000	24.515	0.89246	0.28160	94	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	24.800	0.20000	24.515	0.89246	0.28160	94	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	24.805	0.01000	24.515	0.89246	0.28160	94	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	24.817	0.27020	24.515	0.89246	0.28160	94	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	24.835	0.25000	24.515	0.89246	0.28160	94	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	24.850	0.06000	24.515	0.89246	0.28160	94	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0337	24.865	1.2100	24.515	0.89246	0.28160	94	0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	24.890	0.04000	24.515	0.89246	0.28160	94	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	24.926	0.07130	24.515	0.89246	0.28160	94	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	24.955	0.53000	24.515	0.89246	0.28160	94	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	24.980	0.10000	24.515	0.89246	0.28160	94	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	24.985	0.21000	24.515	0.89246	0.28160	94	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	25.015	0.03000	24.515	0.89246	0.28160	94	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	25.030	0.50000	24.515	0.89246	0.28160	94	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	25.096	0.19200	24.515	0.89246	0.28160	94	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	25.105	0.25000	24.515	0.89246	0.28160	94	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	25.105	0.07000	24.515	0.89246	0.28160	94	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	25.115	0.45000	24.515	0.89246	0.28160	94	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	25.125	0.05000	24.515	0.89246	0.28160	94	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	25.170	0.32000	24.515	0.89246	0.28160	94	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	25.185	0.31000	24.515	0.89246	0.28160	94	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	25.200	0.52000	24.515	0.89246	0.28160	94	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	25.204	0.34140	24.515	0.89246	0.28160	94	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	25.225	0.47000	24.515	0.89246	0.28160	94	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	25.245	0.51000	24.515	0.89246	0.28160	94	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	25.525	0.21000	24.515	0.89246	0.28160	94	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0152	25.550	0.10000	24.515	0.89246	0.28160	94	1.16	2%	0
005.00	Ash, 2h @ 600°C (%)	0620	25.550	0.65000	24.515	0.89246	0.28160	94	1.16	2%	0
005.00	Ash, 2h @ 600°C (%)	0651	25.612	0.00600	24.515	0.89246	0.28160	94	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	25.655	0.03000	24.515	0.89246	0.28160	94	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	25.660	0.72000	24.515	0.89246	0.28160	94	1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	25.695	0.33000	24.515	0.89246	0.28160	94	1.32	2%	0
005.00	Ash, 2h @ 600°C (%)	0553	25.915	0.45000	24.515	0.89246	0.28160	94	1.57	3%	0
005.00	Ash, 2h @ 600°C (%)	0229	25.960	0.28000	24.515	0.89246	0.28160	94	1.62	3%	0
005.00	Ash, 2h @ 600°C (%)	0630	25.965	0.21000	24.515	0.89246	0.28160	94	1.63	3%	0
005.00	Ash, 2h @ 600°C (%)	0660	25.980	0.32000	24.515	0.89246	0.28160	94	1.64	3%	0
005.00	Ash, 2h @ 600°C (%)	0968	26.162	0.09300	24.515	0.89246	0.28160	94	1.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	26.170	0.84000	24.515	0.89246	0.28160	94	1.85	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	27.215	0.10200	24.515	0.89246	0.28160	94	3.03	6%	0
005.00	Ash, 2h @ 600°C (%)	0960	22.385	3.1100	24.515	0.89246	0.28160	94	-2.39	4%	1
005.00	Ash, 2h @ 600°C (%)	0520	23.305	2.6300	24.515	0.89246	0.28160	94	-1.36	2%	1
005.05	Ash, 3h @ 550°C (%)	0897	23.350	0.10000	24.873	0.61800	0.20223	27	-2.46	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	2058	23.990	0.12000	24.873	0.61800	0.20223	27	-1.43	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	24.070	0.22000	24.873	0.61800	0.20223	27	-1.30	2%	0
005.05	Ash, 3h @ 550°C (%)	0590	24.100	0.80000	24.873	0.61800	0.20223	27	-1.25	2%	0
005.05	Ash, 3h @ 550°C (%)	0178	24.170	0.02000	24.873	0.61800	0.20223	27	-1.14	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	24.180	0.08000	24.873	0.61800	0.20223	27	-1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0896	24.435	0.03000	24.873	0.61800	0.20223	27	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0934	24.645	0.09000	24.873	0.61800	0.20223	27	-0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	24.665	0.03000	24.873	0.61800	0.20223	27	-0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	24.680	0.12000	24.873	0.61800	0.20223	27	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	2091	24.720	0.28000	24.873	0.61800	0.20223	27	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	24.775	0.33000	24.873	0.61800	0.20223	27	-0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	24.825	0.35000	24.873	0.61800	0.20223	27	-0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	24.915	0.01000	24.873	0.61800	0.20223	27	0.07	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	24.950	0.10000	24.873	0.61800	0.20223	27	0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	24.953	0.01040	24.873	0.61800	0.20223	27	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	25.085	0.19000	24.873	0.61800	0.20223	27	0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	25.105	0.09000	24.873	0.61800	0.20223	27	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	25.140	0.04000	24.873	0.61800	0.20223	27	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	25.145	1.2700	24.873	0.61800	0.20223	27	0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	25.300	0.02000	24.873	0.61800	0.20223	27	0.69	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	25.310	0.48000	24.873	0.61800	0.20223	27	0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	25.355	0.07000	24.873	0.61800	0.20223	27	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	25.675	0.43000	24.873	0.61800	0.20223	27	1.30	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	25.708	0.02970	24.873	0.61800	0.20223	27	1.35	2%	0
005.05	Ash, 3h @ 550°C (%)	0619	26.250	0.10000	24.873	0.61800	0.20223	27	2.23	3%	0
005.05	Ash, 3h @ 550°C (%)	0720	26.445	0.05000	24.873	0.61800	0.20223	27	2.54	3%	0
005.05	Ash, 3h @ 550°C (%)	0413	24.800	2.0000	24.873	0.61800	0.20223	27	-0.12	0%	1
005.99	Ash, Miscellaneous (%)	0662	19.092	0.10970	24.798	0.58388	0.20997	11	-9.77	12%	0
005.99	Ash, Miscellaneous (%)	2023	23.400	0.02000	24.798	0.58388	0.20997	11	-2.39	3%	0
005.99	Ash, Miscellaneous (%)	0728	23.810	0.22000	24.798	0.58388	0.20997	11	-1.69	2%	0
005.99	Ash, Miscellaneous (%)	2004	24.050	0.30000	24.798	0.58388	0.20997	11	-1.28	2%	0
005.99	Ash, Miscellaneous (%)	0202	24.795	0.09000	24.798	0.58388	0.20997	11	0.00	0%	0
005.99	Ash, Miscellaneous (%)	0676	24.985	0.25000	24.798	0.58388	0.20997	11	0.32	0%	0
005.99	Ash, Miscellaneous (%)	0629	25.085	0.01000	24.798	0.58388	0.20997	11	0.49	1%	0
005.99	Ash, Miscellaneous (%)	0574	25.125	0.21000	24.798	0.58388	0.20997	11	0.56	1%	0
005.99	Ash, Miscellaneous (%)	0673	25.300	0.40000	24.798	0.58388	0.20997	11	0.86	1%	0
005.99	Ash, Miscellaneous (%)	0536	25.345	0.39000	24.798	0.58388	0.20997	11	0.94	1%	0
005.99	Ash, Miscellaneous (%)	0613	25.405	0.31000	24.798	0.58388	0.20997	11	1.04	1%	0
005.99	Ash, Miscellaneous (%)	0652	25.650	1.1000	24.798	0.58388	0.20997	11	1.46	2%	1
006.00	Total sugars, As sucrose (%)	0939	1.5250	0.21000			0.21000	1			
006.01	Total sugars, Mod. Fehling Soln (%)	0407	1.6300	0.10000			0.10000	1			
006.99	Total sugars, Miscellaneous (%)	2066	0.49000	0.02000	2.7817	2.2583	0.23667	3	-1.01	41%	0

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006.99	Total sugars, Miscellaneous (%)	0956	2.8500	0.30000	2.7817	2.2583	0.23667	3	0.03	1%	0
006.99	Total sugars, Miscellaneous (%)	2004	5.0050	0.39000	2.7817	2.2583	0.23667	3	0.98	40%	0
008.02	Fiber, Acid Detergent (%)	0590	5.1000	0.20000	6.7212	0.50086	0.23447	18	-3.24	12%	0
008.02	Fiber, Acid Detergent (%)	0676	5.9250	0.01000	6.7212	0.50086	0.23447	18	-1.59	6%	0
008.02	Fiber, Acid Detergent (%)	0939	6.1750	0.35000	6.7212	0.50086	0.23447	18	-1.09	4%	0
008.02	Fiber, Acid Detergent (%)	0504	6.3900	0.44000	6.7212	0.50086	0.23447	18	-0.66	2%	0
008.02	Fiber, Acid Detergent (%)	2089	6.3950	0.29000	6.7212	0.50086	0.23447	18	-0.65	2%	0
008.02	Fiber, Acid Detergent (%)	0038	6.4300	0.26000	6.7212	0.50086	0.23447	18	-0.58	2%	0
008.02	Fiber, Acid Detergent (%)	0675	6.4400	0.14000	6.7212	0.50086	0.23447	18	-0.56	2%	0
008.02	Fiber, Acid Detergent (%)	0098	6.7050	0.55000	6.7212	0.50086	0.23447	18	-0.03	0%	0
008.02	Fiber, Acid Detergent (%)	0948	6.7300	0.26000	6.7212	0.50086	0.23447	18	0.02	0%	0
008.02	Fiber, Acid Detergent (%)	0309	6.8223	0.50040	6.7212	0.50086	0.23447	18	0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0353	6.8950	0.03000	6.7212	0.50086	0.23447	18	0.35	1%	0
008.02	Fiber, Acid Detergent (%)	0728	6.9000	0.42000	6.7212	0.50086	0.23447	18	0.36	1%	0
008.02	Fiber, Acid Detergent (%)	0148	6.9300	0.02000	6.7212	0.50086	0.23447	18	0.42	2%	0
008.02	Fiber, Acid Detergent (%)	0226	6.9500	0.30000	6.7212	0.50086	0.23447	18	0.46	2%	0
008.02	Fiber, Acid Detergent (%)	0035	6.9950	0.01000	6.7212	0.50086	0.23447	18	0.55	2%	0
008.02	Fiber, Acid Detergent (%)	0609	7.2450	0.09000	6.7212	0.50086	0.23447	18	1.05	4%	0
008.02	Fiber, Acid Detergent (%)	0187	7.6100	0.10000	6.7212	0.50086	0.23447	18	1.77	7%	0
008.02	Fiber, Acid Detergent (%)	0405	12.695	0.25000	6.7212	0.50086	0.23447	18	11.93	44%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	8.2000	0.00000			0.00000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	5.0000	0.32000	6.4024	0.65123	0.25264	39	-2.15	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	5.0350	0.05000	6.4024	0.65123	0.25264	39	-2.10	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	5.5737	0.01750	6.4024	0.65123	0.25264	39	-1.27	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	5.5950	0.03000	6.4024	0.65123	0.25264	39	-1.24	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	5.6150	0.13000	6.4024	0.65123	0.25264	39	-1.21	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	5.7400	0.32000	6.4024	0.65123	0.25264	39	-1.02	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.7800	0.16000	6.4024	0.65123	0.25264	39	-0.96	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	5.8100	0.16000	6.4024	0.65123	0.25264	39	-0.91	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	5.8200	0.30000	6.4024	0.65123	0.25264	39	-0.89	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	5.9400	0.24000	6.4024	0.65123	0.25264	39	-0.71	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	5.9500	0.10000	6.4024	0.65123	0.25264	39	-0.69	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.0000	0.60000	6.4024	0.65123	0.25264	39	-0.62	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.0000	0.00000	6.4024	0.65123	0.25264	39	-0.62	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	6.2300	0.00000	6.4024	0.65123	0.25264	39	-0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	6.2505	0.73570	6.4024	0.65123	0.25264	39	-0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	6.2600	0.12000	6.4024	0.65123	0.25264	39	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	6.2900	0.18000	6.4024	0.65123	0.25264	39	-0.17	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.3000	0.40000	6.4024	0.65123	0.25264	39	-0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.3500	0.18000	6.4024	0.65123	0.25264	39	-0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.3500	0.30000	6.4024	0.65123	0.25264	39	-0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.4600	0.78000	6.4024	0.65123	0.25264	39	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	6.5000	0.06000	6.4024	0.65123	0.25264	39	0.15	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	6.5550	0.55000	6.4024	0.65123	0.25264	39	0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	6.5550	0.11000	6.4024	0.65123	0.25264	39	0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	6.5600	0.06000	6.4024	0.65123	0.25264	39	0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.6500	0.10000	6.4024	0.65123	0.25264	39	0.38	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	6.7300	0.48000	6.4024	0.65123	0.25264	39	0.50	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	6.8200	0.18000	6.4024	0.65123	0.25264	39	0.64	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.8250	0.79000	6.4024	0.65123	0.25264	39	0.65	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.8650	0.07000	6.4024	0.65123	0.25264	39	0.71	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	6.9000	0.48000	6.4024	0.65123	0.25264	39	0.76	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	6.9000	0.18000	6.4024	0.65123	0.25264	39	0.76	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	7.0150	0.01000	6.4024	0.65123	0.25264	39	0.94	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.1550	0.29000	6.4024	0.65123	0.25264	39	1.16	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	7.2300	0.08000	6.4024	0.65123	0.25264	39	1.27	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	7.2400	0.28000	6.4024	0.65123	0.25264	39	1.29	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	7.2700	0.62000	6.4024	0.65123	0.25264	39	1.33	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	7.9000	0.20000	6.4024	0.65123	0.25264	39	2.30	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	8.5441	0.18980	6.4024	0.65123	0.25264	39	3.29	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	14.200	0.64000	6.4024	0.65123	0.25264	39	11.97	61%	2
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	5.8500	0.30000			0.30000	1			
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	11.035	0.37000			0.37000	1			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	10.800	0.20000	12.519	1.2898	0.14187	11	-1.33	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	11.020	0.16000	12.519	1.2898	0.14187	11	-1.16	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	11.250	0.10000	12.519	1.2898	0.14187	11	-0.98	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	12.250	0.10000	12.519	1.2898	0.14187	11	-0.21	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	12.385	0.13000	12.519	1.2898	0.14187	11	-0.10	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	12.640	0.32000	12.519	1.2898	0.14187	11	0.09	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	12.780	0.02000	12.519	1.2898	0.14187	11	0.20	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	13.000	0.20000	12.519	1.2898	0.14187	11	0.37	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	13.450	0.08000	12.519	1.2898	0.14187	11	0.72	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	13.652	0.00060	12.519	1.2898	0.14187	11	0.88	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	14.835	0.25000	12.519	1.2898	0.14187	11	1.80	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2089	12.215	1.1300	12.519	1.2898	0.14187	11	-0.24	1%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	9.7550	0.01000	12.398	1.0886	0.43972	41	-2.43	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	10.800	1.6000	12.398	1.0886	0.43972	41	-1.47	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0910	10.800	1.0000	12.398	1.0886	0.43972	41	-1.47	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	11.150	0.50000	12.398	1.0886	0.43972	41	-1.15	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	11.315	0.39000	12.398	1.0886	0.43972	41	-0.99	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	11.350	0.50000	12.398	1.0886	0.43972	41	-0.96	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	11.415	0.27000	12.398	1.0886	0.43972	41	-0.90	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	11.500	0.11360	12.398	1.0886	0.43972	41	-0.82	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	11.504	0.15750	12.398	1.0886	0.43972	41	-0.82	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	11.600	0.20000	12.398	1.0886	0.43972	41	-0.73	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	11.600	0.86000	12.398	1.0886	0.43972	41	-0.73	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	11.620	0.64000	12.398	1.0886	0.43972	41	-0.71	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	11.650	0.10000	12.398	1.0886	0.43972	41	-0.69	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	11.850	0.00000	12.398	1.0886	0.43972	41	-0.50	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	12.005	0.85000	12.398	1.0886	0.43972	41	-0.36	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	12.088	0.00940	12.398	1.0886	0.43972	41	-0.28	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	12.135	0.25000	12.398	1.0886	0.43972	41	-0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	12.150	0.10000	12.398	1.0886	0.43972	41	-0.23	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	12.195	0.15000	12.398	1.0886	0.43972	41	-0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	12.250	1.1000	12.398	1.0886	0.43972	41	-0.14	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	12.315	0.71000	12.398	1.0886	0.43972	41	-0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	12.350	0.02000	12.398	1.0886	0.43972	41	-0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	12.405	0.13000	12.398	1.0886	0.43972	41	0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	12.510	0.04000	12.398	1.0886	0.43972	41	0.10	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	12.580	0.56000	12.398	1.0886	0.43972	41	0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	12.600	1.1600	12.398	1.0886	0.43972	41	0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	12.710	0.34000	12.398	1.0886	0.43972	41	0.29	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	12.860	0.12000	12.398	1.0886	0.43972	41	0.42	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	12.895	0.17000	12.398	1.0886	0.43972	41	0.46	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	12.920	0.40000	12.398	1.0886	0.43972	41	0.48	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	13.050	0.90000	12.398	1.0886	0.43972	41	0.60	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	13.485	0.03000	12.398	1.0886	0.43972	41	1.00	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	13.500	0.80000	12.398	1.0886	0.43972	41	1.01	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2067	13.573	0.11500	12.398	1.0886	0.43972	41	1.08	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	13.695	0.99000	12.398	1.0886	0.43972	41	1.19	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	13.800	0.20000	12.398	1.0886	0.43972	41	1.29	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	13.805	0.61000	12.398	1.0886	0.43972	41	1.29	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	13.845	1.0300	12.398	1.0886	0.43972	41	1.33	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	13.850	0.10000	12.398	1.0886	0.43972	41	1.33	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	14.597	0.33290	12.398	1.0886	0.43972	41	2.02	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	19.885	0.47000	12.398	1.0886	0.43972	41	6.88	30%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0638	12.850	0.10000	13.578	0.73001	0.35167	3	-1.00	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	2067	13.573	0.11500	13.578	0.73001	0.35167	3	-0.01	0%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	14.310	0.84000	13.578	0.73001	0.35167	3	1.00	3%	0
010.03	Moisture, Karl-Fischer (%)	0843	5.6850	0.95000	5.8350	0.13748	0.69667	3	-1.09	1%	0
010.03	Moisture, Karl-Fischer (%)	0164	5.8650	0.87000	5.8350	0.13748	0.69667	3	0.22	0%	0
010.03	Moisture, Karl-Fischer (%)	0208	5.9550	0.27000	5.8350	0.13748	0.69667	3	0.87	1%	0
010.11	Moisture, NIR (%)	0038	5.1750	0.13000			0.13000	1			
010.99	Moisture, Miscellaneous (%)	0168	6.2500	0.04000	8.4269	2.1052	0.18056	10	-1.03	13%	0
010.99	Moisture, Miscellaneous (%)	0964	6.3850	0.01000	8.4269	2.1052	0.18056	10	-0.97	12%	0
010.99	Moisture, Miscellaneous (%)	0948	7.0197	0.04560	8.4269	2.1052	0.18056	10	-0.67	8%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
010.99	Moisture, Miscellaneous (%)	0673	7.2500	0.10000	8.4269	2.1052	0.18056	10	-0.56	7%	0
010.99	Moisture, Miscellaneous (%)	2089	7.9950	0.33000	8.4269	2.1052	0.18056	10	-0.21	3%	0
010.99	Moisture, Miscellaneous (%)	2004	8.2950	0.39000	8.4269	2.1052	0.18056	10	-0.06	1%	0
010.99	Moisture, Miscellaneous (%)	0952	8.6250	0.35000	8.4269	2.1052	0.18056	10	0.09	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.8600	0.26000	8.4269	2.1052	0.18056	10	0.68	9%	0
010.99	Moisture, Miscellaneous (%)	0405	11.285	0.15000	8.4269	2.1052	0.18056	10	1.36	17%	0
010.99	Moisture, Miscellaneous (%)	0943	14.165	0.13000	8.4269	2.1052	0.18056	10	2.73	34%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.1500	0.10000	12.213	1.4532	0.29706	68	-2.11	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.1850	0.23000	12.213	1.4532	0.29706	68	-2.08	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.1950	0.37000	12.213	1.4532	0.29706	68	-2.08	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.3150	0.23000	12.213	1.4532	0.29706	68	-1.99	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.7550	0.01000	12.213	1.4532	0.29706	68	-1.69	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.8000	0.00000	12.213	1.4532	0.29706	68	-1.66	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.8220	0.05600	12.213	1.4532	0.29706	68	-1.65	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.9300	0.32000	12.213	1.4532	0.29706	68	-1.57	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.9700	0.26000	12.213	1.4532	0.29706	68	-1.54	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	10.450	0.10000	12.213	1.4532	0.29706	68	-1.21	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.455	0.11000	12.213	1.4532	0.29706	68	-1.21	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.575	0.43000	12.213	1.4532	0.29706	68	-1.13	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	10.635	0.39000	12.213	1.4532	0.29706	68	-1.09	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	11.085	0.17000	12.213	1.4532	0.29706	68	-0.78	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	11.143	0.19220	12.213	1.4532	0.29706	68	-0.74	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	11.245	0.03000	12.213	1.4532	0.29706	68	-0.67	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	11.330	0.56070	12.213	1.4532	0.29706	68	-0.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	11.345	1.7100	12.213	1.4532	0.29706	68	-0.60	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	11.362	0.33220	12.213	1.4532	0.29706	68	-0.59	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	11.410	0.00300	12.213	1.4532	0.29706	68	-0.55	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	11.450	0.90000	12.213	1.4532	0.29706	68	-0.53	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	11.493	0.16340	12.213	1.4532	0.29706	68	-0.50	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	11.627	0.18900	12.213	1.4532	0.29706	68	-0.40	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	11.650	0.10000	12.213	1.4532	0.29706	68	-0.39	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	11.680	0.06000	12.213	1.4532	0.29706	68	-0.37	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	11.685	0.47000	12.213	1.4532	0.29706	68	-0.36	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	11.725	0.45000	12.213	1.4532	0.29706	68	-0.34	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	11.790	0.02000	12.213	1.4532	0.29706	68	-0.29	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	11.825	0.05000	12.213	1.4532	0.29706	68	-0.27	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	12.000	0.02000	12.213	1.4532	0.29706	68	-0.15	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	12.015	0.03000	12.213	1.4532	0.29706	68	-0.14	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	12.160	0.50000	12.213	1.4532	0.29706	68	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	12.255	0.53000	12.213	1.4532	0.29706	68	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	12.280	0.02000	12.213	1.4532	0.29706	68	0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	12.300	0.20000	12.213	1.4532	0.29706	68	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0171	12.505	0.39000	12.213	1.4532	0.29706	68	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0039	12.511	0.17140	12.213	1.4532	0.29706	68	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	12.550	0.04000	12.213	1.4532	0.29706	68	0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	12.570	0.02000	12.213	1.4532	0.29706	68	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	12.580	0.36000	12.213	1.4532	0.29706	68	0.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	12.640	0.02000	12.213	1.4532	0.29706	68	0.29	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	12.815	0.03000	12.213	1.4532	0.29706	68	0.41	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	12.825	1.0900	12.213	1.4532	0.29706	68	0.42	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	12.865	0.03000	12.213	1.4532	0.29706	68	0.45	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	12.885	1.8900	12.213	1.4532	0.29706	68	0.46	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	12.979	0.05800	12.213	1.4532	0.29706	68	0.53	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	13.020	1.0000	12.213	1.4532	0.29706	68	0.56	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	13.060	0.00000	12.213	1.4532	0.29706	68	0.58	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	13.085	0.43000	12.213	1.4532	0.29706	68	0.60	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0008	13.095	0.45000	12.213	1.4532	0.29706	68	0.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	13.195	0.21000	12.213	1.4532	0.29706	68	0.68	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	13.225	0.13000	12.213	1.4532	0.29706	68	0.70	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	13.300	1.6000	12.213	1.4532	0.29706	68	0.75	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	13.385	0.45000	12.213	1.4532	0.29706	68	0.81	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	13.410	0.02000	12.213	1.4532	0.29706	68	0.82	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	13.475	0.21000	12.213	1.4532	0.29706	68	0.87	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	13.510	0.12000	12.213	1.4532	0.29706	68	0.89	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2067	13.531	0.06400	12.213	1.4532	0.29706	68	0.91	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	13.555	0.15000	12.213	1.4532	0.29706	68	0.92	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	13.560	0.14000	12.213	1.4532	0.29706	68	0.93	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	13.575	0.21000	12.213	1.4532	0.29706	68	0.94	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	13.760	0.00000	12.213	1.4532	0.29706	68	1.06	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	14.435	0.05000	12.213	1.4532	0.29706	68	1.53	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	14.470	0.06000	12.213	1.4532	0.29706	68	1.55	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	14.495	1.0500	12.213	1.4532	0.29706	68	1.57	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	14.515	0.11000	12.213	1.4532	0.29706	68	1.58	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	14.740	0.08000	12.213	1.4532	0.29706	68	1.74	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	15.490	0.26000	12.213	1.4532	0.29706	68	2.25	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	11.380	2.9000	12.213	1.4532	0.29706	68	-0.57	3%	1
011.01	Loss on Drying, 135°C 2hr (%)	0876	12.655	3.0900	12.213	1.4532	0.29706	68	0.30	2%	1
