

**AAFCO Check Sample Program**  
**All Labs and All Methods Report**  
**Sort by Method**  
**Proficiency For Individual Methods**  
**Sample # 201422**  
**Swine Grower, Medicated**



**AAFCO**  
**CHECK SAMPLE PROGRAM**

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

Issue Date : 03/31/2014

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
000.99	Urea, Miscellaneous (%)	0920	0.01300	0.00800			0.00800	1			
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	7.5200	0.02800	9.0633	1.3709	0.07600	3	-1.13	9%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0345	9.5300	0.14000	9.0633	1.3709	0.07600	3	0.34	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.140	0.06000	9.0633	1.3709	0.07600	3	0.79	6%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.1200	0.00000	9.7156	0.19794	0.02375	8	-3.01	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.5750	0.09000	9.7156	0.19794	0.02375	8	-0.71	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2063	9.6150	0.01000	9.7156	0.19794	0.02375	8	-0.51	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.6350	0.01000	9.7156	0.19794	0.02375	8	-0.41	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.8000	0.00000	9.7156	0.19794	0.02375	8	0.43	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	9.8250	0.01000	9.7156	0.19794	0.02375	8	0.55	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.9150	0.01000	9.7156	0.19794	0.02375	8	1.01	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.9200	0.06000	9.7156	0.19794	0.02375	8	1.03	1%	0
001.05	Loss on Drying, LECO (%)	0610	9.7000	0.16000			0.16000	1			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	5.2000	0.12000	9.6427	0.36410	0.08514	28	-12.20	23%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.5850	0.15000	9.6427	0.36410	0.08514	28	-5.65	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.8500	0.10000	9.6427	0.36410	0.08514	28	-2.18	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	9.2000	0.16000	9.6427	0.36410	0.08514	28	-1.22	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	9.2550	0.05000	9.6427	0.36410	0.08514	28	-1.06	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.3850	0.07000	9.6427	0.36410	0.08514	28	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.3900	0.00000	9.6427	0.36410	0.08514	28	-0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0913	9.4250	0.05000	9.6427	0.36410	0.08514	28	-0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.4450	0.03000	9.6427	0.36410	0.08514	28	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.4700	0.02000	9.6427	0.36410	0.08514	28	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.5500	0.00000	9.6427	0.36410	0.08514	28	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.6000	0.16000	9.6427	0.36410	0.08514	28	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.6100	0.10000	9.6427	0.36410	0.08514	28	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.6400	0.06000	9.6427	0.36410	0.08514	28	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.6500	0.10000	9.6427	0.36410	0.08514	28	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.7150	0.05000	9.6427	0.36410	0.08514	28	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.7200	0.08000	9.6427	0.36410	0.08514	28	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0065	9.7350	0.06000	9.6427	0.36410	0.08514	28	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.8350	0.15000	9.6427	0.36410	0.08514	28	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.8450	0.03000	9.6427	0.36410	0.08514	28	0.56	1%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.8500	0.10000	9.6427	0.36410	0.08514	28	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.8980	0.04400	9.6427	0.36410	0.08514	28	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.9500	0.02000	9.6427	0.36410	0.08514	28	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.9650	0.27000	9.6427	0.36410	0.08514	28	0.89	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.025	0.35000	9.6427	0.36410	0.08514	28	1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.140	0.02000	9.6427	0.36410	0.08514	28	1.37	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	10.190	0.04000	9.6427	