011.02	Loss on drying, 130°C for 2 hours (%)	0942	9.9550	0.49000			0.25500	2	-0.71	7%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	13.130	0.02000			0.25500	2	0.71	7%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	7.1000	0.40000	9.2775	2.2415	0.15500	4	-0.97	12%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.5150	0.03000	9.2775	2.2415	0.15500	4	-0.34	4%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.1000	0.00000	9.2775	2.2415	0.15500	4	-0.08	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	12.395	0.19000	9.2775	2.2415	0.15500	4	1.39	17%	0
012.00	Starch, Polarimetric (Ewers) (%)	0673	2.4500	0.50000	4.3332	0.50160	0.15100	10	-3.75	22%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.00	Starch, Polarimetric (Ewers) (%)	0354	3.6700	0.06000	4.3332	0.50160	0.15100	10	-1.32	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	4.0850	0.07000	4.3332	0.50160	0.15100	10	-0.49	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	4.1800	0.10000	4.3332	0.50160	0.15100	10	-0.31	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	4.2850	0.33000	4.3332	0.50160	0.15100	10	-0.10	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	4.3850	0.17000	4.3332	0.50160	0.15100	10	0.10	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	4.4200	0.08000	4.3332	0.50160	0.15100	10	0.17	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	4.6500	0.10000	4.3332	0.50160	0.15100	10	0.63	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	4.9500	0.10000	4.3332	0.50160	0.15100	10	1.23	7%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	5.2700	0.00000	4.3332	0.50160	0.15100	10	1.87	11%	0
012.01	Starch, Megazyme (%)	0676	3.7000	0.06000	4.3485	0.62875	0.17661	7	-1.03	7%	0
012.01	Starch, Megazyme (%)	0870	3.8338	0.12530	4.3485	0.62875	0.17661	7	-0.82	6%	0
012.01	Starch, Megazyme (%)	0956	4.0500	0.10000	4.3485	0.62875	0.17661	7	-0.47	3%	0
012.01	Starch, Megazyme (%)	2004	4.0800	0.26000	4.3485	0.62875	0.17661	7	-0.43	3%	0
012.01	Starch, Megazyme (%)	0613	4.9250	0.09000	4.3485	0.62875	0.17661	7	0.92	7%	0
012.01	Starch, Megazyme (%)	0918	5.2535	0.30100	4.3485	0.62875	0.17661	7	1.44	10%	0
012.01	Starch, Megazyme (%)	0265	6.0500	0.30000	4.3485	0.62875	0.17661	7	2.71	20%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	4.7500	0.24000			0.24000	1			
012.03	Starch, Enzymatic (%)	0885	2.8800	0.08000	3.9100	0.62277	0.10000	5	-1.65	13%	0
012.03	Starch, Enzymatic (%)	0098	3.8800	0.14000	3.9100	0.62277	0.10000	5	-0.05	0%	0
012.03	Starch, Enzymatic (%)	0889	4.1150	0.15000	3.9100	0.62277	0.10000	5	0.33	3%	0
012.03	Starch, Enzymatic (%)	0407	4.1350	0.13000	3.9100	0.62277	0.10000	5	0.36	3%	0
012.03	Starch, Enzymatic (%)	0297	4.5400	0.00000	3.9100	0.62277	0.10000	5	1.01	8%	0
012.04	Starch, YSI Analyzer (%)	0510	3.1000	0.20000	4.0250	0.69707	0.12000	4	-1.33	11%	0
012.04	Starch, YSI Analyzer (%)	0353	3.8900	0.18000	4.0250	0.69707	0.12000	4	-0.19	2%	0
012.04	Starch, YSI Analyzer (%)	0278	4.4500	0.10000	4.0250	0.69707	0.12000	4	0.61	5%	0
012.04	Starch, YSI Analyzer (%)	0948	4.6600	0.00000	4.0250	0.69707	0.12000	4	0.91	8%	0
013.00	Fat, Acid hydrolysis (%)	0083	2.1250	0.15000	2.7577	0.46256	0.11730	18	-1.37	11%	0
013.00	Fat, Acid hydrolysis (%)	2004	2.2500	0.10000	2.7577	0.46256	0.11730	18	-1.10	9%	0
013.00	Fat, Acid hydrolysis (%)	0948	2.3450	0.07000	2.7577	0.46256	0.11730	18	-0.89	7%	0
013.00	Fat, Acid hydrolysis (%)	0297	2.3700	0.02000	2.7577	0.46256	0.11730	18	-0.84	7%	0
013.00	Fat, Acid hydrolysis (%)	0689	2.4500	0.10000	2.7577	0.46256	0.11730	18	-0.67	6%	0
013.00	Fat, Acid hydrolysis (%)	0504	2.4900	0.28000	2.7577	0.46256	0.11730	18	-0.58	5%	0
013.00	Fat, Acid hydrolysis (%)	0910	2.5200	0.28000	2.7577	0.46256	0.11730	18	-0.51	4%	0
013.00	Fat, Acid hydrolysis (%)	2053	2.5200	0.16000	2.7577	0.46256	0.11730	18	-0.51	4%	0
013.00	Fat, Acid hydrolysis (%)	0618	2.5400	0.02000	2.7577	0.46256	0.11730	18	-0.47	4%	0
013.00	Fat, Acid hydrolysis (%)	2023	2.7200	0.06000	2.7577	0.46256	0.11730	18	-0.08	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	2.8659	0.03140	2.7577	0.46256	0.11730	18	0.23	2%	0
013.00	Fat, Acid hydrolysis (%)	2076	2.9200	0.04000	2.7577	0.46256	0.11730	18	0.35	3%	0
013.00	Fat, Acid hydrolysis (%)	0202	3.1800	0.04000	2.7577	0.46256	0.11730	18	0.91	8%	0
013.00	Fat, Acid hydrolysis (%)	0861	3.2650	0.13000	2.7577	0.46256	0.11730	18	1.10	9%	0
013.00	Fat, Acid hydrolysis (%)	0946	3.4400	0.22000	2.7577	0.46256	0.11730	18	1.47	12%	0
013.00	Fat, Acid hydrolysis (%)	2089	3.5550	0.11000	2.7577	0.46256	0.11730	18	1.72	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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013.00	Fat, Acid hydrolysis (%)	0229	3.7500	0.30000	2.7577	0.46256	0.11730	18	2.15	18%	0
013.00	Fat, Acid hydrolysis (%)	0555	9.4000	0.00000	2.7577	0.46256	0.11730	18	14.36	120%	0
013.00	Fat, Acid hydrolysis (%)	0904	2.2450	0.81000	2.7577	0.46256	0.11730	18	-1.11	9%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0208	2.2200	0.04000	2.8106	0.23478	0.17055	26	-2.52	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	2.3250	0.39000	2.8106	0.23478	0.17055	26	-2.07	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	2.4300	0.06000	2.8106	0.23478	0.17055	26	-1.62	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	2.5500	0.30000	2.8106	0.23478	0.17055	26	-1.11	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	2.5750	0.05000	2.8106	0.23478	0.17055	26	-1.00	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	2.6150	0.01000	2.8106	0.23478	0.17055	26	-0.83	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	2.6350	0.25000	2.8106	0.23478	0.17055	26	-0.75	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0004	2.6800	0.26000	2.8106	0.23478	0.17055	26	-0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	2.7050	0.21000	2.8106	0.23478	0.17055	26	-0.45	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	2.7065	0.00420	2.8106	0.23478	0.17055	26	-0.44	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	2.7800	0.00000	2.8106	0.23478	0.17055	26	-0.13	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0876	2.7850	0.35000	2.8106	0.23478	0.17055	26	-0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	2.8050	0.19000	2.8106	0.23478	0.17055	26	-0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	2.8500	0.00000	2.8106	0.23478	0.17055	26	0.17	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	2.8500	0.74000	2.8106	0.23478	0.17055	26	0.17	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0337	2.8850	0.01000	2.8106	0.23478	0.17055	26	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	2.9000	0.12000	2.8106	0.23478	0.17055	26	0.38	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	2.9550	0.03000	2.8106	0.23478	0.17055	26	0.62	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	2.9650	0.29000	2.8106	0.23478	0.17055	26	0.66	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	2.9700	0.00000	2.8106	0.23478	0.17055	26	0.68	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	2.9900	0.34000	2.8106	0.23478	0.17055	26	0.76	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	3.0250	0.23000	2.8106	0.23478	0.17055	26	0.91	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	3.0350	0.09000	2.8106	0.23478	0.17055	26	0.96	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2057	3.0400	0.04000	2.8106	0.23478	0.17055	26	0.98	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	3.4350	0.39000	2.8106	0.23478	0.17055	26	2.66	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	3.4800	0.04000	2.8106	0.23478	0.17055	26	2.85	12%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	3.9600	0.84000	2.8106	0.23478	0.17055	26	4.90	20%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.0900	0.32000			0.32000	1			
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	2.1950	0.09000	2.5506	0.14774	0.06589	9	-2.41	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	2.4500	0.06000	2.5506	0.14774	0.06589	9	-0.68	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	2.4550	0.03000	2.5506	0.14774	0.06589	9	-0.65	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0673	2.5000	0.00000	2.5506	0.14774	0.06589	9	-0.34	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	2.5500	0.10000	2.5506	0.14774	0.06589	9	0.00	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	2.6000	0.00000	2.5506	0.14774	0.06589	9	0.33	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	2.6150	0.13000	2.5506	0.14774	0.06589	9	0.44	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	2.6850	0.13000	2.5506	0.14774	0.06589	9	0.91	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	3.1545	0.05300	2.5506	0.14774	0.06589	9	4.09	12%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	2.7850	0.35000	2.5506	0.14774	0.06589	9	1.59	5%	1
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	2.9050	0.07000	3.4306	0.75475	0.28225	4	-0.70	8%	0



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013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	3.0925	0.48900	3.4306	0.75475	0.28225	4	-0.45	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	3.1750	0.27000	3.4306	0.75475	0.28225	4	-0.34	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.5500	0.30000	3.4306	0.75475	0.28225	4	1.48	16%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	961.36	24.850	1,093.9	121.52	103.70	6	-1.09	6%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	981.76	84.411	1,093.9	121.52	103.70	6	-0.92	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	1,110.1	80.500	1,093.9	121.52	103.70	6	0.13	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	1,122.0	84.000	1,093.9	121.52	103.70	6	0.23	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	1,139.0	38.000	1,093.9	121.52	103.70	6	0.37	2%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	1,249.4	310.45	1,093.9	121.52	103.70	6	1.28	7%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	965.00	191.80			191.80	1			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2058	323.12	7.2600	878.27	230.51	61.044	8	-2.41	32%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	679.00	0.00000	878.27	230.51	61.044	8	-0.86	11%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	773.52	36.030	878.27	230.51	61.044	8	-0.45	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	796.00	204.00	878.27	230.51	61.044	8	-0.36	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	980.39	52.060	878.27	230.51	61.044	8	0.44	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0021	1,025.0	150.00	878.27	230.51	61.044	8	0.64	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	1,035.0	10.000	878.27	230.51	61.044	8	0.68	9%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	1,164.5	29.000	878.27	230.51	61.044	8	1.24	16%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	1,215.0	310.00			310.00	1			
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	8.9000	0.30000			0.25000	2	-0.71	3%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	10.150	0.20000			0.25000	2	0.71	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	8.4850	0.77000	10.456	2.8398	0.54750	4	-0.69	9%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	8.5900	0.32000	10.456	2.8398	0.54750	4	-0.66	9%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.200	1.0000	10.456	2.8398	0.54750	4	-0.09	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	14.550	0.10000	10.456	2.8398	0.54750	4	1.44	20%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	8.3948	3.1571	0.24750	8	-2.66	50%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	4.5000	1.0000	8.3948	3.1571	0.24750	8	-1.23	23%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0038	7.6350	0.47000	8.3948	3.1571	0.24750	8	-0.24	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	8.3500	0.10000	8.3948	3.1571	0.24750	8	-0.01	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	8.7700	0.06000	8.3948	3.1571	0.24750	8	0.12	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	9.6550	0.35000	8.3948	3.1571	0.24750	8	0.40	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	11.000	0.00000	8.3948	3.1571	0.24750	8	0.83	16%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0037	13.700	0.00000	8.3948	3.1571	0.24750	8	1.68	32%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	7.8000	0.00000	8.1263	0.13673	0.03957	17	-2.39	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	7.8250	0.01000	8.1263	0.13673	0.03957	17	-2.20	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	7.9850	0.03000	8.1263	0.13673	0.03957	17	-1.03	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	8.0450	0.03000	8.1263	0.13673	0.03957	17	-0.59	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	8.0500	0.10000	8.1263	0.13673	0.03957	17	-0.56	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	8.0550	0.01000	8.1263	0.13673	0.03957	17	-0.52	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	8.0900	0.02000	8.1263	0.13673	0.03957	17	-0.27	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	8.0983	0.03070	8.1263	0.13673	0.03957	17	-0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	8.1350	0.01000	8.1263	0.13673	0.03957	17	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	8.1450	0.01000	8.1263	0.13673	0.03957	17	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	8.1450	0.09000	8.1263	0.13673	0.03957	17	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	8.1500	0.04000	8.1263	0.13673	0.03957	17	0.17	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	8.2332	0.05000	8.1263	0.13673	0.03957	17	0.78	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	8.2490	0.03000	8.1263	0.13673	0.03957	17	0.90	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	8.2600	0.04000	8.1263	0.13673	0.03957	17	0.98	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	8.3050	0.07000	8.1263	0.13673	0.03957	17	1.31	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	8.6600	0.10200	8.1263	0.13673	0.03957	17	3.90	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	9.1206	0.96230	8.1263	0.13673	0.03957	17	7.27	6%	1
019.02	Calcium, Hach Method (%)	0536	8.0450	0.07000			0.07000	1			
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	8.2245	0.08930			0.08930	1			
019.08	Calcium, EDTA (%)	0940	7.5050	0.41000	7.9779	0.44947	0.12367	9	-1.05	3%	0
019.08	Calcium, EDTA (%)	0138	7.5355	0.14300	7.9779	0.44947	0.12367	9	-0.98	3%	0
019.08	Calcium, EDTA (%)	0689	7.6450	0.09000	7.9779	0.44947	0.12367	9	-0.74	2%	0
019.08	Calcium, EDTA (%)	0885	7.9000	0.02000	7.9779	0.44947	0.12367	9	-0.17	0%	0
019.08	Calcium, EDTA (%)	2086	7.9100	0.02000	7.9779	0.44947	0.12367	9	-0.15	0%	0
019.08	Calcium, EDTA (%)	0629	7.9950	0.01000	7.9779	0.44947	0.12367	9	0.04	0%	0
019.08	Calcium, EDTA (%)	0849	8.2000	0.02000	7.9779	0.44947	0.12367	9	0.49	1%	0
019.08	Calcium, EDTA (%)	0673	8.6500	0.10000	7.9779	0.44947	0.12367	9	1.50	4%	0
019.08	Calcium, EDTA (%)	0852	9.6500	0.30000	7.9779	0.44947	0.12367	9	3.72	10%	0
019.09	Calcium, Ion-selective electrode (%)	2006	9.3845	0.02100			0.02100	1			
019.31	Calcium, AAS, Dry ash (%)	0108	7.1700	0.02000	7.8400	0.33195	0.13480	27	-2.02	4%	0
019.31	Calcium, AAS, Dry ash (%)	0904	7.4200	0.34000	7.8400	0.33195	0.13480	27	-1.27	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	7.4525	0.01100	7.8400	0.33195	0.13480	27	-1.17	2%	0
019.31	Calcium, AAS, Dry ash (%)	0178	7.5435	0.02700	7.8400	0.33195	0.13480	27	-0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0646	7.5450	0.39000	7.8400	0.33195	0.13480	27	-0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	7.5513	0.03850	7.8400	0.33195	0.13480	27	-0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	7.5750	0.15000	7.8400	0.33195	0.13480	27	-0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0596	7.6100	0.04000	7.8400	0.33195	0.13480	27	-0.69	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	7.6600	0.02000	7.8400	0.33195	0.13480	27	-0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	7.6850	0.01000	7.8400	0.33195	0.13480	27	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	7.7250	0.15000	7.8400	0.33195	0.13480	27	-0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	7.7330	0.00000	7.8400	0.33195	0.13480	27	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	7.7350	0.33000	7.8400	0.33195	0.13480	27	-0.32	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	7.8200	0.16000	7.8400	0.33195	0.13480	27	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0152	7.8500	0.10000	7.8400	0.33195	0.13480	27	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0638	7.8700	0.02000	7.8400	0.33195	0.13480	27	0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	7.9900	0.20000	7.8400	0.33195	0.13480	27	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	8.0100	0.02000	7.8400	0.33195	0.13480	27	0.51	1%	0
019.31	Calcium, AAS, Dry ash (%)	0946	8.0550	0.53000	7.8400	0.33195	0.13480	27	0.65	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	8.0700	0.54000	7.8400	0.33195	0.13480	27	0.69	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	8.0790	0.09600	7.8400	0.33195	0.13480	27	0.72	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0014	8.1000	0.08000	7.8400	0.33195	0.13480	27	0.78	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	8.1150	0.11000	7.8400	0.33195	0.13480	27	0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	2067	8.1295	0.01700	7.8400	0.33195	0.13480	27	0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	8.3500	0.00000	7.8400	0.33195	0.13480	27	1.54	3%	0
019.31	Calcium, AAS, Dry ash (%)	0868	8.3800	0.08000	7.8400	0.33195	0.13480	27	1.63	3%	0
019.31	Calcium, AAS, Dry ash (%)	0650	8.5700	0.16000	7.8400	0.33195	0.13480	27	2.20	5%	0
019.32	Calcium, AAS, Open vessel (%)	0035	7.7645	0.00900	8.1803	0.45392	0.08804	5	-0.92	3%	0
019.32	Calcium, AAS, Open vessel (%)	0169	7.8700	0.04000	8.1803	0.45392	0.08804	5	-0.68	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	8.1600	0.18000	8.1803	0.45392	0.08804	5	-0.04	0%	0
019.32	Calcium, AAS, Open vessel (%)	0263	8.1818	0.00120	8.1803	0.45392	0.08804	5	0.00	0%	0
019.32	Calcium, AAS, Open vessel (%)	0612	8.9250	0.21000	8.1803	0.45392	0.08804	5	1.64	5%	0
019.33	Calcium, AAS, Microwave (%)	0010	8.4550	0.25000			0.25000	1			
019.41	Calcium, ICP, Dry ash (%)	2012	7.2100	0.20000	8.2675	0.38933	0.14327	33	-2.72	6%	0
019.41	Calcium, ICP, Dry ash (%)	0144	7.2750	0.25000	8.2675	0.38933	0.14327	33	-2.55	6%	0
019.41	Calcium, ICP, Dry ash (%)	0298	7.3700	0.02000	8.2675	0.38933	0.14327	33	-2.31	5%	0
019.41	Calcium, ICP, Dry ash (%)	0405	7.4400	0.02000	8.2675	0.38933	0.14327	33	-2.13	5%	0
019.41	Calcium, ICP, Dry ash (%)	0598	7.5780	0.10000	8.2675	0.38933	0.14327	33	-1.77	4%	0
019.41	Calcium, ICP, Dry ash (%)	0098	7.8350	0.05000	8.2675	0.38933	0.14327	33	-1.11	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	7.8550	0.23000	8.2675	0.38933	0.14327	33	-1.06	2%	0
019.41	Calcium, ICP, Dry ash (%)	0512	7.9045	0.21300	8.2675	0.38933	0.14327	33	-0.93	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	7.9884	0.11180	8.2675	0.38933	0.14327	33	-0.72	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	8.0250	0.01000	8.2675	0.38933	0.14327	33	-0.62	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	8.0300	0.08000	8.2675	0.38933	0.14327	33	-0.61	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	8.1000	0.02000	8.2675	0.38933	0.14327	33	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	8.1050	0.21000	8.2675	0.38933	0.14327	33	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	8.1550	0.07000	8.2675	0.38933	0.14327	33	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	8.1700	0.06000	8.2675	0.38933	0.14327	33	-0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	2023	8.2400	0.04000	8.2675	0.38933	0.14327	33	-0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	8.3550	0.21000	8.2675	0.38933	0.14327	33	0.22	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	8.3655	0.04500	8.2675	0.38933	0.14327	33	0.25	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	8.3920	0.21000	8.2675	0.38933	0.14327	33	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	8.4100	0.08000	8.2675	0.38933	0.14327	33	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	8.4400	0.02000	8.2675	0.38933	0.14327	33	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	8.4400	0.20000	8.2675	0.38933	0.14327	33	0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	8.4650	0.09000	8.2675	0.38933	0.14327	33	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0964	8.4780	0.55700	8.2675	0.38933	0.14327	33	0.54	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	8.5150	0.11000	8.2675	0.38933	0.14327	33	0.64	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	8.5200	0.10000	8.2675	0.38933	0.14327	33	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	8.5400	0.04000	8.2675	0.38933	0.14327	33	0.70	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	8.5450	0.27000	8.2675	0.38933	0.14327	33	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	8.5600	0.06000	8.2675	0.38933	0.14327	33	0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	8.8450	0.21000	8.2675	0.38933	0.14327	33	1.48	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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019.41	Calcium, ICP, Dry ash (%)	0019	8.8550	0.49000	8.2675	0.38933	0.14327	33	1.51	4%	0
019.41	Calcium, ICP, Dry ash (%)	0300	8.8905	0.01100	8.2675	0.38933	0.14327	33	1.60	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	8.9200	0.34000	8.2675	0.38933	0.14327	33	1.68	4%	0
019.41	Calcium, ICP, Dry ash (%)	0413	8.7500	0.70000	8.2675	0.38933	0.14327	33	1.24	3%	1
019.41	Calcium, ICP, Dry ash (%)	0139	1.1700	0.02000	8.2675	0.38933	0.14327	33	-18.23	43%	2
019.42	Calcium, ICP, Open vessel (%)	0357	6.9300	0.22000	8.2555	0.72546	0.35873	22	-1.83	8%	0
019.42	Calcium, ICP, Open vessel (%)	0042	6.9950	0.11000	8.2555	0.72546	0.35873	22	-1.74	8%	0
019.42	Calcium, ICP, Open vessel (%)	0693	7.2850	0.13000	8.2555	0.72546	0.35873	22	-1.34	6%	0
019.42	Calcium, ICP, Open vessel (%)	0035	7.4590	0.09200	8.2555	0.72546	0.35873	22	-1.10	5%	0
019.42	Calcium, ICP, Open vessel (%)	0045	7.5150	0.93000	8.2555	0.72546	0.35873	22	-1.02	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	7.7850	0.09000	8.2555	0.72546	0.35873	22	-0.65	3%	0
019.42	Calcium, ICP, Open vessel (%)	0870	7.8935	0.08700	8.2555	0.72546	0.35873	22	-0.50	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	8.0950	0.13000	8.2555	0.72546	0.35873	22	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	8.2100	0.12000	8.2555	0.72546	0.35873	22	-0.06	0%	0
019.42	Calcium, ICP, Open vessel (%)	0555	8.2500	1.3000	8.2555	0.72546	0.35873	22	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	8.2700	0.08000	8.2555	0.72546	0.35873	22	0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	8.2750	0.89000	8.2555	0.72546	0.35873	22	0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0692	8.3100	0.12000	8.2555	0.72546	0.35873	22	0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0187	8.4100	0.04000	8.2555	0.72546	0.35873	22	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	8.4300	0.16000	8.2555	0.72546	0.35873	22	0.24	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	8.4565	0.78500	8.2555	0.72546	0.35873	22	0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0202	8.6600	0.02000	8.2555	0.72546	0.35873	22	0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	8.8700	0.18000	8.2555	0.72546	0.35873	22	0.85	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	9.0965	0.18900	8.2555	0.72546	0.35873	22	1.16	5%	0
019.42	Calcium, ICP, Open vessel (%)	0560	9.3125	0.81900	8.2555	0.72546	0.35873	22	1.46	6%	0
019.42	Calcium, ICP, Open vessel (%)	0034	10.800	0.40000	8.2555	0.72546	0.35873	22	3.51	15%	0
019.42	Calcium, ICP, Open vessel (%)	0613	11.190	1.0000	8.2555	0.72546	0.35873	22	4.05	18%	0
019.43	Calcium, ICP, Microwave (%)	0861	4.6900	0.42000	7.8652	0.62674	0.26554	24	-5.07	20%	0
019.43	Calcium, ICP, Microwave (%)	2058	5.7550	0.21000	7.8652	0.62674	0.26554	24	-3.37	13%	0
019.43	Calcium, ICP, Microwave (%)	0017	6.4150	0.15000	7.8652	0.62674	0.26554	24	-2.31	9%	0
019.43	Calcium, ICP, Microwave (%)	0510	7.1850	0.11000	7.8652	0.62674	0.26554	24	-1.09	4%	0
019.43	Calcium, ICP, Microwave (%)	0345	7.2780	0.10600	7.8652	0.62674	0.26554	24	-0.94	4%	0
019.43	Calcium, ICP, Microwave (%)	0098	7.4000	0.26000	7.8652	0.62674	0.26554	24	-0.74	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	7.5450	0.33000	7.8652	0.62674	0.26554	24	-0.51	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	7.5700	0.40000	7.8652	0.62674	0.26554	24	-0.47	2%	0
019.43	Calcium, ICP, Microwave (%)	0297	7.6400	0.22000	7.8652	0.62674	0.26554	24	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0043	7.6800	0.24000	7.8652	0.62674	0.26554	24	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	7.8100	0.08000	7.8652	0.62674	0.26554	24	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0036	7.8563	0.01710	7.8652	0.62674	0.26554	24	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0199	7.8750	0.37000	7.8652	0.62674	0.26554	24	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	8.0150	0.03000	7.8652	0.62674	0.26554	24	0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	8.0500	0.44000	7.8652	0.62674	0.26554	24	0.29	1%	0



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019.43	Calcium, ICP, Microwave (%)	0964	8.1246	0.33190	7.8652	0.62674	0.26554	24	0.41	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	8.1500	0.00000	7.8652	0.62674	0.26554	24	0.45	2%	0
019.43	Calcium, ICP, Microwave (%)	0008	8.1850	0.49000	7.8652	0.62674	0.26554	24	0.51	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	8.3300	0.18000	7.8652	0.62674	0.26554	24	0.74	3%	0
019.43	Calcium, ICP, Microwave (%)	0028	8.4100	0.80000	7.8652	0.62674	0.26554	24	0.87	3%	0
019.43	Calcium, ICP, Microwave (%)	0168	8.5675	0.41700	7.8652	0.62674	0.26554	24	1.12	4%	0
019.43	Calcium, ICP, Microwave (%)	0918	8.6395	0.36700	7.8652	0.62674	0.26554	24	1.24	5%	0
019.43	Calcium, ICP, Microwave (%)	0037	8.8850	0.35000	7.8652	0.62674	0.26554	24	1.63	6%	0
019.43	Calcium, ICP, Microwave (%)	0968	9.2340	0.05400	7.8652	0.62674	0.26554	24	2.18	9%	0
019.44	Calcium, ICP, Dry ash (%)	2004	7.5700	0.26000			0.22000	2	-0.71	2%	0
019.44	Calcium, ICP, Dry ash (%)	0051	8.1200	0.18000			0.22000	2	0.71	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	8.7200	0.68000			0.44290	2	-0.71	3%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	9.9743	0.20580			0.44290	2	0.71	3%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	7.5810	1.1180			1.1180	1			
019.99	Calcium, Miscellaneous (%)	0889	4.1150	0.17000	7.3629	2.1827	0.22820	5	-1.49	22%	0
019.99	Calcium, Miscellaneous (%)	0852	6.2500	0.50000	7.3629	2.1827	0.22820	5	-0.51	8%	0
019.99	Calcium, Miscellaneous (%)	0676	8.0600	0.24000	7.3629	2.1827	0.22820	5	0.32	5%	0
019.99	Calcium, Miscellaneous (%)	0100	9.0050	0.21000	7.3629	2.1827	0.22820	5	0.75	11%	0
019.99	Calcium, Miscellaneous (%)	2006	9.3845	0.02100	7.3629	2.1827	0.22820	5	0.93	14%	0
021.00	Cobalt, Color (mg / kg (ppm))	0693	9.4950	0.09000			0.09000	1			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	11.850	0.50000	14.154	2.6048	0.37143	7	-0.88	8%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	12.100	0.20000	14.154	2.6048	0.37143	7	-0.79	7%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	12.350	0.90000	14.154	2.6048	0.37143	7	-0.69	6%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	13.675	0.01000	14.154	2.6048	0.37143	7	-0.18	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0563	14.745	0.03000	14.154	2.6048	0.37143	7	0.23	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0646	19.750	0.50000	14.154	2.6048	0.37143	7	2.15	20%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0596	21.030	0.46000	14.154	2.6048	0.37143	7	2.64	24%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	13.055	0.37000			0.37000	1			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	4.5850	0.31000	8.5663	3.0801	1.0780	4	-1.29	23%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	7.8000	2.6800	8.5663	3.0801	1.0780	4	-0.25	4%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	10.326	0.09200	8.5663	3.0801	1.0780	4	0.57	10%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	11.554	1.2300	8.5663	3.0801	1.0780	4	0.97	17%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	11.263	0.93800			0.93800	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	8.5800	0.04000	11.361	1.5102	0.10886	7	-1.84	12%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	10.605	0.01000	11.361	1.5102	0.10886	7	-0.50	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	11.100	0.00000	11.361	1.5102	0.10886	7	-0.17	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	11.100	0.00000	11.361	1.5102	0.10886	7	-0.17	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	12.007	0.30200	11.361	1.5102	0.10886	7	0.43	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	12.500	0.40000	11.361	1.5102	0.10886	7	0.75	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	13.785	0.01000	11.361	1.5102	0.10886	7	1.61	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0021	12.500	1.0000	11.361	1.5102	0.10886	7	0.75	5%	1