0.36410	0.08514	28	1.50	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	10.200	0.00000	9.6427	0.36410	0.08514	28	1.53	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.5500	0.60000	9.6427	0.36410	0.08514	28	-0.25	0%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	90.160	0.10000	9.6427	0.36410	0.08514	28	221.14	418%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.8200	0.16000	9.8225	0.00354	0.26500	2	-0.71	0%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0337	9.8250	0.37000	9.8225	0.00354	0.26500	2	0.71	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.6500	0.04000	9.4016	0.58129	0.12778	9	-3.01	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.8450	0.23000	9.4016	0.58129	0.12778	9	-0.96	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.1700	0.26000	9.4016	0.58129	0.12778	9	-0.40	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2058	9.1700	0.06000	9.4016	0.58129	0.12778	9	-0.40	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	9.3750	0.21000	9.4016	0.58129	0.12778	9	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.8400	0.02000	9.4016	0.58129	0.12778	9	0.75	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.8650	0.11000	9.4016	0.58129	0.12778	9	0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.9000	0.20000	9.4016	0.58129	0.12778	9	0.86	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.9200	0.02000	9.4016	0.58129	0.12778	9	0.89	3%	0
002.00	Protein, Crude (%)	0940	17.020	0.00000	17.401	0.43594	0.29800	5	-0.87	1%	0
002.00	Protein, Crude (%)	0581	17.105	0.99000	17.401	0.43594	0.29800	5	-0.68	1%	0
002.00	Protein, Crude (%)	0028	17.345	0.09000	17.401	0.43594	0.29800	5	-0.13	0%	0
002.00	Protein, Crude (%)	0106	17.410	0.06000	17.401	0.43594	0.29800	5	0.02	0%	0
002.00	Protein, Crude (%)	0845	18.125	0.35000	17.401	0.43594	0.29800	5	1.66	2%	0
002.01	Protein, Auto Kjehl-Foss (%)	0848	16.847	0.06600	17.297	0.20823	0.02655	11	-2.16	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0199	17.005	0.03000	17.297	0.20823	0.02655	11	-1.40	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	2068	17.140	0.06000	17.297	0.20823	0.02655	11	-0.76	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	17.223	0.01600	17.297	0.20823	0.02655	11	-0.36	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	17.225	0.03000	17.297	0.20823	0.02655	11	-0.35	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0098	17.315	0.03000	17.297	0.20823	0.02655	11	0.09	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	17.340	0.00000	17.297	0.20823	0.02655	11	0.21	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0033	17.420	0.04000	17.297	0.20823	0.02655	11	0.59	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	2023	17.440	0.00000	17.297	0.20823	0.02655	11	0.69	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	17.500	0.00000	17.297	0.20823	0.02655	11	0.97	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	18.350	0.02000	17.297	0.20823	0.02655	11	5.06	3%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	16.915	0.15000	17.140	0.17480	0.07820	4	-1.29	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	17.095	0.07000	17.140	0.17480	0.07820	4	-0.26	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	17.241	0.07280	17.140	0.17480	0.07820	4	0.57	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	17.310	0.02000	17.140	0.17480	0.07820	4	0.97	0%	0
002.04	Protein, Copper Catalyst (%)	0187	16.295	0.05000	16.893	0.85294	0.20667	3	-0.70	2%	0

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002.04	Protein, Copper Catalyst (%)	0405	16.515	0.17000	16.893	0.85294	0.20667	3	-0.44	1%	0
002.04	Protein, Copper Catalyst (%)	2057	17.870	0.40000	16.893	0.85294	0.20667	3	1.15	3%	0
002.05	Protein, Copper, Boric Acid (%)	2063	16.490	0.02000	17.314	0.17927	0.04124	25	-4.60	2%	0
002.05	Protein, Copper, Boric Acid (%)	0921	16.870	0.00000	17.314	0.17927	0.04124	25	-2.48	1%	0
002.05	Protein, Copper, Boric Acid (%)	0194	16.990	0.02000	17.314	0.17927	0.04124	25	-1.81	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	17.050	0.10000	17.314	0.17927	0.04124	25	-1.47	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	17.129	0.05700	17.314	0.17927	0.04124	25	-1.03	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	17.230	0.00000	17.314	0.17927	0.04124	25	-0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	17.250	0.06000	17.314	0.17927	0.04124	25	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	17.265	0.01000	17.314	0.17927	0.04124	25	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	17.265	0.07000	17.314	0.17927	0.04124	25	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	17.275	0.13000	17.314	0.17927	0.04124	25	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	17.285	0.03000	17.314	0.17927	0.04124	25	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	17.290	0.10000	17.314	0.17927	0.04124	25	-0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	17.297	0.03300	17.314	0.17927	0.04124	25	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	2048	17.301	0.17100	17.314	0.17927	0.04124	25	-0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	17.341	0.02990	17.314	0.17927	0.04124	25	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	17.390	0.00000	17.314	0.17927	0.04124	25	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	17.400	0.00000	17.314	0.17927	0.04124	25	0.48	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	17.405	0.01000	17.314	0.17927	0.04124	25	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	17.440	0.02000	17.314	0.17927	0.04124	25	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	17.450	0.00000	17.314	0.17927	0.04124	25	0.76	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	17.500	0.00000	17.314	0.17927	0.04124	25	1.04	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	17.505	0.01000	17.314	0.17927	0.04124	25	1.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	17.555	0.09000	17.314	0.17927	0.04124	25	1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0895	17.640	0.02000	17.314	0.17927	0.04124	25	1.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	17.885	0.05000	17.314	0.17927	0.04124	25	3.18	2%	0
002.05	Protein, Copper, Boric Acid (%)	0689	17.350	0.30000	17.314	0.17927	0.04124	25	0.20	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	16.110	0.02000	17.512	0.20000	0.12036	95	-7.01	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	16.855	0.01000	17.512	0.20000	0.12036	95	-3.28	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	16.864	0.06800	17.512	0.20000	0.12036	95	-3.24	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	17.040	0.16000	17.512	0.20000	0.12036	95	-2.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	17.085	0.01000	17.512	0.20000	0.12036	95	-2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	17.150	0.10000	17.512	0.20000	0.12036	95	-1.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	17.170	0.10000	17.512	0.20000	0.12036	95	-1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	17.235	0.29000	17.512	0.20000	0.12036	95	-1.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	17.250	0.50000	17.512	0.20000	0.12036	95	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.267	0.12500	17.512	0.20000	0.12036	95	-1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	17.270	0.20000	17.512	0.20000	0.12036	95	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	17.280	0.02000	17.512	0.20000	0.12036	95	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	17.295	0.07000	17.512	0.20000	0.12036	95	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.300	0.00000	17.512	0.20000	0.12036	95	-1.06	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.300	0.00000	17.512	0.20000	0.12036	95	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	17.335	0.03000	17.512	0.20000	0.12036	95	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	17.350	0.10000	17.512	0.20000	0.12036	95	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	17.350	0.04000	17.512	0.20000	0.12036	95	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	17.350	0.10000	17.512	0.20000	0.12036	95	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	17.357	0.05100	17.512	0.20000	0.12036	95	-0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	17.360	0.02000	17.512	0.20000	0.12036	95	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	17.375	0.08800	17.512	0.20000	0.12036	