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	13.000	0.00000			0.00000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	8.2867	0.00000	10.810	1.7960	1.0380	5	-1.41	12%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	10.030	1.5000	10.810	1.7960	1.0380	5	-0.43	4%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	10.680	0.80000	10.810	1.7960	1.0380	5	-0.07	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0910	12.455	0.89000	10.810	1.7960	1.0380	5	0.92	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	12.600	2.0000	10.810	1.7960	1.0380	5	1.00	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0646	218.25	4.5000	242.57	10.005	2.4012	20	-2.43	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	225.56	0.48000	242.57	10.005	2.4012	20	-1.70	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	228.00	4.0000	242.57	10.005	2.4012	20	-1.46	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	229.06	3.2800	242.57	10.005	2.4012	20	-1.35	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	236.00	8.0000	242.57	10.005	2.4012	20	-0.66	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	237.13	2.0300	242.57	10.005	2.4012	20	-0.54	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	240.40	0.09000	242.57	10.005	2.4012	20	-0.22	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	241.00	4.0000	242.57	10.005	2.4012	20	-0.16	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	241.50	1.0000	242.57	10.005	2.4012	20	-0.11	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	242.40	0.00000	242.57	10.005	2.4012	20	-0.02	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	242.46	0.72400	242.57	10.005	2.4012	20	-0.01	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	245.50	1.0000	242.57	10.005	2.4012	20	0.29	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	245.75	1.9000	242.57	10.005	2.4012	20	0.32	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0638	246.25	5.0000	242.57	10.005	2.4012	20	0.37	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	247.00	2.0000	242.57	10.005	2.4012	20	0.44	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0673	249.00	2.0000	242.57	10.005	2.4012	20	0.64	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	253.00	4.0000	242.57	10.005	2.4012	20	1.04	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	259.12	1.9200	242.57	10.005	2.4012	20	1.65	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	269.00	2.0000	242.57	10.005	2.4012	20	2.64	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	279.95	0.10000	242.57	10.005	2.4012	20	3.74	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2067	241.05	11.459	242.57	10.005	2.4012	20	-0.15	0%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	232.50	5.0000	250.98	19.011	3.8000	4	-0.97	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	240.80	4.2000	250.98	19.011	3.8000	4	-0.54	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	254.60	2.0000	250.98	19.011	3.8000	4	0.19	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	276.00	4.0000	250.98	19.011	3.8000	4	1.32	5%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	231.15	10.700			6.0900	2	-0.71	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	239.12	1.4800			6.0900	2	0.71	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	210.60	0.40000	241.48	15.917	6.8465	26	-1.94	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	211.78	0.98000	241.48	15.917	6.8465	26	-1.87	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	215.00	2.0000	241.48	15.917	6.8465	26	-1.66	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0300	226.90	9.8970	241.48	15.917	6.8465	26	-0.92	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	229.00	14.000	241.48	15.917	6.8465	26	-0.78	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	229.65	5.0400	241.48	15.917	6.8465	26	-0.74	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	231.13	15.750	241.48	15.917	6.8465	26	-0.65	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	232.00	12.000	241.48	15.917	6.8465	26	-0.60	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	235.10	0.60000	241.48	15.917	6.8465	26	-0.40	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	236.00	8.0000	241.48	15.917	6.8465	26	-0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	237.29	14.110	241.48	15.917	6.8465	26	-0.26	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	239.55	10.700	241.48	15.917	6.8465	26	-0.12	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	239.65	0.50000	241.48	15.917	6.8465	26	-0.12	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	240.00	2.0000	241.48	15.917	6.8465	26	-0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	245.86	8.2700	241.48	15.917	6.8465	26	0.28	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	247.00	8.0000	241.48	15.917	6.8465	26	0.35	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	247.30	0.80000	241.48	15.917	6.8465	26	0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	247.47	12.110	241.48	15.917	6.8465	26	0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	251.32	2.3300	241.48	15.917	6.8465	26	0.62	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	251.50	5.0000	241.48	15.917	6.8465	26	0.63	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	252.51	3.0420	241.48	15.917	6.8465	26	0.69	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	258.50	7.0000	241.48	15.917	6.8465	26	1.07	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	261.00	16.000	241.48	15.917	6.8465	26	1.23	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	261.00	16.000	241.48	15.917	6.8465	26	1.23	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	262.72	0.48000	241.48	15.917	6.8465	26	1.33	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	286.50	3.0000	241.48	15.917	6.8465	26	2.83	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	226.85	2.9000	256.90	11.249	7.2667	18	-2.67	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	244.00	24.000	256.90	11.249	7.2667	18	-1.15	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	246.00	2.0000	256.90	11.249	7.2667	18	-0.97	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	246.50	7.0000	256.90	11.249	7.2667	18	-0.92	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	249.00	2.0000	256.90	11.249	7.2667	18	-0.70	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	250.00	0.00000	256.90	11.249	7.2667	18	-0.61	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	251.80	3.2000	256.90	11.249	7.2667	18	-0.45	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	253.50	21.000	256.90	11.249	7.2667	18	-0.30	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	255.00	10.000	256.90	11.249	7.2667	18	-0.17	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	257.00	10.000	256.90	11.249	7.2667	18	0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	260.60	4.6000	256.90	11.249	7.2667	18	0.33	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	263.50	11.000	256.90	11.249	7.2667	18	0.59	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	264.85	8.1000	256.90	11.249	7.2667	18	0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	264.91	4.3900	256.90	11.249	7.2667	18	0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	265.50	7.0000	256.90	11.249	7.2667	18	0.76	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	268.53	0.99000	256.90	11.249	7.2667	18	1.03	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	269.75	9.7000	256.90	11.249	7.2667	18	1.14	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	284.06	2.9200	256.90	11.249	7.2667	18	2.41	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	276.20	68.200	256.90	11.249	7.2667	18	1.72	4%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2058	199.42	8.0400	241.94	22.488	4.0347	19	-1.89	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	205.05	4.9000	241.94	22.488	4.0347	19	-1.64	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	209.50	7.0000	241.94	22.488	4.0347	19	-1.44	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	218.00	2.0000	241.94	22.488	4.0347	19	-1.06	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	223.50	1.0000	241.94	22.488	4.0347	19	-0.82	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	226.50	1.0000	241.94	22.488	4.0347	19	-0.69	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	232.50	1.0000	241.94	22.488	4.0347	19	-0.42	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	240.00	0.00000	241.94	22.488	4.0347	19	-0.09	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	242.20	1.0000	241.94	22.488	4.0347	19	0.01	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	244.85	1.1000	241.94	22.488	4.0347	19	0.13	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	246.00	10.000	241.94	22.488	4.0347	19	0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	248.82	16.920	241.94	22.488	4.0347	19	0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	249.08	1.6200	241.94	22.488	4.0347	19	0.32	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	257.85	1.9000	241.94	22.488	4.0347	19	0.71	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0008	258.00	6.0000	241.94	22.488	4.0347	19	0.71	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	259.00	4.0000	241.94	22.488	4.0347	19	0.76	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	264.00	2.0000	241.94	22.488	4.0347	19	0.98	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0037	270.85	5.5000	241.94	22.488	4.0347	19	1.29	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	286.04	1.6800	241.94	22.488	4.0347	19	1.96	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	235.02	29.640	241.94	22.488	4.0347	19	-0.31	1%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	260.50	1.0000			1.0000	1			
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	250.00	0.00000			0.00000	1			
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	249.00	2.0000	266.50	24.749	14.197	3	-1.02	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	267.79	40.590	266.50	24.749	14.197	3	0.05	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	284.00	0.00000	266.50	24.749	14.197	3	0.97	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	252.00	4.0000			4.0000	1			
023.01	Fluorine, Ion-selective electrode (mg / kg (ppm))	0619	36.200	0.60000			0.60000	1			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2067	717.34	4.0650	945.67	97.347	18.542	22	-2.35	12%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0946	779.80	65.800	945.67	97.347	18.542	22	-1.70	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	847.50	59.000	945.67	97.347	18.542	22	-1.01	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0673	847.50	7.0000	945.67	97.347	18.542	22	-1.01	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	856.00	14.000	945.67	97.347	18.542	22	-0.92	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	866.50	11.000	945.67	97.347	18.542	22	-0.81	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	884.53	2.0600	945.67	97.347	18.542	22	-0.63	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0646	911.88	6.2500	945.67	97.347	18.542	22	-0.35	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	926.50	13.800	945.67	97.347	18.542	22	-0.20	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	927.35	20.402	945.67	97.347	18.542	22	-0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	945.50	25.000	945.67	97.347	18.542	22	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	948.50	7.0000	945.67	97.347	18.542	22	0.03	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	965.81	64.510	945.67	97.347	18.542	22	0.21	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0638	976.25	20.000	945.67	97.347	18.542	22	0.31	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	979.50	19.000	945.67	97.347	18.542	22	0.35	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	984.00	18.000	945.67	97.347	18.542	22	0.39	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	999.90	0.20000	945.67	97.347	18.542	22	0.56	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	1,006.0	10.000	945.67	97.347	18.542	22	0.62	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0674	1,061.5	0.96000	945.67	97.347	18.542	22	1.19	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	1,087.0	24.000	945.67	97.347	18.542	22	1.45	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	1,107.5	15.880	945.67	97.347	18.542	22	1.66	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	1,108.4	0.00000	945.67	97.347	18.542	22	1.67	9%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0337	768.00	22.000	920.94	122.65	51.725	4	-1.25	8%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	893.95	4.3000	920.94	122.65	51.725	4	-0.22	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	961.80	60.600	920.94	122.65	51.725	4	0.33	2%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	1,060.0	120.00	920.94	122.65	51.725	4	1.13	8%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	895.25	4.5700			29.435	2	-0.71	1%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	939.05	54.300			29.435	2	0.71	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	463.50	3.0000	892.55	88.499	26.510	26	-4.85	24%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	703.05	16.500	892.55	88.499	26.510	26	-2.14	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	715.50	45.000	892.55	88.499	26.510	26	-2.00	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0300	765.19	58.247	892.55	88.499	26.510	26	-1.44	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	795.05	8.9000	892.55	88.499	26.510	26	-1.10	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	821.90	10.000	892.55	88.499	26.510	26	-0.80	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	833.40	5.9800	892.55	88.499	26.510	26	-0.67	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	844.15	5.1000	892.55	88.499	26.510	26	-0.55	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	849.50	15.000	892.55	88.499	26.510	26	-0.49	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	856.03	41.210	892.55	88.499	26.510	26	-0.41	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	868.00	26.000	892.55	88.499	26.510	26	-0.28	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	877.50	21.000	892.55	88.499	26.510	26	-0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	899.00	58.000	892.55	88.499	26.510	26	0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	913.85	39.300	892.55	88.499	26.510	26	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	929.75	50.100	892.55	88.499	26.510	26	0.42	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	930.82	5.5500	892.55	88.499	26.510	26	0.43	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	936.19	14.620	892.55	88.499	26.510	26	0.49	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	937.00	42.000	892.55	88.499	26.510	26	0.50	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	943.35	4.9000	892.55	88.499	26.510	26	0.57	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	944.70	51.850	892.55	88.499	26.510	26	0.59	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	945.00	38.000	892.55	88.499	26.510	26	0.59	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	976.00	22.000	892.55	88.499	26.510	26	0.94	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	984.00	54.000	892.55	88.499	26.510	26	1.03	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	992.50	5.0000	892.55	88.499	26.510	26	1.13	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	1,008.0	6.0000	892.55	88.499	26.510	26	1.30	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	1,051.0	42.000	892.55	88.499	26.510	26	1.79	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	1,027.4	189.19	892.55	88.499	26.510	26	1.52	8%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	484.50	29.000	808.56	154.81	39.838	17	-2.09	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	557.65	23.700	808.56	154.81	39.838	17	-1.62	16%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	639.00	10.000	808.56	154.81	39.838	17	-1.10	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	666.00	10.000	808.56	154.81	39.838	17	-0.92	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	715.50	35.000	808.56	154.81	39.838	17	-0.60	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	775.95	48.700	808.56	154.81	39.838	17	-0.21	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	776.42	10.770	808.56	154.81	39.838	17	-0.21	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	785.00	30.000	808.56	154.81	39.838	17	-0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	807.00	70.000	808.56	154.81	39.838	17	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	853.00	66.000	808.56	154.81	39.838	17	0.29	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	864.00	64.000	808.56	154.81	39.838	17	0.36	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	894.80	12.200	808.56	154.81	39.838	17	0.56	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	907.50	79.000	808.56	154.81	39.838	17	0.64	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	939.90	16.000	808.56	154.81	39.838	17	0.85	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	946.00	78.000	808.56	154.81	39.838	17	0.89	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	978.04	17.280	808.56	154.81	39.838	17	1.09	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	1,071.2	77.600	808.56	154.81	39.838	17	1.70	16%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2058	80.375	6.1100	842.57	115.74	19.231	20	-6.59	45%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	463.40	30.000	842.57	115.74	19.231	20	-3.28	23%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	660.36	1.4700	842.57	115.74	19.231	20	-1.57	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	726.50	7.0000	842.57	115.74	19.231	20	-1.00	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	767.00	0.00000	842.57	115.74	19.231	20	-0.65	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	778.87	4.4800	842.57	115.74	19.231	20	-0.55	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	816.00	16.000	842.57	115.74	19.231	20	-0.23	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	816.50	9.0000	842.57	115.74	19.231	20	-0.23	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	827.00	6.0000	842.57	115.74	19.231	20	-0.13	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	834.50	1.0000	842.57	115.74	19.231	20	-0.07	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	861.50	1.0000	842.57	115.74	19.231	20	0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	879.80	11.600	842.57	115.74	19.231	20	0.32	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	895.65	14.300	842.57	115.74	19.231	20	0.46	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0037	919.60	27.200	842.57	115.74	19.231	20	0.67	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	923.89	69.450	842.57	115.74	19.231	20	0.70	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	929.50	75.000	842.57	115.74	19.231	20	0.75	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	934.00	32.000	842.57	115.74	19.231	20	0.79	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0008	951.00	44.000	842.57	115.74	19.231	20	0.94	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	953.50	9.0000	842.57	115.74	19.231	20	0.96	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	1,020.0	20.000	842.57	115.74	19.231	20	1.53	11%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	847.84	22.810			21.405	2	-0.71	3%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	970.00	20.000			21.405	2	0.71	3%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	858.72	52.730			52.730	1			
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	886.50	11.000			11.000	1			
027.31	Magnesium, AAS, Dry ash (%)	0646	0.31500	0.01000	0.38882	0.01144	0.00829	20	-6.45	9%	0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.36600	0.00000	0.38882	0.01144	0.00829	20	-1.99	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.37000	0.00000	0.38882	0.01144	0.00829	20	-1.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.37635	0.00130	0.38882	0.01144	0.00829	20	-1.09	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.38000	0.02000	0.38882	0.01144	0.00829	20	-0.77	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.38010	0.00300	0.38882	0.01144	0.00829	20	-0.76	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.38300	0.01200	0.38882	0.01144	0.00829	20	-0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.38800	0.00800	0.38882	0.01144	0.00829	20	-0.07	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.39000	0.00800	0.38882	0.01144	0.00829	20	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.39000	0.00000	0.38882	0.01144	0.00829	20	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.31	Magnesium, AAS, Dry ash (%)	0673	0.39000	0.00000	0.38882	0.01144	0.00829	20	0.10	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.39150	0.00900	0.38882	0.01144	0.00829	20	0.23	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.39500	0.01000	0.38882	0.01144	0.00829	20	0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.39500	0.01000	0.38882	0.01144	0.00829	20	0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.39505	0.02350	0.38882	0.01144	0.00829	20	0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.39600	0.02200	0.38882	0.01144	0.00829	20	0.63	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.39800	0.00800	0.38882	0.01144	0.00829	20	0.80	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.40000	0.00000	0.38882	0.01144	0.00829	20	0.98	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.40250	0.00100	0.38882	0.01144	0.00829	20	1.20	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.42000	0.02000	0.38882	0.01144	0.00829	20	2.73	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.35000	0.02000	0.38148	0.02106	0.20744	5	-0.45	48%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.38940	0.00400	0.38148	0.02106	0.20744	5	-0.45	48%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.39300	0.00060	0.38148	0.02106	0.20744	5	-0.45	48%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.39350	0.01260	0.38148	0.02106	0.20744	5	-0.45	48%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	39.500	1.0000	0.38148	0.02106	0.20744	5	1.79	191%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.36630	0.00420			0.00710	2	-0.71	2%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.39500	0.01000			0.00710	2	0.71	2%	0
027.34	Magnesium, AAS, Dry ash (%)	0939	0.38000	0.00000			0.00000	1			
027.41	Magnesium, ICP, Dry ash (%)	0098	0.35500	0.01000	0.39064	0.01350	0.01407	29	-2.64	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.37000	0.00000	0.39064	0.01350	0.01407	29	-1.53	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.37500	0.01000	0.39064	0.01350	0.01407	29	-1.16	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.38000	0.02000	0.39064	0.01350	0.01407	29	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.38000	0.02000	0.39064	0.01350	0.01407	29	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.38000	0.00000	0.39064	0.01350	0.01407	29	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2023	0.38000	0.00800	0.39064	0.01350	0.01407	29	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.38050	0.00300	0.39064	0.01350	0.01407	29	-0.75	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.38060	0.00100	0.39064	0.01350	0.01407	29	-0.74	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0300	0.38150	0.02300	0.39064	0.01350	0.01407	29	-0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.38500	0.01000	0.39064	0.01350	0.01407	29	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.38500	0.01000	0.39064	0.01350	0.01407	29	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.38500	0.01000	0.39064	0.01350	0.01407	29	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.38800	0.01600	0.39064	0.01350	0.01407	29	-0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.38820	0.00340	0.39064	0.01350	0.01407	29	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.39120	0.02360	0.39064	0.01350	0.01407	29	0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.39150	0.00000	0.39064	0.01350	0.01407	29	0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.39500	0.01000	0.39064	0.01350	0.01407	29	0.32	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.39500	0.05000	0.39064	0.01350	0.01407	29	0.32	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.40000	0.00000	0.39064	0.01350	0.01407	29	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.40000	0.00000	0.39064	0.01350	0.01407	29	0.69	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.40400	0.02400	0.39064	0.01350	0.01407	29	0.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.40500	0.01000	0.39064	0.01350	0.01407	29	1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.40500	0.05000	0.39064	0.01350	0.01407	29	1.06	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.41	Magnesium, ICP, Dry ash (%)	0405	0.41000	0.02000	0.39064	0.01350	0.01407	29	1.43	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.41000	0.02000	0.39064	0.01350	0.01407	29	1.43	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.41200	0.03200	0.39064	0.01350	0.01407	29	1.58	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.41650	0.00700	0.39064	0.01350	0.01407	29	1.92	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.41950	0.01700	0.39064	0.01350	0.01407	29	2.14	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.34100	0.01200	0.38458	0.03032	0.00871	17	-1.44	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.34500	0.01000	0.38458	0.03032	0.00871	17	-1.31	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.34800	0.02600	0.38458	0.03032	0.00871	17	-1.21	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.34900	0.00600	0.38458	0.03032	0.00871	17	-1.17	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.37500	0.01000	0.38458	0.03032	0.00871	17	-0.32	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.38000	0.00000	0.38458	0.03032	0.00871	17	-0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.38215	0.00870	0.38458	0.03032	0.00871	17	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.38500	0.03000	0.38458	0.03032	0.00871	17	0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.38500	0.01000	0.38458	0.03032	0.00871	17	0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.38750	0.00300	0.38458	0.03032	0.00871	17	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.38920	0.00080	0.38458	0.03032	0.00871	17	0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.39740	0.00320	0.38458	0.03032	0.00871	17	0.42	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.40500	0.01000	0.38458	0.03032	0.00871	17	0.67	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.40500	0.01000	0.38458	0.03032	0.00871	17	0.67	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.41000	0.00000	0.38458	0.03032	0.00871	17	0.84	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.42405	0.00170	0.38458	0.03032	0.00871	17	1.30	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.43180	0.00660	0.38458	0.03032	0.00871	17	1.56	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.39500	0.09000	0.38458	0.03032	0.00871	17	0.34	1%	1
027.43	Magnesium, ICP, Microwave (%)	2058	0.29000	0.02000	0.37558	0.03211	0.00642	18	-2.67	11%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.33000	0.00000	0.37558	0.03211	0.00642	18	-1.42	6%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.34500	0.01000	0.37558	0.03211	0.00642	18	-0.95	4%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.34650	0.00900	0.37558	0.03211	0.00642	18	-0.91	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.34950	0.00300	0.37558	0.03211	0.00642	18	-0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.36000	0.00000	0.37558	0.03211	0.00642	18	-0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.36000	0.02000	0.37558	0.03211	0.00642	18	-0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.36565	0.00650	0.37558	0.03211	0.00642	18	-0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.37200	0.00600	0.37558	0.03211	0.00642	18	-0.11	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.38500	0.01000	0.37558	0.03211	0.00642	18	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.38550	0.00300	0.37558	0.03211	0.00642	18	0.31	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.39500	0.01000	0.37558	0.03211	0.00642	18	0.60	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.39500	0.01000	0.37558	0.03211	0.00642	18	0.60	3%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.39650	0.00100	0.37558	0.03211	0.00642	18	0.65	3%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.40300	0.00000	0.37558	0.03211	0.00642	18	0.85	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.40650	0.00300	0.37558	0.03211	0.00642	18	0.96	4%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.41400	0.00400	0.37558	0.03211	0.00642	18	1.20	5%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.42000	0.00000	0.37558	0.03211	0.00642	18	1.38	6%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.43465	0.06870	0.37558	0.03211	0.00642	18	1.84	8%	1



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.44	Magnesium, ICP, Dry ash (%)	2004	0.34750	0.00700			0.00700	1			
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.47970	0.04340			0.04340	1			
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.36680	0.01680			0.01680	1			
027.99	Magnesium, Miscellaneous (%)	0889	0.15000	0.02000			0.02000	2	-0.71	24%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.43000	0.02000			0.02000	2	0.71	24%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	202.71	0.99000	1,074.2	84.021	13.940	21	-10.37	41%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2067	957.89	2.3870	1,074.2	84.021	13.940	21	-1.38	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	965.00	30.000	1,074.2	84.021	13.940	21	-1.30	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0646	966.75	14.500	1,074.2	84.021	13.940	21	-1.28	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	1,007.0	11.620	1,074.2	84.021	13.940	21	-0.80	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	1,024.7	21.200	1,074.2	84.021	13.940	21	-0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0638	1,058.8	35.000	1,074.2	84.021	13.940	21	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	1,063.6	18.740	1,074.2	84.021	13.940	21	-0.13	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	1,064.8	15.300	1,074.2	84.021	13.940	21	-0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	1,079.0	28.000	1,074.2	84.021	13.940	21	0.06	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	1,080.0	20.000	1,074.2	84.021	13.940	21	0.07	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	1,082.2	0.00000	1,074.2	84.021	13.940	21	0.09	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	1,085.1	24.548	1,074.2	84.021	13.940	21	0.13	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	1,096.5	11.000	1,074.2	84.021	13.940	21	0.26	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	1,100.0	0.00000	1,074.2	84.021	13.940	21	0.31	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0673	1,129.0	2.0000	1,074.2	84.021	13.940	21	0.65	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	1,138.5	5.0000	1,074.2	84.021	13.940	21	0.76	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	1,145.0	30.000	1,074.2	84.021	13.940	21	0.84	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	1,170.0	20.000	1,074.2	84.021	13.940	21	1.14	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	1,188.2	1.4000	1,074.2	84.021	13.940	21	1.36	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0674	1,255.1	1.0600	1,074.2	84.021	13.940	21	2.15	8%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	1,052.0	14.000	1,069.0	19.710	12.500	4	-0.86	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	1,055.0	10.000	1,069.0	19.710	12.500	4	-0.71	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	1,074.5	3.0000	1,069.0	19.710	12.500	4	0.28	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	1,094.5	23.000	1,069.0	19.710	12.500	4	1.29	1%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	1,002.2	3.8900			37.445	2	-0.71	1%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	1,041.5	71.000			37.445	2	0.71	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	109.34	4.4400	1,059.0	97.897	31.901	26	-9.70	45%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	583.50	3.0000	1,059.0	97.897	31.901	26	-4.86	22%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	612.50	81.000	1,059.0	97.897	31.901	26	-4.56	21%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	736.70	5.4000	1,059.0	97.897	31.901	26	-3.29	15%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	753.90	24.120	1,059.0	97.897	31.901	26	-3.12	14%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	949.75	22.980	1,059.0	97.897	31.901	26	-1.12	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	983.88	63.120	1,059.0	97.897	31.901	26	-0.77	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	985.15	21.100	1,059.0	97.897	31.901	26	-0.75	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0300	1,013.1	7.5000	1,059.0	97.897	31.901	26	-0.47	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	1,017.3	84.930	1,059.0	97.897	31.901	26	-0.43	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	1,037.4	49.410	1,059.0	97.897	31.901	26	-0.22	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	1,066.5	11.000	1,059.0	97.897	31.901	26	0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	1,070.0	40.000	1,059.0	97.897	31.901	26	0.11	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	1,074.6	10.650	1,059.0	97.897	31.901	26	0.16	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	1,079.5	9.0000	1,059.0	97.897	31.901	26	0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	1,085.2	2.4000	1,059.0	97.897	31.901	26	0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	1,099.3	95.000	1,059.0	97.897	31.901	26	0.41	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	1,101.5	57.000	1,059.0	97.897	31.901	26	0.43	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	1,113.0	4.0000	1,059.0	97.897	31.901	26	0.55	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	1,114.0	50.000	1,059.0	97.897	31.901	26	0.56	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	1,120.0	16.000	1,059.0	97.897	31.901	26	0.62	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	1,128.5	11.000	1,059.0	97.897	31.901	26	0.71	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	1,174.0	68.000	1,059.0	97.897	31.901	26	1.17	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	1,212.5	17.000	1,059.0	97.897	31.901	26	1.57	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	1,233.0	28.000	1,059.0	97.897	31.901	26	1.78	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	1,237.7	43.370	1,059.0	97.897	31.901	26	1.82	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	0.11095	0.00250	1,110.8	90.615	41.181	18	-12.26	50%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	1,000.0	0.00000	1,110.8	90.615	41.181	18	-1.22	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	1,029.0	62.000	1,110.8	90.615	41.181	18	-0.90	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	1,057.5	3.0000	1,110.8	90.615	41.181	18	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	1,060.6	9.2200	1,110.8	90.615	41.181	18	-0.55	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	1,061.5	1.0000	1,110.8	90.615	41.181	18	-0.54	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	1,070.5	31.000	1,110.8	90.615	41.181	18	-0.44	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	1,074.5	59.000	1,110.8	90.615	41.181	18	-0.40	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	1,075.0	84.000	1,110.8	90.615	41.181	18	-0.39	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	1,077.0	0.00000	1,110.8	90.615	41.181	18	-0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	1,120.0	0.00000	1,110.8	90.615	41.181	18	0.10	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	1,162.5	7.0000	1,110.8	90.615	41.181	18	0.57	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	1,167.0	10.050	1,110.8	90.615	41.181	18	0.62	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	1,265.0	10.000	1,110.8	90.615	41.181	18	1.70	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	1,268.5	33.000	1,110.8	90.615	41.181	18	1.74	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	1,273.5	327.00	1,110.8	90.615	41.181	18	1.80	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	1,283.0	82.000	1,110.8	90.615	41.181	18	1.90	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	1,608.1	22.980	1,110.8	90.615	41.181	18	5.49	22%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	1,299.0	372.00	1,110.8	90.615	41.181	18	2.08	8%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2058	936.68	24.970	1,077.0	89.007	26.448	19	-1.58	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	944.50	5.0000	1,077.0	89.007	26.448	19	-1.49	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	959.50	47.000	1,077.0	89.007	26.448	19	-1.32	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	991.00	2.0000	1,077.0	89.007	26.448	19	-0.97	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	1,017.5	17.000	1,077.0	89.007	26.448	19	-0.67	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	1,035.0	30.000	1,077.0	89.007	26.448	19	-0.47	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	1,037.0	60.000	1,077.0	89.007	26.448	19	-0.45	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	1,080.4	14.580	1,077.0	89.007	26.448	19	0.04	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	1,087.5	19.000	1,077.0	89.007	26.448	19	0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	1,088.1	40.100	1,077.0	89.007	26.448	19	0.12	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0037	1,090.5	33.000	1,077.0	89.007	26.448	19	0.15	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	1,091.0	6.0000	1,077.0	89.007	26.448	19	0.16	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	1,109.5	21.000	1,077.0	89.007	26.448	19	0.36	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	1,110.0	20.000	1,077.0	89.007	26.448	19	0.37	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0008	1,150.0	60.000	1,077.0	89.007	26.448	19	0.82	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	1,160.0	0.00000	1,077.0	89.007	26.448	19	0.93	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	1,175.0	0.00000	1,077.0	89.007	26.448	19	1.10	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	1,178.0	75.370	1,077.0	89.007	26.448	19	1.13	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	1,203.0	27.500	1,077.0	89.007	26.448	19	1.41	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0021	1,020.0	160.00	1,077.0	89.007	26.448	19	-0.64	3%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	583.00	12.000			26.000	2	-0.71	14%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	1,020.0	40.000			26.000	2	0.71	14%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	1,250.0	100.00			100.00	1			
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	1,080.5	53.000			26.910	2	-0.71	2%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	1,165.9	0.82000			26.910	2	0.71	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	1,190.5	5.0000			5.0000	1			
031.00	Phosphorus, Vol (%)	0895	1.1200	0.00000			0.00000	1			
031.01	Phosphorus, Photometric (%)	0108	0.93500	0.03000	1.1289	0.05133	0.01783	48	-3.78	9%	0
031.01	Phosphorus, Photometric (%)	0038	0.99600	0.02800	1.1289	0.05133	0.01783	48	-2.59	6%	0
031.01	Phosphorus, Photometric (%)	0552	1.0050	0.03000	1.1289	0.05133	0.01783	48	-2.41	5%	0
031.01	Phosphorus, Photometric (%)	0646	1.0300	0.00000	1.1289	0.05133	0.01783	48	-1.93	4%	0
031.01	Phosphorus, Photometric (%)	0596	1.0350	0.01000	1.1289	0.05133	0.01783	48	-1.83	4%	0
031.01	Phosphorus, Photometric (%)	0609	1.0400	0.02000	1.1289	0.05133	0.01783	48	-1.73	4%	0
031.01	Phosphorus, Photometric (%)	0896	1.0550	0.01000	1.1289	0.05133	0.01783	48	-1.44	3%	0
031.01	Phosphorus, Photometric (%)	0893	1.0750	0.01000	1.1289	0.05133	0.01783	48	-1.05	2%	0
031.01	Phosphorus, Photometric (%)	0723	1.0783	0.00000	1.1289	0.05133	0.01783	48	-0.99	2%	0
031.01	Phosphorus, Photometric (%)	0874	1.0842	0.02750	1.1289	0.05133	0.01783	48	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0142	1.0850	0.05000	1.1289	0.05133	0.01783	48	-0.86	2%	0
031.01	Phosphorus, Photometric (%)	0687	1.0900	0.02000	1.1289	0.05133	0.01783	48	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	0208	1.0950	0.07200	1.1289	0.05133	0.01783	48	-0.66	2%	0
031.01	Phosphorus, Photometric (%)	0934	1.1000	0.02000	1.1289	0.05133	0.01783	48	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	2062	1.1090	0.01800	1.1289	0.05133	0.01783	48	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0511	1.1150	0.03000	1.1289	0.05133	0.01783	48	-0.27	1%	0
031.01	Phosphorus, Photometric (%)	0175	1.1150	0.01000	1.1289	0.05133	0.01783	48	-0.27	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.1195	0.00440	1.1289	0.05133	0.01783	48	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0035	1.1200	0.00200	1.1289	0.05133	0.01783	48	-0.17	0%	0
031.01	Phosphorus, Photometric (%)	0354	1.1250	0.01000	1.1289	0.05133	0.01783	48	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0683	1.1250	0.03000	1.1289	0.05133	0.01783	48	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0849	1.1255	0.00900	1.1289	0.05133	0.01783	48	-0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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031.01	Phosphorus, Photometric (%)	0620	1.1256	0.00530	1.1289	0.05133	0.01783	48	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0016	1.1300	0.00000	1.1289	0.05133	0.01783	48	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0897	1.1300	0.02000	1.1289	0.05133	0.01783	48	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0178	1.1345	0.00100	1.1289	0.05133	0.01783	48	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0066	1.1350	0.01000	1.1289	0.05133	0.01783	48	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.1370	0.00400	1.1289	0.05133	0.01783	48	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0638	1.1400	0.00000	1.1289	0.05133	0.01783	48	0.22	0%	0
031.01	Phosphorus, Photometric (%)	0626	1.1420	0.03200	1.1289	0.05133	0.01783	48	0.26	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.1450	0.03000	1.1289	0.05133	0.01783	48	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.1450	0.01000	1.1289	0.05133	0.01783	48	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0728	1.1500	0.02000	1.1289	0.05133	0.01783	48	0.41	1%	0
031.01	Phosphorus, Photometric (%)	2086	1.1500	0.02000	1.1289	0.05133	0.01783	48	0.41	1%	0
031.01	Phosphorus, Photometric (%)	0903	1.1550	0.01000	1.1289	0.05133	0.01783	48	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0263	1.1596	0.00450	1.1289	0.05133	0.01783	48	0.60	1%	0
031.01	Phosphorus, Photometric (%)	0674	1.1600	0.00000	1.1289	0.05133	0.01783	48	0.61	1%	0
031.01	Phosphorus, Photometric (%)	0885	1.1650	0.01000	1.1289	0.05133	0.01783	48	0.70	2%	0
031.01	Phosphorus, Photometric (%)	0629	1.1700	0.02000	1.1289	0.05133	0.01783	48	0.80	2%	0
031.01	Phosphorus, Photometric (%)	0868	1.1750	0.03000	1.1289	0.05133	0.01783	48	0.90	2%	0
031.01	Phosphorus, Photometric (%)	0650	1.1800	0.04000	1.1289	0.05133	0.01783	48	1.00	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.1820	0.04200	1.1289	0.05133	0.01783	48	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0152	1.2000	0.04000	1.1289	0.05133	0.01783	48	1.39	3%	0
031.01	Phosphorus, Photometric (%)	2067	1.2020	0.00600	1.1289	0.05133	0.01783	48	1.42	3%	0
031.01	Phosphorus, Photometric (%)	2068	1.2050	0.01000	1.1289	0.05133	0.01783	48	1.48	3%	0
031.01	Phosphorus, Photometric (%)	2091	1.2300	0.00000	1.1289	0.05133	0.01783	48	1.97	4%	0
031.01	Phosphorus, Photometric (%)	0948	1.2450	0.03000	1.1289	0.05133	0.01783	48	2.26	5%	0
031.01	Phosphorus, Photometric (%)	0940	1.7200	0.02000	1.1289	0.05133	0.01783	48	11.52	26%	0
031.01	Phosphorus, Photometric (%)	0904	1.1300	0.14000	1.1289	0.05133	0.01783	48	0.02	0%	1
031.01	Phosphorus, Photometric (%)	0194	2.0950	0.01000	1.1289	0.05133	0.01783	48	18.82	43%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.1150	0.01000	1.1315	0.01280	0.01355	4	-1.29	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	1.1300	0.02000	1.1315	0.01280	0.01355	4	-0.11	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.1350	0.01000	1.1315	0.01280	0.01355	4	0.28	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	1.1458	0.01420	1.1315	0.01280	0.01355	4	1.12	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.0925	0.00700	1.1333	0.02904	0.02186	5	-1.57	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.1350	0.01000	1.1333	0.02904	0.02186	5	-0.21	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.1456	0.00230	1.1333	0.02904	0.02186	5	0.13	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.1600	0.02000	1.1333	0.02904	0.02186	5	0.59	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	1.1750	0.07000	1.1333	0.02904	0.02186	5	1.07	1%	0
031.06	Phosphorus, Hach Method (%)	0138	0.99650	0.04700			0.03350	2	-0.71	6%	0
031.06	Phosphorus, Hach Method (%)	0536	1.2500	0.02000			0.03350	2	0.71	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.87000	0.02000	1.1344	0.05770	0.02903	33	-4.58	12%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.97500	0.01000	1.1344	0.05770	0.02903	33	-2.76	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.0400	0.02000	1.1344	0.05770	0.02903	33	-1.64	4%	0



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031.41	Phosphorus, ICP, Dry ash (%)	0089	1.0700	0.00000	1.1344	0.05770	0.02903	33	-1.12	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.0800	0.02000	1.1344	0.05770	0.02903	33	-0.94	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.0800	0.02000	1.1344	0.05770	0.02903	33	-0.94	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.0850	0.01000	1.1344	0.05770	0.02903	33	-0.86	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	1.0855	0.05100	1.1344	0.05770	0.02903	33	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	1.0862	0.09490	1.1344	0.05770	0.02903	33	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.0900	0.02000	1.1344	0.05770	0.02903	33	-0.77	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	1.1000	0.02000	1.1344	0.05770	0.02903	33	-0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.1100	0.00000	1.1344	0.05770	0.02903	33	-0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.1150	0.03000	1.1344	0.05770	0.02903	33	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.1250	0.07000	1.1344	0.05770	0.02903	33	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	1.1350	0.01000	1.1344	0.05770	0.02903	33	0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.1370	0.00720	1.1344	0.05770	0.02903	33	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.1405	0.05500	1.1344	0.05770	0.02903	33	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.1450	0.05000	1.1344	0.05770	0.02903	33	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.1465	0.07300	1.1344	0.05770	0.02903	33	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.1500	0.02000	1.1344	0.05770	0.02903	33	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.1550	0.03000	1.1344	0.05770	0.02903	33	0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.1560	0.01400	1.1344	0.05770	0.02903	33	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.1650	0.01000	1.1344	0.05770	0.02903	33	0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.1660	0.01800	1.1344	0.05770	0.02903	33	0.55	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.1700	0.02000	1.1344	0.05770	0.02903	33	0.62	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.1750	0.05000	1.1344	0.05770	0.02903	33	0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	1.1750	0.01000	1.1344	0.05770	0.02903	33	0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.1950	0.01000	1.1344	0.05770	0.02903	33	1.05	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.1950	0.01000	1.1344	0.05770	0.02903	33	1.05	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.2050	0.11000	1.1344	0.05770	0.02903	33	1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	1.2050	0.03800	1.1344	0.05770	0.02903	33	1.22	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.2365	0.00700	1.1344	0.05770	0.02903	33	1.77	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.3150	0.03000	1.1344	0.05770	0.02903	33	3.13	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.1550	0.13000	1.1344	0.05770	0.02903	33	0.36	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.97350	0.00100	1.1124	0.07668	0.03563	20	-1.81	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.99000	0.00000	1.1124	0.07668	0.03563	20	-1.60	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.0500	0.00000	1.1124	0.07668	0.03563	20	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.0550	0.03000	1.1124	0.07668	0.03563	20	-0.75	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.0580	0.00000	1.1124	0.07668	0.03563	20	-0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.0600	0.00000	1.1124	0.07668	0.03563	20	-0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.0750	0.01000	1.1124	0.07668	0.03563	20	-0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.0760	0.05800	1.1124	0.07668	0.03563	20	-0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.1050	0.01000	1.1124	0.07668	0.03563	20	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	1.1050	0.03000	1.1124	0.07668	0.03563	20	-0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.1160	0.08200	1.1124	0.07668	0.03563	20	0.05	0%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0693	1.1200	0.06000	1.1124	0.07668	0.03563	20	0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.1300	0.06000	1.1124	0.07668	0.03563	20	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.1450	0.09000	1.1124	0.07668	0.03563	20	0.42	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.1500	0.16000	1.1124	0.07668	0.03563	20	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.1600	0.02000	1.1124	0.07668	0.03563	20	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.1800	0.04000	1.1124	0.07668	0.03563	20	0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.2510	0.02400	1.1124	0.07668	0.03563	20	1.81	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.2547	0.01750	1.1124	0.07668	0.03563	20	1.85	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.3300	0.02000	1.1124	0.07668	0.03563	20	2.84	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	1.1000	0.20000	1.1124	0.07668	0.03563	20	-0.16	1%	1
031.43	Phosphorus, ICP, Microwave (%)	2058	0.81000	0.02000	1.1059	0.06702	0.02699	25	-4.41	13%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.93500	0.03000	1.1059	0.06702	0.02699	25	-2.55	8%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	1.0105	0.03900	1.1059	0.06702	0.02699	25	-1.42	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.0200	0.04000	1.1059	0.06702	0.02699	25	-1.28	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.0255	0.00500	1.1059	0.06702	0.02699	25	-1.20	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	1.0500	0.04000	1.1059	0.06702	0.02699	25	-0.83	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.0650	0.03000	1.1059	0.06702	0.02699	25	-0.61	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.0800	0.02000	1.1059	0.06702	0.02699	25	-0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.0900	0.02000	1.1059	0.06702	0.02699	25	-0.24	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.0930	0.01400	1.1059	0.06702	0.02699	25	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.0950	0.01000	1.1059	0.06702	0.02699	25	-0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.1035	0.01300	1.1059	0.06702	0.02699	25	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.1100	0.06000	1.1059	0.06702	0.02699	25	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.1159	0.09270	1.1059	0.06702	0.02699	25	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.1200	0.06000	1.1059	0.06702	0.02699	25	0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.1200	0.06000	1.1059	0.06702	0.02699	25	0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.1200	0.00000	1.1059	0.06702	0.02699	25	0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.1377	0.00110	1.1059	0.06702	0.02699	25	0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0008	1.1500	0.02000	1.1059	0.06702	0.02699	25	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	1.1510	0.04000	1.1059	0.06702	0.02699	25	0.67	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.1650	0.01000	1.1059	0.06702	0.02699	25	0.88	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.1750	0.00000	1.1059	0.06702	0.02699	25	1.03	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	1.2700	0.00000	1.1059	0.06702	0.02699	25	2.45	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	1.2800	0.00000	1.1059	0.06702	0.02699	25	2.60	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	2.0850	0.05000	1.1059	0.06702	0.02699	25	14.61	44%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.1250	0.01000			0.02135	2	-0.71	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0051	1.1809	0.03270			0.02135	2	0.71	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.1650	0.12800			0.06900	2	-0.71	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.2250	0.01000			0.06900	2	0.71	1%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.92500	0.01000	1.0718	0.06091	0.05050	6	-2.41	7%	0
031.99	Phosphorus, Miscellaneous (%)	0676	1.0135	0.09300	1.0718	0.06091	0.05050	6	-0.96	3%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.0800	0.04000	1.0718	0.06091	0.05050	6	0.14	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	0100	1.0900	0.04000	1.0718	0.06091	0.05050	6	0.30	1%	0
031.99	Phosphorus, Miscellaneous (%)	0590	1.0900	0.02000	1.0718	0.06091	0.05050	6	0.30	1%	0
031.99	Phosphorus, Miscellaneous (%)	0673	1.1500	0.10000	1.0718	0.06091	0.05050	6	1.28	4%	0
032.02	Potassium, Flame Emission (%)	0047	0.57000	0.04000	0.60500	0.00707	0.01333	3	-1.12	2%	0
032.02	Potassium, Flame Emission (%)	0590	0.60000	0.00000	0.60500	0.00707	0.01333	3	0.32	1%	0
032.02	Potassium, Flame Emission (%)	0504	0.61000	0.00000	0.60500	0.00707	0.01333	3	0.80	1%	0
032.08	Potassium, Ion-selective electrode (%)	2006	0.63450	0.00700			0.00700	1			
032.31	Potassium, AAS, Dry ash (%)	0946	0.39500	0.01000	0.59085	0.04303	0.01305	23	-4.55	17%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.45950	0.00300	0.59085	0.04303	0.01305	23	-3.05	11%	0
032.31	Potassium, AAS, Dry ash (%)	0646	0.46000	0.00000	0.59085	0.04303	0.01305	23	-3.04	11%	0
032.31	Potassium, AAS, Dry ash (%)	0673	0.48000	0.00000	0.59085	0.04303	0.01305	23	-2.58	9%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.53000	0.08000	0.59085	0.04303	0.01305	23	-1.41	5%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.54000	0.04000	0.59085	0.04303	0.01305	23	-1.18	4%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.57050	0.02500	0.59085	0.04303	0.01305	23	-0.47	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.57800	0.00800	0.59085	0.04303	0.01305	23	-0.30	1%	0