95	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	17.375	0.05000	17.512	0.20000	0.12036	95	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	17.380	0.14000	17.512	0.20000	0.12036	95	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	17.385	0.17000	17.512	0.20000	0.12036	95	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	17.385	0.05000	17.512	0.20000	0.12036	95	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.400	0.00000	17.512	0.20000	0.12036	95	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	17.400	0.00000	17.512	0.20000	0.12036	95	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	17.405	0.25000	17.512	0.20000	0.12036	95	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	17.409	0.01300	17.512	0.20000	0.12036	95	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	17.410	0.02000	17.512	0.20000	0.12036	95	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	17.415	0.01000	17.512	0.20000	0.12036	95	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	17.420	0.04000	17.512	0.20000	0.12036	95	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0913	17.420	0.06000	17.512	0.20000	0.12036	95	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	17.420	0.08000	17.512	0.20000	0.12036	95	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.435	0.11000	17.512	0.20000	0.12036	95	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.440	0.02000	17.512	0.20000	0.12036	95	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.450	0.10000	17.512	0.20000	0.12036	95	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	17.455	0.01000	17.512	0.20000	0.12036	95	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	17.465	0.00700	17.512	0.20000	0.12036	95	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	17.465	0.07000	17.512	0.20000	0.12036	95	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	17.469	0.00900	17.512	0.20000	0.12036	95	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	17.470	0.00000	17.512	0.20000	0.12036	95	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	17.480	0.06000	17.512	0.20000	0.12036	95	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	17.494	0.11250	17.512	0.20000	0.12036	95	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	17.495	0.13000	17.512	0.20000	0.12036	95	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	17.495	0.33000	17.512	0.20000	0.12036	95	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0008	17.500	0.02000	17.512	0.20000	0.12036	95	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.510	0.04000	17.512	0.20000	0.12036	95	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	17.515	0.15000	17.512	0.20000	0.12036	95	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	17.535	0.03000	17.512	0.20000	0.12036	95	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	17.546	0.11800	17.512	0.20000	0.12036	95	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	17.550	0.10000	17.512	0.20000	0.12036	95	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	17.555	0.15000	17.512	0.20000	0.12036	95	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	17.555	0.13000	17.512	0.20000	0.12036	95	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0065	17.564	0.02750	17.512	0.20000	0.12036	95	0.26	0%	0

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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0674	17.570	0.00000	17.512	0.20000	0.12036	95	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	17.575	0.01000	17.512	0.20000	0.12036	95	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	17.575	0.21000	17.512	0.20000	0.12036	95	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	17.580	0.12000	17.512	0.20000	0.12036	95	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	17.590	0.02000	17.512	0.20000	0.12036	95	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	17.600	0.26000	17.512	0.20000	0.12036	95	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.600	0.60000	17.512	0.20000	0.12036	95	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	17.600	0.60000	17.512	0.20000	0.12036	95	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	17.600	0.14000	17.512	0.20000	0.12036	95	