032.31	Potassium, AAS, Dry ash (%)	0638	0.58200	0.00200	0.59085	0.04303	0.01305	23	-0.21	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.58500	0.01000	0.59085	0.04303	0.01305	23	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0178	0.59050	0.00100	0.59085	0.04303	0.01305	23	-0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.59500	0.03000	0.59085	0.04303	0.01305	23	0.10	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.59900	0.01600	0.59085	0.04303	0.01305	23	0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.60000	0.00000	0.59085	0.04303	0.01305	23	0.21	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.60500	0.01000	0.59085	0.04303	0.01305	23	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.61500	0.01000	0.59085	0.04303	0.01305	23	0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.61500	0.01000	0.59085	0.04303	0.01305	23	0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	0596	0.62000	0.00000	0.59085	0.04303	0.01305	23	0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.62000	0.00000	0.59085	0.04303	0.01305	23	0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.62600	0.00200	0.59085	0.04303	0.01305	23	0.82	3%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.65035	0.00110	0.59085	0.04303	0.01305	23	1.38	5%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.66000	0.00200	0.59085	0.04303	0.01305	23	1.61	6%	0
032.31	Potassium, AAS, Dry ash (%)	0689	0.66000	0.04000	0.59085	0.04303	0.01305	23	1.61	6%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.64350	0.09300	0.59085	0.04303	0.01305	23	1.22	4%	1
032.32	Potassium, AAS, Open vessel (%)	0609	0.55500	0.01000	0.61991	0.06078	0.22122	5	-0.45	48%	0
032.32	Potassium, AAS, Open vessel (%)	0035	0.58615	0.01310	0.61991	0.06078	0.22122	5	-0.45	48%	0
032.32	Potassium, AAS, Open vessel (%)	0505	0.64850	0.08300	0.61991	0.06078	0.22122	5	-0.45	48%	0
032.32	Potassium, AAS, Open vessel (%)	0612	0.69000	0.00000	0.61991	0.06078	0.22122	5	-0.44	47%	0
032.32	Potassium, AAS, Open vessel (%)	0169	64.500	1.0000	0.61991	0.06078	0.22122	5	1.79	191%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.53000	0.00000	0.62695	0.03989	0.01659	30	-2.43	8%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.56500	0.05000	0.62695	0.03989	0.01659	30	-1.55	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.57000	0.00000	0.62695	0.03989	0.01659	30	-1.43	5%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.58050	0.01700	0.62695	0.03989	0.01659	30	-1.16	4%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.58970	0.00880	0.62695	0.03989	0.01659	30	-0.93	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.59000	0.00000	0.62695	0.03989	0.01659	30	-0.93	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.41	Potassium, ICP, Dry ash (%)	0229	0.59500	0.01000	0.62695	0.03989	0.01659	30	-0.80	3%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.59500	0.03000	0.62695	0.03989	0.01659	30	-0.80	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.61000	0.00000	0.62695	0.03989	0.01659	30	-0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.61000	0.00000	0.62695	0.03989	0.01659	30	-0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.61800	0.00400	0.62695	0.03989	0.01659	30	-0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0300	0.61950	0.01900	0.62695	0.03989	0.01659	30	-0.19	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.62000	0.04000	0.62695	0.03989	0.01659	30	-0.17	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.62500	0.01000	0.62695	0.03989	0.01659	30	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0610	0.62500	0.01000	0.62695	0.03989	0.01659	30	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.62680	0.03780	0.62695	0.03989	0.01659	30	0.00	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.63000	0.02000	0.62695	0.03989	0.01659	30	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.63500	0.01000	0.62695	0.03989	0.01659	30	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.63900	0.02200	0.62695	0.03989	0.01659	30	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.64000	0.00000	0.62695	0.03989	0.01659	30	0.33	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.64440	0.00920	0.62695	0.03989	0.01659	30	0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.64500	0.01000	0.62695	0.03989	0.01659	30	0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.65100	0.00400	0.62695	0.03989	0.01659	30	0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.66250	0.06100	0.62695	0.03989	0.01659	30	0.89	3%	0
032.41	Potassium, ICP, Dry ash (%)	0512	0.66255	0.00990	0.62695	0.03989	0.01659	30	0.89	3%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.66500	0.05000	0.62695	0.03989	0.01659	30	0.95	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.66500	0.03000	0.62695	0.03989	0.01659	30	0.95	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.70750	0.00500	0.62695	0.03989	0.01659	30	2.02	6%	0
032.41	Potassium, ICP, Dry ash (%)	2089	0.71500	0.01000	0.62695	0.03989	0.01659	30	2.21	7%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.79000	0.02000	0.62695	0.03989	0.01659	30	4.09	13%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.55500	0.11000	0.62695	0.03989	0.01659	30	-1.80	6%	1
032.42	Potassium, ICP, Open vessel (%)	0045	0.58150	0.00900	0.63320	0.02122	0.01808	19	-2.44	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.58500	0.01000	0.63320	0.02122	0.01808	19	-2.27	4%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.61010	0.00080	0.63320	0.02122	0.01808	19	-1.09	2%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.61150	0.03100	0.63320	0.02122	0.01808	19	-1.02	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.61950	0.00100	0.63320	0.02122	0.01808	19	-0.65	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.62000	0.00000	0.63320	0.02122	0.01808	19	-0.62	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.62500	0.05000	0.63320	0.02122	0.01808	19	-0.39	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.63000	0.00000	0.63320	0.02122	0.01808	19	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.63000	0.02000	0.63320	0.02122	0.01808	19	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.63150	0.01300	0.63320	0.02122	0.01808	19	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.63500	0.03000	0.63320	0.02122	0.01808	19	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.63870	0.00300	0.63320	0.02122	0.01808	19	0.26	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.63890	0.01240	0.63320	0.02122	0.01808	19	0.27	0%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.64000	0.02000	0.63320	0.02122	0.01808	19	0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.65945	0.00030	0.63320	0.02122	0.01808	19	1.24	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.66930	0.04300	0.63320	0.02122	0.01808	19	1.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.68000	0.02000	0.63320	0.02122	0.01808	19	2.21	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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032.42	Potassium, ICP, Open vessel (%)	0294	0.68000	0.00000	0.63320	0.02122	0.01808	19	2.21	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.71800	0.08000	0.63320	0.02122	0.01808	19	4.00	7%	0
032.42	Potassium, ICP, Open vessel (%)	0555	0.61500	0.17000	0.63320	0.02122	0.01808	19	-0.86	1%	1
032.43	Potassium, ICP, Microwave (%)	2058	0.43000	0.04000	0.61984	0.02758	0.01676	24	-6.88	15%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.55500	0.01000	0.61984	0.02758	0.01676	24	-2.35	5%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.58000	0.00000	0.61984	0.02758	0.01676	24	-1.44	3%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.59000	0.00000	0.61984	0.02758	0.01676	24	-1.08	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.59500	0.04000	0.61984	0.02758	0.01676	24	-0.90	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.59850	0.00100	0.61984	0.02758	0.01676	24	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0168	0.60630	0.03160	0.61984	0.02758	0.01676	24	-0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.61000	0.00000	0.61984	0.02758	0.01676	24	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.61350	0.00100	0.61984	0.02758	0.01676	24	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.61500	0.01000	0.61984	0.02758	0.01676	24	-0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.61500	0.01000	0.61984	0.02758	0.01676	24	-0.18	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.62000	0.02000	0.61984	0.02758	0.01676	24	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.62000	0.04000	0.61984	0.02758	0.01676	24	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.62000	0.00000	0.61984	0.02758	0.01676	24	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.62220	0.00860	0.61984	0.02758	0.01676	24	0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.62500	0.01000	0.61984	0.02758	0.01676	24	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.62500	0.01000	0.61984	0.02758	0.01676	24	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.63550	0.01700	0.61984	0.02758	0.01676	24	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0008	0.63800	0.02000	0.61984	0.02758	0.01676	24	0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0037	0.65000	0.00000	0.61984	0.02758	0.01676	24	1.09	2%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.66000	0.00000	0.61984	0.02758	0.01676	24	1.46	3%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.69200	0.01200	0.61984	0.02758	0.01676	24	2.62	6%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.69750	0.06700	0.61984	0.02758	0.01676	24	2.82	6%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.72665	0.05410	0.61984	0.02758	0.01676	24	3.87	9%	0
032.44	Potassium, ICP, Dry ash (%)	0685	0.47000	0.00000	0.64753	0.00004	0.02623	3	-1.15	10%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.64750	0.03100	0.64753	0.00004	0.02623	3	0.58	5%	0
032.44	Potassium, ICP, Dry ash (%)	0051	0.64755	0.04770	0.64753	0.00004	0.02623	3	0.58	5%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.71815	0.02950			0.02950	1			
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.65500	0.01000			0.02975	2	-0.71	0%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.65695	0.04950			0.02975	2	0.71	0%	0
032.99	Potassium, Miscellaneous (%)	0889	0.43500	0.01000	0.55717	0.10645	0.00433	3	-1.15	11%	0
032.99	Potassium, Miscellaneous (%)	0001	0.60650	0.00300	0.55717	0.10645	0.00433	3	0.46	4%	0
032.99	Potassium, Miscellaneous (%)	0100	0.63000	0.00000	0.55717	0.10645	0.00433	3	0.68	7%	0
033.00	Salt as chloride, Soluble Cl (%)	0685	0.12000	0.00000	0.32133	0.04792	0.01768	25	-4.20	31%	0
033.00	Salt as chloride, Soluble Cl (%)	0539	0.19500	0.03000	0.32133	0.04792	0.01768	25	-2.64	20%	0
033.00	Salt as chloride, Soluble Cl (%)	0309	0.20905	0.00010	0.32133	0.04792	0.01768	25	-2.34	17%	0
033.00	Salt as chloride, Soluble Cl (%)	2012	0.23500	0.01000	0.32133	0.04792	0.01768	25	-1.80	13%	0
033.00	Salt as chloride, Soluble Cl (%)	0885	0.27000	0.02000	0.32133	0.04792	0.01768	25	-1.07	8%	0
033.00	Salt as chloride, Soluble Cl (%)	0504	0.28000	0.02000	0.32133	0.04792	0.01768	25	-0.86	6%	0

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033.00	Salt as chloride, Soluble Cl (%)	2086	0.29000	0.02000	0.32133	0.04792	0.01768	25	-0.65	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0934	0.29500	0.01000	0.32133	0.04792	0.01768	25	-0.55	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0511	0.30500	0.09000	0.32133	0.04792	0.01768	25	-0.34	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0895	0.30500	0.01000	0.32133	0.04792	0.01768	25	-0.34	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0897	0.30500	0.01000	0.32133	0.04792	0.01768	25	-0.34	3%	0
033.00	Salt as chloride, Soluble Cl (%)	2091	0.31500	0.01000	0.32133	0.04792	0.01768	25	-0.13	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0298	0.33000	0.02000	0.32133	0.04792	0.01768	25	0.18	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0893	0.33500	0.03000	0.32133	0.04792	0.01768	25	0.29	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0896	0.33500	0.01000	0.32133	0.04792	0.01768	25	0.29	2%	0
033.00	Salt as chloride, Soluble Cl (%)	2062	0.33595	0.00290	0.32133	0.04792	0.01768	25	0.31	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0016	0.33600	0.00200	0.32133	0.04792	0.01768	25	0.31	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0045	0.33850	0.01700	0.32133	0.04792	0.01768	25	0.36	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0723	0.34000	0.00000	0.32133	0.04792	0.01768	25	0.39	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0903	0.34500	0.01000	0.32133	0.04792	0.01768	25	0.49	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0674	0.36000	0.00000	0.32133	0.04792	0.01768	25	0.81	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0683	0.38000	0.02000	0.32133	0.04792	0.01768	25	1.22	9%	0
033.00	Salt as chloride, Soluble Cl (%)	0353	0.40000	0.02000	0.32133	0.04792	0.01768	25	1.64	12%	0
033.00	Salt as chloride, Soluble Cl (%)	0921	0.45500	0.07000	0.32133	0.04792	0.01768	25	2.79	21%	0
033.00	Salt as chloride, Soluble Cl (%)	0675	0.46500	0.01000	0.32133	0.04792	0.01768	25	3.00	22%	0
033.00	Salt as chloride, Soluble Cl (%)	0693	0.48000	0.10000	0.32133	0.04792	0.01768	25	3.31	25%	1
033.00	Salt as chloride, Soluble Cl (%)	0169	10.000	0.00000	0.32133	0.04792	0.01768	25	201.96	1506%	2
033.01	Salt as chloride, Potentiometric Cl (%)	2006	0.19650	0.00700	0.37801	0.01917	0.00723	31	-9.47	24%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0083	0.32500	0.01000	0.37801	0.01917	0.00723	31	-2.76	7%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0194	0.35500	0.01000	0.37801	0.01917	0.00723	31	-1.20	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0629	0.35500	0.01000	0.37801	0.01917	0.00723	31	-1.20	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0910	0.35500	0.01000	0.37801	0.01917	0.00723	31	-1.20	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0425	0.36000	0.00000	0.37801	0.01917	0.00723	31	-0.94	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0948	0.36000	0.02000	0.37801	0.01917	0.00723	31	-0.94	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0199	0.36500	0.01000	0.37801	0.01917	0.00723	31	-0.68	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0001	0.37000	0.00000	0.37801	0.01917	0.00723	31	-0.42	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0596	0.37000	0.00000	0.37801	0.01917	0.00723	31	-0.42	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0148	0.37400	0.00800	0.37801	0.01917	0.00723	31	-0.21	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0178	0.37400	0.00600	0.37801	0.01917	0.00723	31	-0.21	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0098	0.37500	0.01000	0.37801	0.01917	0.00723	31	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0205	0.37500	0.01200	0.37801	0.01917	0.00723	31	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0229	0.37500	0.01000	0.37801	0.01917	0.00723	31	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2023	0.37500	0.01000	0.37801	0.01917	0.00723	31	-0.16	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0590	0.38000	0.02000	0.37801	0.01917	0.00723	31	0.10	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0683	0.38000	0.00000	0.37801	0.01917	0.00723	31	0.10	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0861	0.38000	0.00000	0.37801	0.01917	0.00723	31	0.10	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0175	0.38500	0.01000	0.37801	0.01917	0.00723	31	0.36	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0354	0.38500	0.01000	0.37801	0.01917	0.00723	31	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Potentiometric Cl (%)	0413	0.38500	0.01000	0.37801	0.01917	0.00723	31	0.36	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0278	0.39000	0.00000	0.37801	0.01917	0.00723	31	0.63	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0407	0.39100	0.00000	0.37801	0.01917	0.00723	31	0.68	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0874	0.39225	0.00850	0.37801	0.01917	0.00723	31	0.74	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0164	0.39500	0.01000	0.37801	0.01917	0.00723	31	0.89	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0100	0.40000	0.00000	0.37801	0.01917	0.00723	31	1.15	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0510	0.40000	0.00000	0.37801	0.01917	0.00723	31	1.15	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0939	0.40500	0.01000	0.37801	0.01917	0.00723	31	1.41	4%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0226	0.43500	0.01000	0.37801	0.01917	0.00723	31	2.97	8%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0011	0.57660	0.00260	0.37801	0.01917	0.00723	31	10.36	26%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0337	0.40500	0.05000	0.37801	0.01917	0.00723	31	1.41	4%	1
033.01	Salt as chloride, Potentiometric Cl (%)	0650	0.42000	0.06000	0.37801	0.01917	0.00723	31	2.19	6%	1
033.03	Salt as chloride, Quantab (%)	0265	0.34000	0.00000	0.38938	0.04674	0.01625	4	-1.06	6%	0
033.03	Salt as chloride, Quantab (%)	0144	0.36000	0.00000	0.38938	0.04674	0.01625	4	-0.63	4%	0
033.03	Salt as chloride, Quantab (%)	0190	0.42000	0.04000	0.38938	0.04674	0.01625	4	0.66	4%	0
033.03	Salt as chloride, Quantab (%)	0726	0.43750	0.02500	0.38938	0.04674	0.01625	4	1.03	6%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0868	0.28500	0.00200	0.34500	0.05766	0.03400	3	-1.04	9%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0171	0.35000	0.08000	0.34500	0.05766	0.03400	3	0.09	1%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0689	0.40000	0.02000	0.34500	0.05766	0.03400	3	0.95	8%	0
033.99	Salt, Miscellaneous (%)	0536	0.19000	0.00000	0.41295	0.08592	0.01950	10	-2.59	27%	0
033.99	Salt, Miscellaneous (%)	0208	0.34200	0.02600	0.41295	0.08592	0.01950	10	-0.83	9%	0
033.99	Salt, Miscellaneous (%)	2073	0.35000	0.00000	0.41295	0.08592	0.01950	10	-0.73	8%	0
033.99	Salt, Miscellaneous (%)	0619	0.37750	0.01100	0.41295	0.08592	0.01950	10	-0.41	4%	0
033.99	Salt, Miscellaneous (%)	0673	0.40000	0.02000	0.41295	0.08592	0.01950	10	-0.15	2%	0
033.99	Salt, Miscellaneous (%)	0552	0.42500	0.05000	0.41295	0.08592	0.01950	10	0.14	1%	0
033.99	Salt, Miscellaneous (%)	0017	0.45000	0.08000	0.41295	0.08592	0.01950	10	0.43	4%	0
033.99	Salt, Miscellaneous (%)	0638	0.46000	0.00000	0.41295	0.08592	0.01950	10	0.55	6%	0
033.99	Salt, Miscellaneous (%)	0358	0.50000	0.00000	0.41295	0.08592	0.01950	10	1.01	11%	0
033.99	Salt, Miscellaneous (%)	0027	0.54800	0.00800	0.41295	0.08592	0.01950	10	1.57	16%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0098	12.650	0.50000			0.34000	2	-0.71	1%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0038	13.230	0.18000			0.34000	2	0.71	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	12.350	0.70000	13.487	1.5148	0.37800	5	-0.75	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	12.490	0.52000	13.487	1.5148	0.37800	5	-0.66	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	12.795	0.07000	13.487	1.5148	0.37800	5	-0.46	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	13.800	0.60000	13.487	1.5148	0.37800	5	0.21	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	16.000	0.00000	13.487	1.5148	0.37800	5	1.66	9%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	7.4750	2.6900	13.487	1.5148	0.37800	5	-3.97	22%	1
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	6.1600	0.10000			0.10000	1			
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0693	14.660	0.96000			0.96000	1			
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	9.7526	6.6031	0.23763	4	-1.48	50%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0508	11.830	0.22000	9.7526	6.6031	0.23763	4	0.31	11%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0038	12.610	0.44000	9.7526	6.6031	0.23763	4	0.43	15%	0

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034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	14.570	0.29050	9.7526	6.6031	0.23763	4	0.73	25%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	14.500	1.0000			1.0000	1			
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	3.9300	0.14000	12.109	3.4171	0.94625	8	-2.39	34%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	8.4550	0.00000	12.109	3.4171	0.94625	8	-1.07	15%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2058	12.075	0.71000	12.109	3.4171	0.94625	8	-0.01	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	12.250	2.9000	12.109	3.4171	0.94625	8	0.04	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0910	12.345	0.39000	12.109	3.4171	0.94625	8	0.07	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	14.650	0.70000	12.109	3.4171	0.94625	8	0.74	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	14.965	0.21000	12.109	3.4171	0.94625	8	0.84	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	15.150	2.5200	12.109	3.4171	0.94625	8	0.89	13%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	12.500	1.0000			1.0000	1			
035.01	Sodium, Ion-selective electrode (%)	0868	0.17300	0.00000	0.20638	0.03200	0.00725	4	-1.04	8%	0
035.01	Sodium, Ion-selective electrode (%)	0596	0.20000	0.02000	0.20638	0.03200	0.00725	4	-0.20	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.20250	0.00700	0.20638	0.03200	0.00725	4	-0.12	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.25000	0.00200	0.20638	0.03200	0.00725	4	1.36	11%	0
035.05	Sodium, Flame Emission (%)	0152	0.07500	0.03000	0.16930	0.05404	0.01260	5	-1.75	28%	0
035.05	Sodium, Flame Emission (%)	0108	0.17500	0.01000	0.16930	0.05404	0.01260	5	0.11	2%	0
035.05	Sodium, Flame Emission (%)	0590	0.19000	0.02000	0.16930	0.05404	0.01260	5	0.38	6%	0
035.05	Sodium, Flame Emission (%)	0504	0.20000	0.00000	0.16930	0.05404	0.01260	5	0.57	9%	0
035.05	Sodium, Flame Emission (%)	0066	0.20650	0.00300	0.16930	0.05404	0.01260	5	0.69	11%	0
035.05	Sodium, Flame Emission (%)	0337	19.150	0.70000	0.16930	0.05404	0.01260	5	351.26	5606%	1
035.31	Sodium, AAS, Dry ash (%)	0874	0.11290	0.00260	0.19176	0.01170	0.00676	22	-6.74	21%	0
035.31	Sodium, AAS, Dry ash (%)	0673	0.16500	0.01000	0.19176	0.01170	0.00676	22	-2.29	7%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.16500	0.01000	0.19176	0.01170	0.00676	22	-2.29	7%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.18000	0.02000	0.19176	0.01170	0.00676	22	-1.01	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.18000	0.00000	0.19176	0.01170	0.00676	22	-1.01	3%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.18050	0.00100	0.19176	0.01170	0.00676	22	-0.96	3%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.18550	0.00300	0.19176	0.01170	0.00676	22	-0.54	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.18700	0.00020	0.19176	0.01170	0.00676	22	-0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.18800	0.00200	0.19176	0.01170	0.00676	22	-0.32	1%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.19000	0.02000	0.19176	0.01170	0.00676	22	-0.15	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.19100	0.00800	0.19176	0.01170	0.00676	22	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.19500	0.01000	0.19176	0.01170	0.00676	22	0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0646	0.19500	0.01000	0.19176	0.01170	0.00676	22	0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.19500	0.01000	0.19176	0.01170	0.00676	22	0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.19600	0.00400	0.19176	0.01170	0.00676	22	0.36	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.19800	0.00400	0.19176	0.01170	0.00676	22	0.53	2%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.19980	0.00000	0.19176	0.01170	0.00676	22	0.69	2%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.20000	0.00000	0.19176	0.01170	0.00676	22	0.70	2%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.20000	0.02000	0.19176	0.01170	0.00676	22	0.70	2%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.22200	0.00400	0.19176	0.01170	0.00676	22	2.58	8%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.24500	0.01000	0.19176	0.01170	0.00676	22	4.55	14%	0



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035.31	Sodium, AAS, Dry ash (%)	0946	0.25000	0.00000	0.19176	0.01170	0.00676	22	4.98	15%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.11840	0.00000	0.19803	0.11261	0.00618	4	-0.51	49%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.26000	0.02000	0.19803	0.11261	0.00618	4	-0.50	48%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.27765	0.00470	0.19803	0.11261	0.00618	4	-0.49	47%	0
035.32	Sodium, AAS, Open vessel (%)	0169	21.000	0.00000	0.19803	0.11261	0.00618	4	1.50	144%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.12000	0.00000	0.19348	0.01405	0.00893	32	-5.23	19%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.14000	0.00000	0.19348	0.01405	0.00893	32	-3.81	14%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.17000	0.00000	0.19348	0.01405	0.00893	32	-1.67	6%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.17000	0.00000	0.19348	0.01405	0.00893	32	-1.67	6%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.17425	0.01850	0.19348	0.01405	0.00893	32	-1.37	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.17500	0.01000	0.19348	0.01405	0.00893	32	-1.32	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.18000	0.00000	0.19348	0.01405	0.00893	32	-0.96	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.18025	0.00310	0.19348	0.01405	0.00893	32	-0.94	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.18200	0.00600	0.19348	0.01405	0.00893	32	-0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.19000	0.00000	0.19348	0.01405	0.00893	32	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.19000	0.00000	0.19348	0.01405	0.00893	32	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.19000	0.00000	0.19348	0.01405	0.00893	32	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.19000	0.02000	0.19348	0.01405	0.00893	32	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.19000	0.00000	0.19348	0.01405	0.00893	32	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.19250	0.00100	0.19348	0.01405	0.00893	32	-0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.19350	0.00300	0.19348	0.01405	0.00893	32	0.00	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.19500	0.03000	0.19348	0.01405	0.00893	32	0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.19500	0.01000	0.19348	0.01405	0.00893	32	0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.19650	0.00900	0.19348	0.01405	0.00893	32	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.19650	0.00700	0.19348	0.01405	0.00893	32	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.20000	0.00000	0.19348	0.01405	0.00893	32	0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.20000	0.00000	0.19348	0.01405	0.00893	32	0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.20000	0.00000	0.19348	0.01405	0.00893	32	0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.20000	0.02000	0.19348	0.01405	0.00893	32	0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.20000	0.00000	0.19348	0.01405	0.00893	32	0.46	2%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.20500	0.01000	0.19348	0.01405	0.00893	32	0.82	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.20935	0.03010	0.19348	0.01405	0.00893	32	1.13	4%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.21000	0.00400	0.19348	0.01405	0.00893	32	1.18	4%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.21370	0.01220	0.19348	0.01405	0.00893	32	1.44	5%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.21650	0.01100	0.19348	0.01405	0.00893	32	1.64	6%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.21850	0.03100	0.19348	0.01405	0.00893	32	1.78	6%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.23500	0.05000	0.19348	0.01405	0.00893	32	2.95	11%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.25050	0.05500	0.19348	0.01405	0.00893	32	4.06	15%	1
035.42	Sodium, ICP, Open vessel (%)	0035	0.16180	0.00140	0.19475	0.01630	0.01033	18	-2.02	8%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.17500	0.01000	0.19475	0.01630	0.01033	18	-1.21	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.17550	0.01500	0.19475	0.01630	0.01033	18	-1.18	5%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.17800	0.00200	0.19475	0.01630	0.01033	18	-1.03	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0504	0.18500	0.01400	0.19475	0.01630	0.01033	18	-0.60	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.18900	0.00200	0.19475	0.01630	0.01033	18	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.19000	0.00000	0.19475	0.01630	0.01033	18	-0.29	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.19050	0.01900	0.19475	0.01630	0.01033	18	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.19285	0.00470	0.19475	0.01630	0.01033	18	-0.12	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.19500	0.01000	0.19475	0.01630	0.01033	18	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.20000	0.00000	0.19475	0.01630	0.01033	18	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.20000	0.00000	0.19475	0.01630	0.01033	18	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.20100	0.00780	0.19475	0.01630	0.01033	18	0.38	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.20500	0.01000	0.19475	0.01630	0.01033	18	0.63	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.20850	0.01300	0.19475	0.01630	0.01033	18	0.84	4%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.23220	0.00060	0.19475	0.01630	0.01033	18	2.30	10%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.23750	0.01500	0.19475	0.01630	0.01033	18	2.62	11%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.33930	0.06140	0.19475	0.01630	0.01033	18	8.87	37%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.13500	0.07000	0.19475	0.01630	0.01033	18	-3.67	15%	1
035.43	Sodium, ICP, Microwave (%)	2058	0.15000	0.02000	0.18683	0.00911	0.01230	17	-4.04	10%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.16550	0.00900	0.18683	0.00911	0.01230	17	-2.34	6%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.17500	0.03000	0.18683	0.00911	0.01230	17	-1.30	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.17700	0.00400	0.18683	0.00911	0.01230	17	-1.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.18200	0.00400	0.18683	0.00911	0.01230	17	-0.53	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.18500	0.01000	0.18683	0.00911	0.01230	17	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.18500	0.03000	0.18683	0.00911	0.01230	17	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.18500	0.01000	0.18683	0.00911	0.01230	17	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.18650	0.00100	0.18683	0.00911	0.01230	17	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.18750	0.00300	0.18683	0.00911	0.01230	17	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.19000	0.00000	0.18683	0.00911	0.01230	17	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.19000	0.02000	0.18683	0.00911	0.01230	17	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.19150	0.00900	0.18683	0.00911	0.01230	17	0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.20000	0.00000	0.18683	0.00911	0.01230	17	1.45	4%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.20035	0.04610	0.18683	0.00911	0.01230	17	1.48	4%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.21550	0.00300	0.18683	0.00911	0.01230	17	3.15	8%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.24500	0.01000	0.18683	0.00911	0.01230	17	6.39	16%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.22895	0.00430			0.00430	1			
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.19460	0.00540			0.01770	2	-0.71	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.19500	0.03000			0.01770	2	0.71	0%	0
035.99	Sodium, Miscellaneous (%)	0940	0.07500	0.01000	0.13250	0.08132	0.05333	3	-0.64	44%	0
035.99	Sodium, Miscellaneous (%)	0100	0.19000	0.00000	0.13250	0.08132	0.05333	3	-0.51	36%	0
035.99	Sodium, Miscellaneous (%)	0889	1.7050	0.15000	0.13250	0.08132	0.05333	3	1.15	80%	0
036.04	Sulfur, LECO (%)	0168	0.38700	0.03400	0.67500	0.04243	0.01880	5	-1.72	19%	0
036.04	Sulfur, LECO (%)	0610	0.61500	0.03000	0.67500	0.04243	0.01880	5	-0.02	0%	0
036.04	Sulfur, LECO (%)	0226	0.67500	0.01000	0.67500	0.04243	0.01880	5	0.43	5%	0
036.04	Sulfur, LECO (%)	0098	0.70500	0.01000	0.67500	0.04243	0.01880	5	0.65	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.04	Sulfur, LECO (%)	0229	0.70500	0.01000	0.67500	0.04243	0.01880	5	0.65	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.67300	0.08600	0.76354	0.07078	0.02257	19	-1.28	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.68000	0.02000	0.76354	0.07078	0.02257	19	-1.18	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.68000	0.00000	0.76354	0.07078	0.02257	19	-1.18	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.68150	0.00100	0.76354	0.07078	0.02257	19	-1.16	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.71575	0.01970	0.76354	0.07078	0.02257	19	-0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.72000	0.02000	0.76354	0.07078	0.02257	19	-0.62	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.74000	0.06000	0.76354	0.07078	0.02257	19	-0.33	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.74800	0.02800	0.76354	0.07078	0.02257	19	-0.22	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.75500	0.01000	0.76354	0.07078	0.02257	19	-0.12	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.76305	0.02750	0.76354	0.07078	0.02257	19	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.76500	0.01000	0.76354	0.07078	0.02257	19	0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.77000	0.02000	0.76354	0.07078	0.02257	19	0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.78500	0.01000	0.76354	0.07078	0.02257	19	0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0619	0.81650	0.00100	0.76354	0.07078	0.02257	19	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.82000	0.02000	0.76354	0.07078	0.02257	19	0.80	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.83180	0.00240	0.76354	0.07078	0.02257	19	0.96	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.84550	0.03300	0.76354	0.07078	0.02257	19	1.16	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.84750	0.03020	0.76354	0.07078	0.02257	19	1.19	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.92500	0.03000	0.76354	0.07078	0.02257	19	2.28	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.59500	0.11000	0.76354	0.07078	0.02257	19	-2.38	11%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.66000	0.02000	0.71530	0.04106	0.01220	10	-1.35	4%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.67500	0.01000	0.71530	0.04106	0.01220	10	-0.98	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.69050	0.00500	0.71530	0.04106	0.01220	10	-0.60	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.69700	0.02200	0.71530	0.04106	0.01220	10	-0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.70400	0.00800	0.71530	0.04106	0.01220	10	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.71500	0.01000	0.71530	0.04106	0.01220	10	-0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.74150	0.02700	0.71530	0.04106	0.01220	10	0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0043	0.74500	0.01000	0.71530	0.04106	0.01220	10	0.72	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.76000	0.00000	0.71530	0.04106	0.01220	10	1.09	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.76500	0.01000	0.71530	0.04106	0.01220	10	1.21	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	75.500	1.0000	0.71530	0.04106	0.01220	10	1821.56	5228%	2
036.99	Sulfur, Miscellaneous (%)	0889	0.54500	0.01000			0.01000	1			
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	822.42	1.2500	941.39	74.106	20.605	21	-1.61	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	833.50	33.000	941.39	74.106	20.605	21	-1.46	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0646	881.25	0.00000	941.39	74.106	20.605	21	-0.81	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	883.45	2.9400	941.39	74.106	20.605	21	-0.78	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	888.05	4.1000	941.39	74.106	20.605	21	-0.72	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2067	888.67	0.97500	941.39	74.106	20.605	21	-0.71	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	893.79	0.00000	941.39	74.106	20.605	21	-0.64	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0638	909.38	51.250	941.39	74.106	20.605	21	-0.43	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	923.47	15.970	941.39	74.106	20.605	21	-0.24	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	930.00	20.000	941.39	74.106	20.605	21	-0.15	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	941.50	17.000	941.39	74.106	20.605	21	0.00	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	948.64	42.970	941.39	74.106	20.605	21	0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	949.90	20.200	941.39	74.106	20.605	21	0.11	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	952.00	24.000	941.39	74.106	20.605	21	0.14	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	975.00	30.000	941.39	74.106	20.605	21	0.45	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	994.00	0.00000	941.39	74.106	20.605	21	0.71	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	995.27	19.480	941.39	74.106	20.605	21	0.73	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0673	1,014.0	64.000	941.39	74.106	20.605	21	0.98	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	1,038.5	69.000	941.39	74.106	20.605	21	1.31	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	1,046.1	16.298	941.39	74.106	20.605	21	1.41	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	1,062.1	0.27000	941.39	74.106	20.605	21	1.63	6%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	950.00	100.00	1,009.0	47.195	50.700	4	-1.25	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	991.85	80.300	1,009.0	47.195	50.700	4	-0.36	1%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	1,047.0	8.0000	1,009.0	47.195	50.700	4	0.80	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	1,047.3	14.500	1,009.0	47.195	50.700	4	0.81	2%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	948.94	2.6000			2.6000	1			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	376.50	3.0000	940.23	58.467	23.337	26	-9.64	30%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	723.18	1.5000	940.23	58.467	23.337	26	-3.71	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	795.00	12.000	940.23	58.467	23.337	26	-2.48	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	857.96	25.530	940.23	58.467	23.337	26	-1.41	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	861.22	52.620	940.23	58.467	23.337	26	-1.35	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	905.25	62.900	940.23	58.467	23.337	26	-0.60	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	905.50	21.000	940.23	58.467	23.337	26	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	923.50	15.800	940.23	58.467	23.337	26	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	924.90	4.2000	940.23	58.467	23.337	26	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	925.20	23.400	940.23	58.467	23.337	26	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	934.00	18.000	940.23	58.467	23.337	26	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	934.10	0.04000	940.23	58.467	23.337	26	-0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	936.70	2.6000	940.23	58.467	23.337	26	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	943.36	40.655	940.23	58.467	23.337	26	0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	945.27	11.285	940.23	58.467	23.337	26	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	945.50	11.000	940.23	58.467	23.337	26	0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	949.50	15.000	940.23	58.467	23.337	26	0.16	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0300	954.50	20.554	940.23	58.467	23.337	26	0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	960.00	6.0000	940.23	58.467	23.337	26	0.34	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	979.00	42.000	940.23	58.467	23.337	26	0.66	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	979.30	63.400	940.23	58.467	23.337	26	0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	1,020.7	59.290	940.23	58.467	23.337	26	1.38	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	1,021.5	41.000	940.23	58.467	23.337	26	1.39	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	1,024.0	12.000	940.23	58.467	23.337	26	1.43	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	1,035.0	26.000	940.23	58.467	23.337	26	1.62	5%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	1,044.0	16.000	940.23	58.467	23.337	26	1.77	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	747.10	3.8000	939.34	95.212	31.552	18	-2.02	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	833.50	19.000	939.34	95.212	31.552	18	-1.11	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	841.05	12.900	939.34	95.212	31.552	18	-1.03	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	868.01	3.6100	939.34	95.212	31.552	18	-0.75	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	886.00	28.000	939.34	95.212	31.552	18	-0.56	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	889.00	10.000	939.34	95.212	31.552	18	-0.53	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	895.00	30.000	939.34	95.212	31.552	18	-0.47	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	912.00	96.000	939.34	95.212	31.552	18	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	914.00	18.000	939.34	95.212	31.552	18	-0.27	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	924.60	38.400	939.34	95.212	31.552	18	-0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	946.50	27.000	939.34	95.212	31.552	18	0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	984.60	36.800	939.34	95.212	31.552	18	0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	999.55	12.900	939.34	95.212	31.552	18	0.63	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	1,010.3	34.520	939.34	95.212	31.552	18	0.75	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	1,015.0	10.000	939.34	95.212	31.552	18	0.79	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	1,034.5	9.0000	939.34	95.212	31.552	18	1.00	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	1,112.0	147.00	939.34	95.212	31.552	18	1.81	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	1,163.5	31.000	939.34	95.212	31.552	18	2.35	12%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	919.00	184.00	939.34	95.212	31.552	18	-0.21	1%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	666.90	35.200	911.83	77.537	43.848	19	-3.16	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	814.50	9.0000	911.83	77.537	43.848	19	-1.26	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	822.00	14.000	911.83	77.537	43.848	19	-1.16	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	838.00	46.000	911.83	77.537	43.848	19	-0.95	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	858.98	9.0700	911.83	77.537	43.848	19	-0.68	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	892.50	45.000	911.83	77.537	43.848	19	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	893.90	35.800	911.83	77.537	43.848	19	-0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	896.00	40.000	911.83	77.537	43.848	19	-0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	896.50	7.0000	911.83	77.537	43.848	19	-0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	913.78	5.7300	911.83	77.537	43.848	19	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	914.30	20.200	911.83	77.537	43.848	19	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	917.30	110.00	911.83	77.537	43.848	19	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	928.93	128.11	911.83	77.537	43.848	19	0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	932.95	14.900	911.83	77.537	43.848	19	0.27	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0008	971.00	38.000	911.83	77.537	43.848	19	0.76	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	983.00	74.000	911.83	77.537	43.848	19	0.92	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	1,010.5	7.0000	911.83	77.537	43.848	19	1.27	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0037	1,017.0	174.10	911.83	77.537	43.848	19	1.36	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	1,050.0	20.000	911.83	77.537	43.848	19	1.78	8%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	937.00	10.000			10.000	1			
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	865.00	10.000			10.000	1			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	873.00	10.000			38.590	2	-0.71	1%	0

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037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	925.91	67.180			38.590	2	0.71	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	502.00	46.000			32.500	2	-0.71	17%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	1,022.5	19.000			32.500	2	0.71	17%	0
038.34	Molybdenum, AAS, Graphite furnace (mg / kg (ppr	0563	1.3100	0.02000			0.02000	1			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.88500	0.25000	1.1033	0.33347	0.22967	3	-0.65	10%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	0.93775	0.05450	1.1033	0.33347	0.22967	3	-0.50	8%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	1.4872	0.38450	1.1033	0.33347	0.22967	3	1.15	17%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	0.69000	1.3800	1.1498	0.36827	0.55300	4	-1.25	20%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0560	1.0190	0.53200	1.1498	0.36827	0.55300	4	-0.36	6%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.4000	0.08000	1.1498	0.36827	0.55300	4	0.68	11%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.4900	0.22000	1.1498	0.36827	0.55300	4	0.92	15%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	1.2207	0.20727	0.05970	7	-5.89	50%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.0800	0.04000	1.2207	0.20727	0.05970	7	-0.68	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.2000	0.00000	1.2207	0.20727	0.05970	7	-0.10	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.2300	0.20000	1.2207	0.20727	0.05970	7	0.04	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.2950	0.07000	1.2207	0.20727	0.05970	7	0.36	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.3800	0.00790	1.2207	0.20727	0.05970	7	0.77	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.4500	0.10000	1.2207	0.20727	0.05970	7	1.11	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.86000	1.7200	1.2207	0.20727	0.05970	7	-1.74	15%	1
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0555	1.5500	0.10000			0.10000	1			
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0910	0.66000	0.14000	1.3054	0.40341	0.09880	5	-1.60	25%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.1760	0.10400	1.3054	0.40341	0.09880	5	-0.32	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.4562	0.00000	1.3054	0.40341	0.09880	5	0.37	6%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.6100	0.24000	1.3054	0.40341	0.09880	5	0.75	12%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.6250	0.01000	1.3054	0.40341	0.09880	5	0.79	12%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	7.8850	0.79000			0.79000	1			
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0038	8.6250	0.27000			0.27000	1			
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	9.4000	0.80000			0.80000	1			
041.31	Vanadium, AAS, Dry ash (mg / kg (ppm))	0563	4.5900	0.58000			0.58000	1			
041.41	Vanadium, ICP, Dry ash (mg / kg (ppm))	0619	3.6400	0.02000			0.02000	1			
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0021	6.1000	0.80000			0.80000	1			
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	6.5000	0.00000			0.00000	1			
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	6.2750	1.2100			1.2100	1			
042.00	Chloride, Titrimetric (%)	2012	0.14000	0.00000			0.00000	2	-0.71	10%	0
042.00	Chloride, Titrimetric (%)	0297	0.21000	0.00000			0.00000	2	0.71	10%	0
042.99		0613	0.22500	0.03000			0.02000	2	-0.71	1%	0
042.99		2089	0.23500	0.01000			0.02000	2	0.71	1%	0
057.01	Ethoxyquin, LC (mg / kg (ppm))	2058	0.00000	0.00000			0.00000	1			
065.00	Monensin, Plate (mg / kg (ppm))	0964	768.95	1.3000	820.09	39.016	27.380	5	-1.31	3%	0
065.00	Monensin, Plate (mg / kg (ppm))	0035	805.00	2.0000	820.09	39.016	27.380	5	-0.39	1%	0
065.00	Monensin, Plate (mg / kg (ppm))	0027	808.75	38.300	820.09	39.016	27.380	5	-0.29	1%	0
065.00	Monensin, Plate (mg / kg (ppm))	0016	851.50	89.000	820.09	39.016	27.380	5	0.81	2%	0

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065.00	Monensin, Plate (mg / kg (ppm))	0043	866.25	6.3000	820.09	39.016	27.380	5	1.18	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0613	454.56	9.0200	783.72	73.073	20.603	12	-4.50	21%	0
065.03	Monensin, LC (mg / kg (ppm))	0610	721.00	6.0000	783.72	73.073	20.603	12	-0.86	4%	0
065.03	Monensin, LC (mg / kg (ppm))	0047	739.17	16.070	783.72	73.073	20.603	12	-0.61	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0563	741.00	60.000	783.72	73.073	20.603	12	-0.58	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0148	747.03	5.8600	783.72	73.073	20.603	12	-0.50	2%	0
065.03	Monensin, LC (mg / kg (ppm))	0668	750.60	44.800	783.72	73.073	20.603	12	-0.45	2%	0
065.03	Monensin, LC (mg / kg (ppm))	0910	787.25	2.3000	783.72	73.073	20.603	12	0.05	0%	0
065.03	Monensin, LC (mg / kg (ppm))	2053	814.50	11.000	783.72	73.073	20.603	12	0.42	2%	0
065.03	Monensin, LC (mg / kg (ppm))	0001	837.94	21.080	783.72	73.073	20.603	12	0.74	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0941	852.15	51.100	783.72	73.073	20.603	12	0.94	4%	0
065.03	Monensin, LC (mg / kg (ppm))	0619	867.00	0.00000	783.72	73.073	20.603	12	1.14	5%	0
065.03	Monensin, LC (mg / kg (ppm))	0905	904.00	20.000	783.72	73.073	20.603	12	1.65	8%	0
065.03	Monensin, LC (mg / kg (ppm))	0038	1,181.0	260.00	783.72	73.073	20.603	12	5.44	25%	1
065.04	Monensin, LC-PCD (mg / kg (ppm))	0218	737.00	6.0000	789.42	50.131	5.1600	5	-1.05	3%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	756.45	1.9000	789.42	50.131	5.1600	5	-0.66	2%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0512	767.65	5.9000	789.42	50.131	5.1600	5	-0.43	1%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0009	842.00	10.000	789.42	50.131	5.1600	5	1.05	3%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0032	844.00	2.0000	789.42	50.131	5.1600	5	1.09	3%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0006	688.50	103.00	789.42	50.131	5.1600	5	-2.01	6%	1
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0033	549.50	33.000	713.05	136.21	24.650	4	-1.20	11%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0171	659.60	46.000	713.05	136.21	24.650	4	-0.39	4%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	786.10	17.600	713.05	136.21	24.650	4	0.54	5%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0013	857.00	2.0000	713.05	136.21	24.650	4	1.06	10%	0
079.01	Salinomycin, LC (mg / kg (ppm))	0613	0.00000	0.00000			0.00000	1			
088.00	Tylosin, Plate (mg / kg (ppm))	0964	158.65	23.010	279.32	123.79	23.537	3	-0.97	22%	0
088.00	Tylosin, Plate (mg / kg (ppm))	0043	273.30	11.600	279.32	123.79	23.537	3	-0.05	1%	0
088.00	Tylosin, Plate (mg / kg (ppm))	0004	406.00	36.000	279.32	123.79	23.537	3	1.02	23%	0
088.02	Tylosin, Plate with Hydrolysis (mg / kg (ppm))	0014	246.70	34.200			34.200	1			
088.03	Tylosin, LC (mg / kg (ppm))	2053	1.0000	0.20000	120.67	184.75	7.0980	5	-0.85	50%	0
088.03	Tylosin, LC (mg / kg (ppm))	0038	10.685	1.4900	120.67	184.75	7.0980	5	-0.79	46%	0
088.03	Tylosin, LC (mg / kg (ppm))	0941	78.000	7.8000	120.67	184.75	7.0980	5	-0.39	23%	0
088.03	Tylosin, LC (mg / kg (ppm))	0033	233.00	26.000	120.67	184.75	7.0980	5	0.54	31%	0
088.03	Tylosin, LC (mg / kg (ppm))	0619	393.00	0.00000	120.67	184.75	7.0980	5	1.49	87%	0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	844.00	72.000			72.000	1			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	19.250	1.5000			1.5000	1			
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	7.2500	0.60000			0.60000	1			
104.03	Riboflavin, LC (mg / kg (ppm))	2023	2.8000	0.00000			0.00000	1			
105.00	Thiamine, LC (mg / kg (ppm))	2023	4.3500	0.10000			0.10000	1			
106.00	Vitamin A, Colorimeter (KU / kg)	0019	63.119	4.4690	80.628	19.078	2.5129	3	-0.92	11%	0
106.00	Vitamin A, Colorimeter (KU / kg)	0171	77.805	2.4700	80.628	19.078	2.5129	3	-0.15	2%	0
106.00	Vitamin A, Colorimeter (KU / kg)	0027	100.96	0.59980	80.628	19.078	2.5129	3	1.07	13%	0

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106.01	Vitamin A, UV (KU / kg)	0098	71.600	10.200			10.200	1			
106.02	Vitamin A, LC (KU / kg)	2067	25.419	3.4520	76.334	20.468	6.5604	29	-2.49	33%	0
106.02	Vitamin A, LC (KU / kg)	0946	45.230	0.16000	76.334	20.468	6.5604	29	-1.52	20%	0
106.02	Vitamin A, LC (KU / kg)	0008	51.335	20.630	76.334	20.468	6.5604	29	-1.22	16%	0
106.02	Vitamin A, LC (KU / kg)	2066	54.470	0.00000	76.334	20.468	6.5604	29	-1.07	14%	0
106.02	Vitamin A, LC (KU / kg)	0555	54.600	1.4000	76.334	20.468	6.5604	29	-1.06	14%	0
106.02	Vitamin A, LC (KU / kg)	0199	55.700	0.00000	76.334	20.468	6.5604	29	-1.01	14%	0
106.02	Vitamin A, LC (KU / kg)	0619	62.300	0.00000	76.334	20.468	6.5604	29	-0.69	9%	0
106.02	Vitamin A, LC (KU / kg)	0169	62.500	1.0000	76.334	20.468	6.5604	29	-0.68	9%	0
106.02	Vitamin A, LC (KU / kg)	0038	63.995	4.1500	76.334	20.468	6.5604	29	-0.60	8%	0
106.02	Vitamin A, LC (KU / kg)	0941	64.708	2.4750	76.334	20.468	6.5604	29	-0.57	8%	0
106.02	Vitamin A, LC (KU / kg)	0016	65.800	22.400	76.334	20.468	6.5604	29	-0.51	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	73.500	3.0000	76.334	20.468	6.5604	29	-0.14	2%	0
106.02	Vitamin A, LC (KU / kg)	0563	73.554	6.8718	76.334	20.468	6.5604	29	-0.14	2%	0
106.02	Vitamin A, LC (KU / kg)	2023	75.800	8.4000	76.334	20.468	6.5604	29	-0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0014	78.000	16.000	76.334	20.468	6.5604	29	0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	2058	81.230	3.5400	76.334	20.468	6.5604	29	0.24	3%	0
106.02	Vitamin A, LC (KU / kg)	0638	81.500	9.5200	76.334	20.468	6.5604	29	0.25	3%	0
106.02	Vitamin A, LC (KU / kg)	0676	81.500	2.0000	76.334	20.468	6.5604	29	0.25	3%	0
106.02	Vitamin A, LC (KU / kg)	2004	81.700	5.6000	76.334	20.468	6.5604	29	0.26	4%	0
106.02	Vitamin A, LC (KU / kg)	0033	84.500	13.000	76.334	20.468	6.5604	29	0.40	5%	0
106.02	Vitamin A, LC (KU / kg)	0035	87.065	0.25000	76.334	20.468	6.5604	29	0.52	7%	0
106.02	Vitamin A, LC (KU / kg)	0208	87.853	11.243	76.334	20.468	6.5604	29	0.56	8%	0
106.02	Vitamin A, LC (KU / kg)	2053	90.450	0.90000	76.334	20.468	6.5604	29	0.69	9%	0
106.02	Vitamin A, LC (KU / kg)	0861	92.700	7.2000	76.334	20.468	6.5604	29	0.80	11%	0
106.02	Vitamin A, LC (KU / kg)	0689	96.600	14.600	76.334	20.468	6.5604	29	0.99	13%	0
106.02	Vitamin A, LC (KU / kg)	0004	97.540	4.1200	76.334	20.468	6.5604	29	1.04	14%	0
106.02	Vitamin A, LC (KU / kg)	0227	109.50	1.0000	76.334	20.468	6.5604	29	1.62	22%	0
106.02	Vitamin A, LC (KU / kg)	0512	110.38	27.240	76.334	20.468	6.5604	29	1.66	22%	0
106.02	Vitamin A, LC (KU / kg)	0675	133.25	0.10000	76.334	20.468	6.5604	29	2.78	37%	0
106.02	Vitamin A, LC (KU / kg)	0905	89.700	36.800	76.334	20.468	6.5604	29	0.65	9%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	14.050	1.3000			1.3000	1			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	14.780	0.58000			0.58000	1			
108.02	Vitamin D3, LC (KU / kg)	0904	11.345	2.0700	28.008	29.213	1.8640	5	-0.57	30%	0
108.02	Vitamin D3, LC (KU / kg)	0610	12.050	1.3000	28.008	29.213	1.8640	5	-0.55	28%	0
108.02	Vitamin D3, LC (KU / kg)	2058	13.115	0.33000	28.008	29.213	1.8640	5	-0.51	27%	0
108.02	Vitamin D3, LC (KU / kg)	0227	24.100	4.0000	28.008	29.213	1.8640	5	-0.13	7%	0
108.02	Vitamin D3, LC (KU / kg)	0675	79.430	1.6200	28.008	29.213	1.8640	5	1.76	92%	0
108.02	Vitamin D3, LC (KU / kg)	2066	14,163	33.600	28.008	29.213	1.8640	5	483.86	25234%	1
108.99	Vitamin D3, Miscellaneous (KU / kg)	0676	9.6500	0.70000			0.40000	2	-0.71	12%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	15.450	0.10000			0.40000	2	0.71	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0619	0.27600	0.00000	196.96	30.464	9.0073	18	-6.46	50%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