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.600	0.00000	17.512	0.20000	0.12036	95	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	17.620	0.08000	17.512	0.20000	0.12036	95	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	17.630	0.40000	17.512	0.20000	0.12036	95	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	17.630	0.18000	17.512	0.20000	0.12036	95	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	17.630	0.08000	17.512	0.20000	0.12036	95	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	17.630	0.20000	17.512	0.20000	0.12036	95	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.645	0.55000	17.512	0.20000	0.12036	95	0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	17.646	0.13400	17.512	0.20000	0.12036	95	0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	17.650	0.10000	17.512	0.20000	0.12036	95	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	17.670	0.30000	17.512	0.20000	0.12036	95	0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	17.675	0.07300	17.512	0.20000	0.12036	95	0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.675	0.11000	17.512	0.20000	0.12036	95	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	17.680	0.10000	17.512	0.20000	0.12036	95	0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	17.705	0.21000	17.512	0.20000	0.12036	95	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	17.710	0.12000	17.512	0.20000	0.12036	95	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	17.725	0.09000	17.512	0.20000	0.12036	95	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	17.750	0.10000	17.512	0.20000	0.12036	95	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	17.785	0.07000	17.512	0.20000	0.12036	95	1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.790	0.08000	17.512	0.20000	0.12036	95	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	17.794	0.08800	17.512	0.20000	0.12036	95	1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	17.800	0.06000	17.512	0.20000	0.12036	95	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	17.800	0.40000	17.512	0.20000	0.12036	95	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	17.850	0.10000	17.512	0.20000	0.12036	95	1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	17.855	0.23000	17.512	0.20000	0.12036	95	1.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	17.865	0.01000	17.512	0.20000	0.12036	95	1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	17.945	0.11000	17.512	0.20000	0.12036	95	2.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	17.965	0.31000	17.512	0.20000	0.12036	95	2.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	17.980	0.08000	17.512	0.20000	0.12036	95	2.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	18.200	0.16000	17.512	0.20000	0.12036	95	3.44	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.090	0.24000	17.512	0.20000	0.12036	95	7.89	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	16.950	0.70000	17.512	0.20000	0.12036	95	-2.81	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0912	17.350	0.90000	17.512	0.20000	0.12036	95	-0.81	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0337	17.520	0.72000	17.512	0.20000	0.12036	95	0.04	0%	1

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	14.790	0.16000	17.512	0.20000	0.12036	95	-13.61	8%	2
002.08	Protein, Cu / Ti (%)	0208	17.550	0.10000			0.10000	1			
002.10	Protein, Block dig / distillation (%)	0629	17.500	0.00000			0.00000	1			
002.11	Protein, NIR (%)	0297	18.310	0.08000	18.773	0.57963	0.14000	4	-0.80	1%	0
002.11	Protein, NIR (%)	0553	18.505	0.21000	18.773	0.57963	0.14000	4	-0.46	1%	0
002.11	Protein, NIR (%)	0885	18.660	0.14000	18.773	0.57963	0.14000	4	-0.19	0%	0
002.11	Protein, NIR (%)	0889	19.615	0.13000	18.773	0.57963	0.14000	4	1.45	2%	0
002.99	Protein, Miscellaneous (%)	0643	17.975	0.01000			0.01000	1			
003.00	Fat, Eth Ext., Direct (%)	0142	2.2000	0.20000	3.5453	0.25599	0.08058	13	-5.26	19%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.2850	0.01000	3.5453	0.25599	0.08058	13	-1.02	4%	0
003.00	Fat, Eth Ext., Direct (%)	2058	3.3450	0.03000	3.5453	0.25599	0.08058	13	-0.78	3%	0