109.02	Vitamin E, LC (mg / kg (ppm))	2067	154.98	2.7270	196.96	30.464	9.0073	18	-1.38	11%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	160.00	20.000	196.96	30.464	9.0073	18	-1.21	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0160	168.10	3.4000	196.96	30.464	9.0073	18	-0.95	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0008	170.62	16.910	196.96	30.464	9.0073	18	-0.86	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	192.58	1.9050	196.96	30.464	9.0073	18	-0.14	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0199	193.94	22.670	196.96	30.464	9.0073	18	-0.10	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	195.25	2.3000	196.96	30.464	9.0073	18	-0.06	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2058	198.28	9.2200	196.96	30.464	9.0073	18	0.04	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	200.17	9.6000	196.96	30.464	9.0073	18	0.11	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	205.00	8.0000	196.96	30.464	9.0073	18	0.26	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	207.00	2.0000	196.96	30.464	9.0073	18	0.33	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2053	207.00	18.000	196.96	30.464	9.0073	18	0.33	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	219.00	3.4000	196.96	30.464	9.0073	18	0.72	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0638	223.00	24.000	196.96	30.464	9.0073	18	0.85	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	226.50	7.0000	196.96	30.464	9.0073	18	0.97	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	230.00	0.00000	196.96	30.464	9.0073	18	1.08	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	265.50	11.000	196.96	30.464	9.0073	18	2.25	17%	0
113.01	Folic Acid, Microbiological (mg / kg (ppm))	0227	0.67150	0.03100			0.03100	1			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.37400	0.02600			0.02600	1			
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0004	6.1300	0.20000	35.459	2.7878	0.27286	7	-10.52	41%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0505	29.365	0.19000	35.459	2.7878	0.27286	7	-2.19	9%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0596	34.450	0.50000	35.459	2.7878	0.27286	7	-0.36	1%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0001	36.165	0.47000	35.459	2.7878	0.27286	7	0.25	1%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0033	36.750	0.10000	35.459	2.7878	0.27286	7	0.46	2%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0512	37.865	0.21000	35.459	2.7878	0.27286	7	0.86	3%	0
115.00	Non Protein Nitrogen (NPN), Urea + Am, Urease †	0035	38.280	0.24000	35.459	2.7878	0.27286	7	1.01	4%	0
115.99	Non Protein Nitrogen (NPN), Miscellaneous (%)	0904	10.940	0.64000			0.64000	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.69450	0.01300	0.76670	0.02162	0.01384	16	-3.34	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.71500	0.01000	0.76670	0.02162	0.01384	16	-2.39	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.73500	0.01000	0.76670	0.02162	0.01384	16	-1.47	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.75500	0.01000	0.76670	0.02162	0.01384	16	-0.54	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.75715	0.00270	0.76670	0.02162	0.01384	16	-0.44	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.76000	0.02000	0.76670	0.02162	0.01384	16	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.76000	0.02000	0.76670	0.02162	0.01384	16	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.76500	0.03000	0.76670	0.02162	0.01384	16	-0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.76700	0.00000	0.76670	0.02162	0.01384	16	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.76750	0.01300	0.76670	0.02162	0.01384	16	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.77650	0.01500	0.76670	0.02162	0.01384	16	0.45	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.78000	0.02000	0.76670	0.02162	0.01384	16	0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.78675	0.00910	0.76670	0.02162	0.01384	16	0.93	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.79015	0.01670	0.76670	0.02162	0.01384	16	1.08	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.79550	0.02300	0.76670	0.02162	0.01384	16	1.33	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.80050	0.00900	0.76670	0.02162	0.01384	16	1.56	2%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.57000	0.00200			0.00200	1			
120.02	Alanine, Post-col OPA Der (%)	2023	0.49000	0.02000			0.03060	2	-0.71	12%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.79150	0.04120			0.03060	2	0.71	12%	0
120.05	Alanine, Pre-col AQC Der (%)	0008	0.67000	0.00000	0.71063	0.03968	0.02875	4	-1.02	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.68450	0.03700	0.71063	0.03968	0.02875	4	-0.66	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	0.73500	0.01000	0.71063	0.03968	0.02875	4	0.61	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.75300	0.06800	0.71063	0.03968	0.02875	4	1.07	3%	0
120.99	Alanine, Miscellaneous (%)	0904	0.75000	0.08000			0.08000	1			
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.3750	0.01000	1.4648	0.04610	0.02294	16	-1.95	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.4100	0.04000	1.4648	0.04610	0.02294	16	-1.19	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.4200	0.02000	1.4648	0.04610	0.02294	16	-0.97	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.4300	0.00000	1.4648	0.04610	0.02294	16	-0.76	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.4350	0.01000	1.4648	0.04610	0.02294	16	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.4350	0.03000	1.4648	0.04610	0.02294	16	-0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.4600	0.00000	1.4648	0.04610	0.02294	16	-0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.4651	0.01300	1.4648	0.04610	0.02294	16	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.4700	0.02000	1.4648	0.04610	0.02294	16	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	1.4763	0.07680	1.4648	0.04610	0.02294	16	0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.4870	0.01000	1.4648	0.04610	0.02294	16	0.48	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.4955	0.04700	1.4648	0.04610	0.02294	16	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.5048	0.01820	1.4648	0.04610	0.02294	16	0.87	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.5070	0.00400	1.4648	0.04610	0.02294	16	0.91	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.5120	0.05800	1.4648	0.04610	0.02294	16	1.02	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.5340	0.01000	1.4648	0.04610	0.02294	16	1.50	2%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.3080	0.03400			0.03400	1			
121.02	Arginine, Post-col OPA Der (%)	2023	1.0500	0.02000			0.01085	2	-0.71	9%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.5152	0.00170			0.01085	2	0.71	9%	0
121.05	Arginine, Pre-col AQC Der (%)	0008	1.4055	0.00700	1.5127	0.16693	0.05875	4	-0.75	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.4275	0.00500	1.5127	0.16693	0.05875	4	-0.59	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.4925	0.21300	1.5127	0.16693	0.05875	4	-0.11	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.7050	0.01000	1.5127	0.16693	0.05875	4	1.44	7%	0
121.99	Arginine, Miscellaneous (%)	0904	1.7000	0.20000			0.20000	1			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.2750	0.01000	1.3867	0.03216	0.02166	16	-3.47	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.2800	0.02000	1.3867	0.03216	0.02166	16	-3.32	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.3250	0.01000	1.3867	0.03216	0.02166	16	-1.92	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.3450	0.01000	1.3867	0.03216	0.02166	16	-1.30	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.3750	0.05000	1.3867	0.03216	0.02166	16	-0.36	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.3750	0.03000	1.3867	0.03216	0.02166	16	-0.36	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.3840	0.00800	1.3867	0.03216	0.02166	16	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.3900	0.00000	1.3867	0.03216	0.02166	16	0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.3920	0.01200	1.3867	0.03216	0.02166	16	0.16	0%	0

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.3935	0.04100	1.3867	0.03216	0.02166	16	0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.4000	0.02000	1.3867	0.03216	0.02166	16	0.41	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.4026	0.00040	1.3867	0.03216	0.02166	16	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.4142	0.01120	1.3867	0.03216	0.02166	16	0.85	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.4155	0.01700	1.3867	0.03216	0.02166	16	0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.4215	0.06100	1.3867	0.03216	0.02166	16	1.08	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	1.4587	0.04600	1.3867	0.03216	0.02166	16	2.24	3%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.2545	0.01700			0.01700	1			
122.02	Aspartic, Post-col OPA Der (%)	2023	0.95500	0.03000			0.04040	2	-0.71	10%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.4116	0.05080			0.04040	2	0.71	10%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.1690	0.09600	1.2721	0.08284	0.04175	4	-1.24	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.2520	0.00400	1.2721	0.08284	0.04175	4	-0.24	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0008	1.3025	0.03700	1.2721	0.08284	0.04175	4	0.37	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.3650	0.03000	1.2721	0.08284	0.04175	4	1.12	4%	0
122.99	Aspartic, Miscellaneous (%)	0904	0.73000	0.12000			0.12000	1			
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.19955	0.00430	0.25548	0.01837	0.00559	15	-3.04	11%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.23800	0.01000	0.25548	0.01837	0.00559	15	-0.95	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.24000	0.00000	0.25548	0.01837	0.00559	15	-0.84	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.24000	0.00000	0.25548	0.01837	0.00559	15	-0.84	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.24700	0.00200	0.25548	0.01837	0.00559	15	-0.46	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.25000	0.00000	0.25548	0.01837	0.00559	15	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.25150	0.00100	0.25548	0.01837	0.00559	15	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.25225	0.00150	0.25548	0.01837	0.00559	15	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.25500	0.00200	0.25548	0.01837	0.00559	15	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.25500	0.01000	0.25548	0.01837	0.00559	15	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.27000	0.00000	0.25548	0.01837	0.00559	15	0.79	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.27150	0.00500	0.25548	0.01837	0.00559	15	0.87	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.27500	0.03000	0.25548	0.01837	0.00559	15	1.06	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.28100	0.00800	0.25548	0.01837	0.00559	15	1.39	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.29500	0.01000	0.25548	0.01837	0.00559	15	2.15	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	2,577.0	100.00	0.25548	0.01837	0.00559	15	140233.12	504299%	2
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.19900	0.01400			0.01400	1			
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.26785	0.00250			0.00125	2	-0.71	4%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.31000	0.00000			0.00125	2	0.71	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.28500	0.01000			0.03100	2	-0.71	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.32200	0.05200			0.03100	2	0.71	3%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0008	0.22100	0.03400			0.03700	2	-0.71	13%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.38000	0.04000			0.03700	2	0.71	13%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.7300	0.04000	2.8447	0.06028	0.03935	15	-1.90	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.7550	0.01000	2.8447	0.06028	0.03935	15	-1.49	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.7700	0.06000	2.8447	0.06028	0.03935	15	-1.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.8100	0.00000	2.8447	0.06028	0.03935	15	-0.58	1%	0

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125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.8150	0.03000	2.8447	0.06028	0.03935	15	-0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.8270	0.00200	2.8447	0.06028	0.03935	15	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.8275	0.02300	2.8447	0.06028	0.03935	15	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.8455	0.00700	2.8447	0.06028	0.03935	15	0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.8600	0.12000	2.8447	0.06028	0.03935	15	0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.8745	0.06700	2.8447	0.06028	0.03935	15	0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.8768	0.00510	2.8447	0.06028	0.03935	15	0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.8814	0.08320	2.8447	0.06028	0.03935	15	0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.9100	0.02000	2.8447	0.06028	0.03935	15	1.08	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.9150	0.01000	2.8447	0.06028	0.03935	15	1.17	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.1595	0.11300	2.8447	0.06028	0.03935	15	5.22	6%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	3.0967	0.20330	2.8447	0.06028	0.03935	15	4.18	4%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	2.7680	0.00400			0.00400	1			
125.02	Glutamic, Post-col OPA Der (%)	2023	1.8600	0.06000			0.07670	2	-0.71	11%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.9208	0.09340			0.07670	2	0.71	11%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.4245	0.09100	2.6065	0.14894	0.06100	4	-1.22	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.5520	0.06400	2.6065	0.14894	0.06100	4	-0.37	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0008	2.6895	0.04900	2.6065	0.14894	0.06100	4	0.56	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	2.7600	0.04000	2.6065	0.14894	0.06100	4	1.03	3%	0
125.99	Glutamic, Miscellaneous (%)	0904	2.2600	0.26000			0.26000	1			
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.66500	0.01000	0.70535	0.01883	0.01381	16	-2.14	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.67500	0.01000	0.70535	0.01883	0.01381	16	-1.61	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.68000	0.02000	0.70535	0.01883	0.01381	16	-1.35	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.68100	0.00200	0.70535	0.01883	0.01381	16	-1.29	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.68500	0.03000	0.70535	0.01883	0.01381	16	-1.08	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.68835	0.01750	0.70535	0.01883	0.01381	16	-0.90	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.70600	0.01000	0.70535	0.01883	0.01381	16	0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.71100	0.01000	0.70535	0.01883	0.01381	16	0.30	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.71110	0.02000	0.70535	0.01883	0.01381	16	0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.71500	0.03000	0.70535	0.01883	0.01381	16	0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.71500	0.01800	0.70535	0.01883	0.01381	16	0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.71560	0.00540	0.70535	0.01883	0.01381	16	0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.71700	0.00200	0.70535	0.01883	0.01381	16	0.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.72000	0.02000	0.70535	0.01883	0.01381	16	0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.72500	0.01000	0.70535	0.01883	0.01381	16	1.04	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.74600	0.00600	0.70535	0.01883	0.01381	16	2.16	3%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.56250	0.00500			0.00500	1			
126.02	Glycine, Post-col OPA Der (%)	2023	0.47000	0.02000			0.02585	2	-0.71	11%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.73625	0.03170			0.02585	2	0.71	11%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.63150	0.05100	0.69563	0.05585	0.04825	4	-1.15	5%	0
126.05	Glycine, Pre-col AQC Der (%)	0008	0.67850	0.01900	0.69563	0.05585	0.04825	4	-0.31	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.70750	0.11300	0.69563	0.05585	0.04825	4	0.21	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.05	Glycine, Pre-col AQC Der (%)	0939	0.76500	0.01000	0.69563	0.05585	0.04825	4	1.24	5%	0
126.99	Glycine, Miscellaneous (%)	0904	0.81500	0.09000			0.09000	1			
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.39000	0.00000	0.43394	0.02281	0.00452	14	-1.93	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.40500	0.01000	0.43394	0.02281	0.00452	14	-1.27	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.40850	0.00100	0.43394	0.02281	0.00452	14	-1.12	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.41500	0.01000	0.43394	0.02281	0.00452	14	-0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.42000	0.00000	0.43394	0.02281	0.00452	14	-0.61	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.43150	0.00900	0.43394	0.02281	0.00452	14	-0.11	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.43600	0.00000	0.43394	0.02281	0.00452	14	0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.44000	0.00000	0.43394	0.02281	0.00452	14	0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.44500	0.01000	0.43394	0.02281	0.00452	14	0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.44500	0.01000	0.43394	0.02281	0.00452	14	0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.45000	0.00000	0.43394	0.02281	0.00452	14	0.70	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.45165	0.00610	0.43394	0.02281	0.00452	14	0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.45370	0.00020	0.43394	0.02281	0.00452	14	0.87	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.49150	0.00700	0.43394	0.02281	0.00452	14	2.52	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.45370	0.02640	0.43394	0.02281	0.00452	14	0.87	2%	1
127.01	Histidine, Pre-col OPA Der (%)	0297	0.58100	0.01200			0.01200	1			
127.02	Histidine, Post-col OPA Der (%)	2023	0.30000	0.02000			0.02460	2	-0.71	10%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.45660	0.02920			0.02460	2	0.71	10%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.36000	0.01600	0.40900	0.06295	0.01825	4	-1.07	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0008	0.38700	0.00000	0.40900	0.06295	0.01825	4	-0.59	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.45350	0.05700	0.40900	0.06295	0.01825	4	0.60	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.48000	0.00000	0.40900	0.06295	0.01825	4	1.07	7%	0
127.99	Histidine, Miscellaneous (%)	0904	0.43500	0.07000			0.07000	1			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.46500	0.01000	0.52372	0.01725	0.01351	16	-3.40	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.47500	0.01000	0.52372	0.01725	0.01351	16	-2.82	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.50500	0.00600	0.52372	0.01725	0.01351	16	-1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.51000	0.02000	0.52372	0.01725	0.01351	16	-0.80	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.51500	0.01600	0.52372	0.01725	0.01351	16	-0.51	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.51500	0.01000	0.52372	0.01725	0.01351	16	-0.51	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.52445	0.03970	0.52372	0.01725	0.01351	16	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.52500	0.01000	0.52372	0.01725	0.01351	16	0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.52500	0.01000	0.52372	0.01725	0.01351	16	0.07	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.52700	0.00600	0.52372	0.01725	0.01351	16	0.19	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.52800	0.00400	0.52372	0.01725	0.01351	16	0.25	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.53450	0.01300	0.52372	0.01725	0.01351	16	0.62	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.53740	0.00820	0.52372	0.01725	0.01351	16	0.79	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.53950	0.01100	0.52372	0.01725	0.01351	16	0.91	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.54395	0.01230	0.52372	0.01725	0.01351	16	1.17	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.60500	0.03000	0.52372	0.01725	0.01351	16	4.71	8%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.35700	0.01200			0.01200	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.32500	0.01000			0.02185	2	-0.71	13%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.55955	0.03370			0.02185	2	0.71	13%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0008	0.38900	0.00800	0.47183	0.09799	0.01975	4	-1.15	10%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.44650	0.00300	0.47183	0.09799	0.01975	4	-0.50	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.54800	0.06800	0.47183	0.09799	0.01975	4	0.64	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.58000	0.00000	0.47183	0.09799	0.01975	4	1.01	9%	0
128.99	Isoleucine, Miscellaneous (%)	0904	0.50500	0.03000			0.03000	1			
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	0.95955	0.03290	1.0378	0.03396	0.01676	16	-2.31	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.96500	0.01000	1.0378	0.03396	0.01676	16	-2.14	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	0.97850	0.03500	1.0378	0.03396	0.01676	16	-1.75	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	0.98500	0.01000	1.0378	0.03396	0.01676	16	-1.56	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.0150	0.01000	1.0378	0.03396	0.01676	16	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.0155	0.00900	1.0378	0.03396	0.01676	16	-0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.0400	0.02000	1.0378	0.03396	0.01676	16	0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.0450	0.01000	1.0378	0.03396	0.01676	16	0.21	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.0514	0.01170	1.0378	0.03396	0.01676	16	0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.0523	0.02250	1.0378	0.03396	0.01676	16	0.42	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.0530	0.01200	1.0378	0.03396	0.01676	16	0.45	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.0550	0.01000	1.0378	0.03396	0.01676	16	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.0630	0.01800	1.0378	0.03396	0.01676	16	0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.0700	0.00000	1.0378	0.03396	0.01676	16	0.95	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.0720	0.03600	1.0378	0.03396	0.01676	16	1.01	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.0835	0.02100	1.0378	0.03396	0.01676	16	1.35	2%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	0.93450	0.00500			0.00500	1			
129.02	Leucine, Post-col OPA Der (%)	2023	0.69000	0.04000			0.04860	2	-0.71	11%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.0867	0.05720			0.04860	2	0.71	11%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.91400	0.01000	0.97883	0.10083	0.04125	4	-0.91	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0008	0.92750	0.01700	0.97883	0.10083	0.04125	4	-0.76	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.0410	0.12800	0.97883	0.10083	0.04125	4	0.53	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.0950	0.01000	0.97883	0.10083	0.04125	4	1.14	5%	0
129.99	Leucine, Miscellaneous (%)	0904	1.0850	0.11000			0.11000	1			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.66500	0.01000	0.70615	0.02557	0.01012	14	-1.61	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.67000	0.00000	0.70615	0.02557	0.01012	14	-1.41	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.67500	0.02600	0.70615	0.02557	0.01012	14	-1.22	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.69500	0.01000	0.70615	0.02557	0.01012	14	-0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.69805	0.00070	0.70615	0.02557	0.01012	14	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.70500	0.01000	0.70615	0.02557	0.01012	14	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.70500	0.01000	0.70615	0.02557	0.01012	14	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.70600	0.01000	0.70615	0.02557	0.01012	14	-0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.71500	0.01000	0.70615	0.02557	0.01012	14	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.71500	0.00400	0.70615	0.02557	0.01012	14	0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.72575	0.00490	0.70615	0.02557	0.01012	14	0.77	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.72950	0.01500	0.70615	0.02557	0.01012	14	0.91	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.73450	0.01900	0.70615	0.02557	0.01012	14	1.11	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	0.75755	0.01210	0.70615	0.02557	0.01012	14	2.01	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.74000	0.06000	0.70615	0.02557	0.01012	14	1.32	2%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.66350	0.01300			0.01300	1			
130.02	L-Lysine, Post-col OPA Der (%)	2023	0.64000	0.02000			0.04395	2	-0.71	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.75715	0.06790			0.04395	2	0.71	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0008	0.64150	0.00700	0.70913	0.05570	0.02440	5	-1.14	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.66650	0.09500	0.70913	0.05570	0.02440	5	-0.66	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.69600	0.01000	0.70913	0.05570	0.02440	5	-0.09	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.72400	0.00000	0.70913	0.05570	0.02440	5	0.45	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.77500	0.01000	0.70913	0.05570	0.02440	5	1.43	5%	0
130.99	L-Lysine, Miscellaneous (%)	0904	0.60000	0.08000			0.08000	1			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.22000	0.00000	0.24273	0.01779	0.00519	15	-1.28	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.22500	0.01000	0.24273	0.01779	0.00519	15	-1.00	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.22500	0.01000	0.24273	0.01779	0.00519	15	-1.00	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.22750	0.00500	0.24273	0.01779	0.00519	15	-0.86	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.22890	0.00640	0.24273	0.01779	0.00519	15	-0.78	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.23400	0.00200	0.24273	0.01779	0.00519	15	-0.49	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.24050	0.00500	0.24273	0.01779	0.00519	15	-0.13	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.24250	0.00300	0.24273	0.01779	0.00519	15	-0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.24700	0.00200	0.24273	0.01779	0.00519	15	0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.25000	0.00000	0.24273	0.01779	0.00519	15	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.25000	0.00000	0.24273	0.01779	0.00519	15	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.25700	0.00200	0.24273	0.01779	0.00519	15	0.80	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.26000	0.02000	0.24273	0.01779	0.00519	15	0.97	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.26415	0.00250	0.24273	0.01779	0.00519	15	1.20	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.27500	0.01000	0.24273	0.01779	0.00519	15	1.81	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.25280	0.04100	0.24273	0.01779	0.00519	15	0.57	2%	1
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.21600	0.00600			0.00600	1			
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.16500	0.01000			0.00610	2	-0.71	10%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.24370	0.00220			0.00610	2	0.71	10%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.21300	0.00600	0.24717	0.03614	0.01367	3	-0.95	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.24350	0.02500	0.24717	0.03614	0.01367	3	-0.10	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.28500	0.01000	0.24717	0.03614	0.01367	3	1.05	8%	0
131.99	Methionine, Miscellaneous (%)	0904	0.18500	0.03000			0.01950	2	-0.71	2%	0
131.99	Methionine, Miscellaneous (%)	0008	0.19950	0.00900			0.01950	2	0.71	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.70650	0.00700	0.76612	0.02459	0.01418	15	-2.42	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.71500	0.01000	0.76612	0.02459	0.01418	15	-2.08	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.72960	0.01840	0.76612	0.02459	0.01418	15	-1.49	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.74500	0.01000	0.76612	0.02459	0.01418	15	-0.86	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.75500	0.01000	0.76612	0.02459	0.01418	15	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.76000	0.02000	0.76612	0.02459	0.01418	15	-0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.76000	0.00000	0.76612	0.02459	0.01418	15	-0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.77000	0.01000	0.76612	0.02459	0.01418	15	0.16	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.77420	0.00000	0.76612	0.02459	0.01418	15	0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.77500	0.03000	0.76612	0.02459	0.01418	15	0.36	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.77950	0.01100	0.76612	0.02459	0.01418	15	0.54	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.78550	0.00700	0.76612	0.02459	0.01418	15	0.79	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.78700	0.02400	0.76612	0.02459	0.01418	15	0.85	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.79100	0.02200	0.76612	0.02459	0.01418	15	1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	0.92925	0.03330	0.76612	0.02459	0.01418	15	6.63	11%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.68500	0.11000	0.76612	0.02459	0.01418	15	-3.30	5%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.84000	0.02000			0.02000	1			
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.50000	0.04000			0.03990	2	-0.71	12%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.81630	0.03980			0.03990	2	0.71	12%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0008	0.68750	0.03900	0.75175	0.06899	0.04300	4	-0.93	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.71450	0.02700	0.75175	0.06899	0.04300	4	-0.54	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.76000	0.09600	0.75175	0.06899	0.04300	4	0.12	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.84500	0.01000	0.75175	0.06899	0.04300	4	1.35	6%	0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.77500	0.11000			0.11000	1			
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.68000	0.08000	0.74005	0.03585	0.01715	15	-1.68	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.69500	0.01000	0.74005	0.03585	0.01715	15	-1.26	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.71000	0.00000	0.74005	0.03585	0.01715	15	-0.84	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.71950	0.01500	0.74005	0.03585	0.01715	15	-0.57	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.72500	0.05000	0.74005	0.03585	0.01715	15	-0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.72500	0.01000	0.74005	0.03585	0.01715	15	-0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.72500	0.01000	0.74005	0.03585	0.01715	15	-0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.73500	0.01000	0.74005	0.03585	0.01715	15	-0.14	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.75100	0.02000	0.74005	0.03585	0.01715	15	0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.75300	0.02600	0.74005	0.03585	0.01715	15	0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.75850	0.00500	0.74005	0.03585	0.01715	15	0.51	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	0.76770	0.00320	0.74005	0.03585	0.01715	15	0.77	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.77800	0.00200	0.74005	0.03585	0.01715	15	1.06	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.78450	0.00500	0.74005	0.03585	0.01715	15	1.24	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.78955	0.01110	0.74005	0.03585	0.01715	15	1.38	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.74000	0.10000	0.74005	0.03585	0.01715	15	0.00	0%	1
133.05	Proline, Pre-col AQC Der (%)	0626	0.66350	0.01300	0.76288	0.07540	0.03125	4	-1.32	7%	0
133.05	Proline, Pre-col AQC Der (%)	0008	0.75950	0.03500	0.76288	0.07540	0.03125	4	-0.04	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.78350	0.06700	0.76288	0.07540	0.03125	4	0.27	1%	0
133.05	Proline, Pre-col AQC Der (%)	0939	0.84500	0.01000	0.76288	0.07540	0.03125	4	1.09	5%	0
133.99	Proline, Miscellaneous (%)	2023	0.70000	0.02000			0.07000	2	-0.71	4%	0
133.99	Proline, Miscellaneous (%)	0904	0.83000	0.12000			0.07000	2	0.71	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.66750	0.00700	0.70730	0.02421	0.01959	16	-1.64	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.67500	0.01000	0.70730	0.02421	0.01959	16	-1.33	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.68755	0.00730	0.70730	0.02421	0.01959	16	-0.82	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.69000	0.02000	0.70730	0.02421	0.01959	16	-0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.69000	0.02000	0.70730	0.02421	0.01959	16	-0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.69750	0.02100	0.70730	0.02421	0.01959	16	-0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.70250	0.00100	0.70730	0.02421	0.01959	16	-0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.70500	0.01000	0.70730	0.02421	0.01959	16	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.70900	0.00400	0.70730	0.02421	0.01959	16	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.71500	0.03000	0.70730	0.02421	0.01959	16	0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.71750	0.00500	0.70730	0.02421	0.01959	16	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.72215	0.06690	0.70730	0.02421	0.01959	16	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.72500	0.05000	0.70730	0.02421	0.01959	16	0.73	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.73000	0.02000	0.70730	0.02421	0.01959	16	0.94	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.73600	0.00520	0.70730	0.02421	0.01959	16	1.19	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.77000	0.03600	0.70730	0.02421	0.01959	16	2.59	4%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.66150	0.00100			0.00100	1			
134.02	Serine, Post-col OPA Der (%)	2023	0.47500	0.03000			0.02255	2	-0.71	10%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.70905	0.01510			0.02255	2	0.71	10%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.64650	0.01500	0.70333	0.05097	0.03625	4	-1.45	4%	0
134.05	Serine, Pre-col AQC Der (%)	0008	0.71850	0.00300	0.70333	0.05097	0.03625	4	0.21	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.72750	0.11700	0.70333	0.05097	0.03625	4	0.42	1%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.74500	0.01000	0.70333	0.05097	0.03625	4	0.82	3%	0
134.99	Serine, Miscellaneous (%)	0904	0.76500	0.13000			0.13000	1			
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.53350	0.01300	0.57112	0.02545	0.01342	15	-1.48	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.53500	0.01000	0.57112	0.02545	0.01342	15	-1.42	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.55000	0.02000	0.57112	0.02545	0.01342	15	-0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.55500	0.01000	0.57112	0.02545	0.01342	15	-0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.55580	0.00020	0.57112	0.02545	0.01342	15	-0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.56000	0.00000	0.57112	0.02545	0.01342	15	-0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.57000	0.00000	0.57112	0.02545	0.01342	15	-0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.57050	0.00500	0.57112	0.02545	0.01342	15	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.57605	0.01110	0.57112	0.02545	0.01342	15	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.57750	0.01300	0.57112	0.02545	0.01342	15	0.25	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.58500	0.01000	0.57112	0.02545	0.01342	15	0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.58650	0.01500	0.57112	0.02545	0.01342	15	0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.60000	0.08000	0.57112	0.02545	0.01342	15	1.13	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.60350	0.01300	0.57112	0.02545	0.01342	15	1.27	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.60750	0.00100	0.57112	0.02545	0.01342	15	1.43	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.55600	0.08920	0.57112	0.02545	0.01342	15	-0.59	1%	1
135.01	Threonine, Pre-col OPA Der (%)	0297	0.51600	0.00400			0.00400	1			
135.02	Threonine, Post-col OPA Der (%)	2023	0.39000	0.04000			0.02725	2	-0.71	10%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.59395	0.01450			0.02725	2	0.71	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
135.05	Threonine, Pre-col AQC Der (%)	0626	0.48950	0.00500	0.54625	0.06253	0.00600	4	-0.91	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0008	0.52250	0.00500	0.54625	0.06253	0.00600	4	-0.38	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.53800	0.00400	0.54625	0.06253	0.00600	4	-0.13	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.63500	0.01000	0.54625	0.06253	0.00600	4	1.42	8%	0
135.99	Threonine, Miscellaneous (%)	0904	0.56500	0.07000			0.07000	1			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0941	0.16000	0.00000	0.19903	0.00485	0.00760	5	-1.74	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.19500	0.01000	0.19903	0.00485	0.00760	5	0.21	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0684	0.19550	0.00700	0.19903	0.00485	0.00760	5	0.24	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0918	0.20020	0.00920	0.19903	0.00485	0.00760	5	0.50	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0662	0.20540	0.01180	0.19903	0.00485	0.00760	5	0.79	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0008	0.17100	0.00600	0.18450	0.01140	0.00420	5	-1.18	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.18100	0.00600	0.18450	0.01140	0.00420	5	-0.31	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.18350	0.00100	0.18450	0.01140	0.00420	5	-0.09	0%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.18450	0.00300	0.18450	0.01140	0.00420	5	0.00	0%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.20250	0.00500	0.18450	0.01140	0.00420	5	1.58	5%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.17000	0.00000			0.00200	2	-0.71	3%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	0098	0.18900	0.00400			0.00200	2	0.71	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.17500	0.01800	0.18050	0.00354	0.00667	3	-0.91	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.17800	0.00200	0.18050	0.00354	0.00667	3	-0.16	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.18300	0.00000	0.18050	0.00354	0.00667	3	1.07	1%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.15500	0.03000			0.03000	1			
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.39000	0.00000	0.47825	0.02810	0.01398	11	-3.14	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.42500	0.01000	0.47825	0.02810	0.01398	11	-1.90	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.43000	0.04000	0.47825	0.02810	0.01398	11	-1.72	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.45650	0.00500	0.47825	0.02810	0.01398	11	-0.77	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.48000	0.04000	0.47825	0.02810	0.01398	11	0.06	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.48450	0.01100	0.47825	0.02810	0.01398	11	0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.48950	0.00320	0.47825	0.02810	0.01398	11	0.40	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.49250	0.00500	0.47825	0.02810	0.01398	11	0.51	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.49300	0.01600	0.47825	0.02810	0.01398	11	0.52	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.50100	0.00600	0.47825	0.02810	0.01398	11	0.81	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	0.53070	0.01760	0.47825	0.02810	0.01398	11	1.87	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.45000	0.08000	0.47825	0.02810	0.01398	11	-1.01	3%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.24900	0.00400			0.00400	1			
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.31500	0.01000			0.01180	2	-0.71	9%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.44750	0.01360			0.01180	2	0.71	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.34050	0.06100	0.42188	0.09141	0.03225	4	-0.89	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0008	0.34550	0.00700	0.42188	0.09141	0.03225	4	-0.84	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.49150	0.06100	0.42188	0.09141	0.03225	4	0.76	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.51000	0.00000	0.42188	0.09141	0.03225	4	0.96	10%	0
137.99	Tyrosine, Miscellaneous (%)	0904	0.48500	0.07000			0.07000	1			
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.63500	0.01000	0.71430	0.03494	0.01489	15	-2.27	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.64500	0.01000	0.71430	0.03494	0.01489	15	-1.98	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.68150	0.01700	0.71430	0.03494	0.01489	15	-0.94	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.69500	0.01000	0.71430	0.03494	0.01489	15	-0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.69500	0.01000	0.71430	0.03494	0.01489	15	-0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.70400	0.02000	0.71430	0.03494	0.01489	15	-0.29	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.70500	0.01000	0.71430	0.03494	0.01489	15	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.72050	0.00900	0.71430	0.03494	0.01489	15	0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.72500	0.05000	0.71430	0.03494	0.01489	15	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.72600	0.00200	0.71430	0.03494	0.01489	15	0.33	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.73255	0.00950	0.71430	0.03494	0.01489	15	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.73880	0.00940	0.71430	0.03494	0.01489	15	0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.75000	0.02000	0.71430	0.03494	0.01489	15	1.02	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.75100	0.00400	0.71430	0.03494	0.01489	15	1.05	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	0.76255	0.03250	0.71430	0.03494	0.01489	15	1.38	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.75500	0.07000	0.71430	0.03494	0.01489	15	1.16	3%	1
138.01	Valine, Pre-col OPA Der (%)	0297	2.0470	0.02200			0.02200	1			
138.02	Valine, Post-col OPA Der (%)	2023	0.39000	0.02000			0.03050	2	-0.71	17%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.77780	0.04100			0.03050	2	0.71	17%	0
138.05	Valine, Pre-col AQC Der (%)	0008	0.55100	0.00600	0.68017	0.12476	0.02550	4	-1.35	11%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.68950	0.00100	0.68017	0.12476	0.02550	4	-0.17	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.79850	0.09500	0.68017	0.12476	0.02550	4	0.75	6%	0
138.05	Valine, Pre-col AQC Der (%)	0939	0.80000	0.00000	0.68017	0.12476	0.02550	4	0.77	6%	0
138.99	Valine, Miscellaneous (%)	0904	0.77000	0.10000			0.10000	1			
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.75500	0.21000			0.14970	2	-0.71	41%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0662	7.3165	0.08940			0.14970	2	0.71	41%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	2	0.00		0
139.02	Taurine, Post-col OPA Der (%)	2023	0.00000	0.00000			0.00000	2	0.00		0
139.05	Taurine, Pre-col AQC Der (%)	0008	0.00000	0.00000			0.00000	1			
160.99	Fructose, Miscellaneous (%)	0148	0.00000	0.00000	0.02545	0.02555	0.00378	5	-1.00	50%	0
160.99	Fructose, Miscellaneous (%)	0199	0.00000	0.00000	0.02545	0.02555	0.00378	5	-1.00	50%	0
160.99	Fructose, Miscellaneous (%)	2004	0.02575	0.00590	0.02545	0.02555	0.00378	5	0.01	1%	0
160.99	Fructose, Miscellaneous (%)	0297	0.04650	0.00300	0.02545	0.02555	0.00378	5	0.82	41%	0
160.99	Fructose, Miscellaneous (%)	0674	0.05500	0.01000	0.02545	0.02555	0.00378	5	1.16	58%	0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	2	0.00		0
161.99	Galactose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	2	0.00		0
162.99	Glucose, Miscellaneous (%)	0148	0.00000	0.00000	0.02149	0.02584	0.00410	5	-0.83	50%	0
162.99	Glucose, Miscellaneous (%)	0199	0.00000	0.00000	0.02149	0.02584	0.00410	5	-0.83	50%	0
162.99	Glucose, Miscellaneous (%)	2004	0.01245	0.00050	0.02149	0.02584	0.00410	5	-0.35	21%	0
162.99	Glucose, Miscellaneous (%)	0674	0.03500	0.01000	0.02149	0.02584	0.00410	5	0.52	31%	0
162.99	Glucose, Miscellaneous (%)	0297	0.06000	0.01000	0.02149	0.02584	0.00410	5	1.49	90%	0
162.99	Glucose, Miscellaneous (%)	0904	8.6100	0.54000	0.02149	0.02584	0.00410	5	332.37	19983%	1
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000			0.00000	5	-0.45	50%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
163.99	Lactose, Miscellaneous (%)	0199	0.00000	0.00000			0.00000	5	-0.45	50%	0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	5	-0.45	50%	0
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	5	-0.45	50%	0
163.99	Lactose, Miscellaneous (%)	0674	0.02000	0.00000			0.00000	5	1.79	200%	0
164.99	Maltose, Miscellaneous (%)	0148	0.00000	0.00000			0.00000	4	0.00		0
164.99	Maltose, Miscellaneous (%)	0199	0.00000	0.00000			0.00000	4	0.00		0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	4	0.00		0
164.99	Maltose, Miscellaneous (%)	2004	0.00000	0.00000			0.00000	4	0.00		0
165.99	Sucrose, Miscellaneous (%)	0674	0.33000	0.04000	0.42516	0.08099	0.01586	7	-1.18	11%	0
165.99	Sucrose, Miscellaneous (%)	0297	0.36800	0.00800	0.42516	0.08099	0.01586	7	-0.71	7%	0
165.99	Sucrose, Miscellaneous (%)	2004	0.38650	0.01300	0.42516	0.08099	0.01586	7	-0.48	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	0.44000	0.02000	0.42516	0.08099	0.01586	7	0.18	2%	0
165.99	Sucrose, Miscellaneous (%)	2058	0.44000	0.00000	0.42516	0.08099	0.01586	7	0.18	2%	0
165.99	Sucrose, Miscellaneous (%)	0148	0.46500	0.01000	0.42516	0.08099	0.01586	7	0.49	5%	0
165.99	Sucrose, Miscellaneous (%)	0199	0.64000	0.02000	0.42516	0.08099	0.01586	7	2.65	25%	0
165.99	Sucrose, Miscellaneous (%)	2089	2.1600	0.42000	0.42516	0.08099	0.01586	7	21.42	204%	1
166.99	Raffinose, Miscellaneous (%)	0297	1.4320	0.01600			0.01600	1			
167.99	Stachyose, Miscellaneous (%)	0297	0.26100	0.00800			0.00800	1			
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0555	2,625.0	150.00			150.00	1			
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0555	8,385.0	1,170.0			1,170.0	1			
400.01	Water activity, Aqualab chilled mirror (Units)	0008	0.49900	0.00400	0.50541	0.00936	0.00203	4	-0.69	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.50000	0.00000	0.50541	0.00936	0.00203	4	-0.58	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.50350	0.00300	0.50541	0.00936	0.00203	4	-0.20	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.51915	0.00110	0.50541	0.00936	0.00203	4	1.47	1%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0946	0.14000	0.00000	0.30963	0.23989	0.02357	3	-1.14	32%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0563	0.47925	0.00070	0.30963	0.23989	0.02357	3	0.44	12%	0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0939	0.53500	0.07000	0.30963	0.23989	0.02357	3	0.70	20%	0
516.42	Arsenic, total, ICP, Open vessel (mg / kg (ppm))	0619	0.00750	0.00300			0.00300	1			
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.49685	0.47546	0.08897	3	-1.04	50%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0508	0.54300	0.03440	0.49685	0.47546	0.08897	3	0.10	5%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.94755	0.23250	0.49685	0.47546	0.08897	3	0.95	45%	0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0555	0.69000	0.02000			0.02000	1			
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.21500	0.01000	0.57776	0.18991	0.04675	8	-1.91	31%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.38410	0.00000	0.57776	0.18991	0.04675	8	-1.02	17%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	2058	0.46500	0.03000	0.57776	0.18991	0.04675	8	-0.59	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.58100	0.11000	0.57776	0.18991	0.04675	8	0.02	0%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.63400	0.06000	0.57776	0.18991	0.04675	8	0.30	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0910	0.65500	0.07000	0.57776	0.18991	0.04675	8	0.41	7%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.68800	0.07000	0.57776	0.18991	0.04675	8	0.58	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.95600	0.02400	0.57776	0.18991	0.04675	8	1.99	33%	0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0905	0.25000	0.00000			0.00000	1			
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0946	0.03650	0.00500	0.32217	0.33107	0.02833	3	-0.86	44%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0563	0.24500	0.05000	0.32217	0.33107	0.02833	3	-0.23	12%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0904	0.68500	0.03000	0.32217	0.33107	0.02833	3	1.10	56%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.11000	0.02000	0.15719	0.05114	0.01738	4	-0.92	15%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.11750	0.03300	0.15719	0.05114	0.01738	4	-0.78	13%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.18900	0.01600	0.15719	0.05114	0.01738	4	0.62	10%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.21225	0.00050	0.15719	0.05114	0.01738	4	1.08	18%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.10000	0.14142	0.00030	3	-1.15	50%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0038	0.20000	0.00000	0.10000	0.14142	0.00030	3	0.46	20%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.22745	0.00090	0.10000	0.14142	0.00030	3	0.68	30%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.21000	0.02000			0.02000	1			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.07000	0.00000	0.21727	0.01883	0.00457	7	-7.82	34%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.19990	0.00000	0.21727	0.01883	0.00457	7	-0.92	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2058	0.21000	0.02000	0.21727	0.01883	0.00457	7	-0.39	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0910	0.22000	0.00000	0.21727	0.01883	0.00457	7	0.14	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.22050	0.00300	0.21727	0.01883	0.00457	7	0.17	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.23050	0.00500	0.21727	0.01883	0.00457	7	0.70	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.24800	0.00400	0.21727	0.01883	0.00457	7	1.63	7%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.21700	0.05800	0.21727	0.01883	0.00457	7	-0.01	0%	1
520.34	Chromium, AAS, Graphite furnace (mg / kg (ppm))	0904	5.0750	1.0300			1.0300	1			
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	5.3800	0.42000	6.6698	1.3671	2.0117	3	-0.94	10%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	6.5265	3.3070	6.6698	1.3671	2.0117	3	-0.10	1%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	8.1030	2.3080	6.6698	1.3671	2.0117	3	1.05	11%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	8.7203	0.87721	0.51058	5	-1.76	50%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0038	7.7100	0.80000	8.7203	0.87721	0.51058	5	0.18	5%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0027	8.6545	0.19900	8.7203	0.87721	0.51058	5	0.42	12%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	8.6650	0.03000	8.7203	0.87721	0.51058	5	0.43	12%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	9.8519	1.5239	8.7203	0.87721	0.51058	5	0.72	21%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	4.9500	0.30000			0.30000	1			
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.1041	0.00000	8.3247	2.0044	1.3400	3	-1.11	13%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	8.8700	2.2200	8.3247	2.0044	1.3400	3	0.27	3%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	10.000	1.8000	8.3247	2.0044	1.3400	3	0.84	10%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	9.2540	0.61200			0.61200	1			
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.35400	0.00000			0.00000	2	-0.71	28%	0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0905	1.2500	0.00000			0.00000	2	0.71	28%	0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0946	0.00400	0.00000			0.00500	2	-0.71	49%	0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0563	0.32500	0.01000			0.00500	2	0.71	49%	0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.17500	0.19000			0.19000	1			
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	0.30000	0.42426	0.09813	3	-0.64	50%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0038	0.60000	0.00000	0.30000	0.42426	0.09813	3	-0.51	40%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	8.1265	0.29440	0.30000	0.42426	0.09813	3	1.15	90%	0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.67500	0.01000			0.01000	1			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2058	0.48500	0.03000	0.66173	0.10181	0.06000	8	-1.74	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.58500	0.05000	0.66173	0.10181	0.06000	8	-0.75	6%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.61830	0.00000	0.66173	0.10181	0.06000	8	-0.43	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.62500	0.07200	0.66173	0.10181	0.06000	8	-0.36	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.69700	0.17200	0.66173	0.10181	0.06000	8	0.35	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0910	0.71500	0.11000	0.66173	0.10181	0.06000	8	0.52	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.73150	0.04500	0.66173	0.10181	0.06000	8	0.69	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.87850	0.00100	0.66173	0.10181	0.06000	8	2.13	16%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0946	0.00000	0.00000			0.00000	2	-0.71	50%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0939	10.000	0.00000			0.00000	2	0.71	50%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000	15.204	17.563	1.0733	6	-0.87	50%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	0.28000	0.04000	15.204	17.563	1.0733	6	-0.85	49%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0904	10.085	5.9300	15.204	17.563	1.0733	6	-0.29	17%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0563	13.365	0.47000	15.204	17.563	1.0733	6	-0.10	6%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0673	30.000	0.00000	15.204	17.563	1.0733	6	0.84	49%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	79.000	0.00000	15.204	17.563	1.0733	6	3.63	210%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	40.000	28.000	15.204	17.563	1.0733	6	1.41	82%	1
539.31	Nickel, AAS, Dry ash (mg / kg (ppm))	0673	10.000	2.0000			2.0000	1			
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	7.0000	2.0000			1.1643	2	-0.71	0%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	7.0468	0.32850			1.1643	2	0.71	0%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	0.80580	0.08320	5.5998	4.3570	0.25807	3	-1.10	43%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0038	6.6750	0.61000	5.5998	4.3570	0.25807	3	0.25	10%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0027	9.3185	0.08100	5.5998	4.3570	0.25807	3	0.85	33%	0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	10.450	1.1000			1.1000	1			
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	6.8456	0.00000	7.6885	0.73553	0.43250	4	-1.48	6%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	7.9750	1.6900	7.6885	0.73553	0.43250	4	0.35	1%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	8.0200	0.00000	7.6885	0.73553	0.43250	4	0.42	2%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0941	8.2000	0.04000	7.6885	0.73553	0.43250	4	0.71	3%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0028	1.0000	1.6000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0723	2.2400	0.00000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	2006	4.4500	0.70000							
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0028	400.00	0.00000							
640.01	T-2, Neogen Veratox T-2 / HT-2 (µg / kg (ppb))	0227	93.000	4.8000							