003.00	Fat, Eth Ext., Direct (%)	0337	3.3600	0.12000	3.5453	0.25599	0.08058	13	-0.72	3%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.4750	0.01000	3.5453	0.25599	0.08058	13	-0.27	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.5450	0.03000	3.5453	0.25599	0.08058	13	0.00	0%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.5500	0.10000	3.5453	0.25599	0.08058	13	0.02	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.5650	0.03000	3.5453	0.25599	0.08058	13	0.08	0%	0
003.00	Fat, Eth Ext., Direct (%)	0065	3.5888	0.01750	3.5453	0.25599	0.08058	13	0.17	1%	0
003.00	Fat, Eth Ext., Direct (%)	0139	3.6300	0.08000	3.5453	0.25599	0.08058	13	0.33	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	3.8150	0.03000	3.5453	0.25599	0.08058	13	1.05	4%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.8400	0.20000	3.5453	0.25599	0.08058	13	1.15	4%	0
003.00	Fat, Eth Ext., Direct (%)	0876	4.1950	0.19000	3.5453	0.25599	0.08058	13	2.54	9%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0106	3.5400	0.02000			0.02000	1			
003.06	Fat, Pet Ether (%)	0074	2.8350	0.07000	3.3989	0.11322	0.08500	14	-4.98	8%	0
003.06	Fat, Pet Ether (%)	0297	3.1500	0.02000	3.3989	0.11322	0.08500	14	-2.20	4%	0
003.06	Fat, Pet Ether (%)	0148	3.3300	0.02000	3.3989	0.11322	0.08500	14	-0.61	1%	0
003.06	Fat, Pet Ether (%)	0164	3.3300	0.08000	3.3989	0.11322	0.08500	14	-0.61	1%	0
003.06	Fat, Pet Ether (%)	0689	3.3500	0.30000	3.3989	0.11322	0.08500	14	-0.43	1%	0
003.06	Fat, Pet Ether (%)	0294	3.3750	0.01000	3.3989	0.11322	0.08500	14	-0.21	0%	0
003.06	Fat, Pet Ether (%)	0910	3.3800	0.14000	3.3989	0.11322	0.08500	14	-0.17	0%	0
003.06	Fat, Pet Ether (%)	2063	3.3800	0.02000	3.3989	0.11322	0.08500	14	-0.17	0%	0
003.06	Fat, Pet Ether (%)	0552	3.4400	0.00000	3.3989	0.11322	0.08500	14	0.36	1%	0
003.06	Fat, Pet Ether (%)	0199	3.4500	0.02000	3.3989	0.11322	0.08500	14	0.45	1%	0
003.06	Fat, Pet Ether (%)	0083	3.5050	0.03000	3.3989	0.11322	0.08500	14	0.94	2%	0
003.06	Fat, Pet Ether (%)	0300	3.5500	0.18000	3.3989	0.11322	0.08500	14	1.33	2%	0
003.06	Fat, Pet Ether (%)	0918	3.7850	0.25000	3.3989	0.11322	0.08500	14	3.41	6%	0
003.06	Fat, Pet Ether (%)	0852	4.4450	0.05000	3.3989	0.11322	0.08500	14	9.24	15%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	3.2300	0.02000	3.4703	0.12187	0.05195	20	-1.97	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	3.2700	0.00000	3.4703	0.12187	0.05195	20	-1.64	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.2750	0.21000	3.4703	0.12187	0.05195	20	-1.60	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0051	3.3400	0.20000	3.4703	0.12187	0.05195	20	-1.07	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.3900	0.00660	3.4703	0.12187	0.05195	20	-0.66	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.4050	0.03000	3.4703	0.12187	0.05195	20	-0.54	1%	0

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003.09	Fat, Soxtec, Eth Ext (%)	0038	3.4200	0.02000	3.4703	0.12187	0.05195	20	-0.41	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.4350	0.01000	3.4703	0.12187	0.05195	20	-0.29	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.4580	0.00200	3.4703	0.12187	0.05195	20	-0.10	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	3.4610	0.07000	3.4703	0.12187	0.05195	20	-0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.4771	0.10040	3.4703	0.12187	0.05195	20	0.06	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.4900	0.06000	3.4703	0.12187	0.05195	20	0.16	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.5000	0.02000	3.4703	0.12187	0.05195	20	0.24	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.5150	0.01000	3.4703	0.12187	0.05195	20	0.37	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.5350	0.03000	3.4703	0.12187	0.05195	20	0.53	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	3.5800	0.16000	3.4703	0.12187	0.05195	20	0.90	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.6000	0.00000	3.4703	0.12187	0.05195	20	1.06	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.6150	0.01000	3.4703	0.12187	0.05195	20	1.19	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.6600	0.00000	3.4703	0.12187	0.05195	20	1.56	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.3100	0.08000	3.4703	0.12187	0.05195	20	6.89	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.1850	0.01000	3.3769	0.09497	0.04500	16	-2.02	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.2150	0.27000	3.3769	0.09497	0.04500	16	-1.70	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.3050	0.01000	3.3769	0.09497	0.04500	16	-0.76	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.3050	0.01000	3.3769	0.09497	0.04500	16	-0.76	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.3300	0.02000	3.3769	0.09497	0.04500	16	-0.49	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.3400	0.02000	3.3769	0.09497	0.04500	16	-0.39	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.3500	0.00000	3.3769	0.09497	0.04500	16	-0.28	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.3650	0.03000	3.3769	0.09497	0.04500	16	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.3700	0.02000	3.3769	0.09497	0.04500	16	-0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.4200	0.04000	3.3769	0.09497	0.04500	16	0.45	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.4250	0.01000	3.3769	0.09497	0.04500	16	0.51	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.4500	0.10000	3.3769	0.09497	0.04500	16	0.77	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.4550	0.11000	3.3769	0.09497	0.04500	16	0.82	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.4650	0.01000	3.3769	0.09497	0.04500	16	0.93	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0034	3.4750	0.01000	3.3769	0.09497	0.04500	16	1.03	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.5350	0.05000	3.3769	0.09497	0.04500	16	1.66	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.1850	0.35000	3.3769	0.09497	0.04500	16	-2.02	3%	1
003.10	Fat, Soxtec, Pet Ether (%)	0618	6.6000	0.18000	3.3769	0.09497	0.04500	16	33.94	48%	2
003.11	Fat, NIR (%)	0889	3.0850	0.13000	3.3738	0.30344	0.07250	4	-0.95	4%	0
003.11	Fat, NIR (%)	0553	3.1450	0.01000	3.3738	0.30344	0.07250	4	-0.75	3%	0
003.11	Fat, NIR (%)	0885	3.5750	0.03000	3.3738	0.30344	0.07250	4	0.66	3%	0
003.11	Fat, NIR (%)	0297	3.6900	0.12000	3.3738	0.30344	0.07250	4	1.04	5%	0
003.12	Fat, Hexane Ext (%)	0940	3.2050	0.11000	3.3688	0.11519	0.04000	6	-1.42	2%	0
003.12	Fat, Hexane Ext (%)	0171	3.2800	0.08000	3.3688	0.11519	0.04000	6	-0.77	1%	0
003.12	Fat, Hexane Ext (%)	0897	3.3750	0.01000	3.3688	0.11519	0.04000	6	0.05	0%	0
003.12	Fat, Hexane Ext (%)	0903	3.4050	0.01000	3.3688	0.11519	0.04000	6	0.31	1%	0
003.12	Fat, Hexane Ext (%)	2006	3.4650	0.01000	3.3688	0.11519	0.04000	6	0.84	1%	0
003.12	Fat, Hexane Ext (%)	0895	3.4700	0.02000	3.3688	0.11519	0.04000	6	0.88	2%	0

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003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.1800	0.10000	3.3975	0.20377	0.08229	7	-1.07	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.2450	0.07000	3.3975	0.20377	0.08229	7	-0.75	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.3200	0.02000	3.3975	0.20377	0.08229	7	-0.38	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	3.3200	0.24000	3.3975	0.20377	0.08229	7	-0.38	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.4590	0.07600	3.3975	0.20377	0.08229	7	0.30	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.6700	0.04000	3.3975	0.20377	0.08229	7	1.34	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	4.0250	0.03000	3.3975	0.20377	0.08229	7	3.08	9%	0
003.14	Fat, Ankom (%)	0683	2.8850	0.05000	3.3847	0.20423	0.09893	27	-2.45	7%	0
003.14	Fat, Ankom (%)	0413	2.9500	0.10000	3.3847	0.20423	0.09893	27	-2.13	6%	0
003.14	Fat, Ankom (%)	0001	3.0070	0.22600	3.3847	0.20423	0.09893	27	-1.85	6%	0
003.14	Fat, Ankom (%)	0202	3.0850	0.03000	3.3847	0.20423	0.09893	27	-1.47	4%	0
003.14	Fat, Ankom (%)	0229	3.1700	0.06000	3.3847	0.20423	0.09893	27	-1.05	3%	0
003.14	Fat, Ankom (%)	0066	3.2300	0.10000	3.3847	0.20423	0.09893	27	-0.76	2%	0
003.14	Fat, Ankom (%)	0407	3.2800	0.00000	3.3847	0.20423	0.09893	27	-0.51	2%	0
003.14	Fat, Ankom (%)	0300	3.2810	0.18200	3.3847	0.20423	0.09893	27	-0.51	2%	0
003.14	Fat, Ankom (%)	0955	3.3050	0.03000	3.3847	0.20423	0.09893	27	-0.39	1%	0
003.14	Fat, Ankom (%)	0169	3.3100	0.00000	3.3847	0.20423	0.09893	27	-0.37	1%	0
003.14	Fat, Ankom (%)	0520	3.3250	0.39000	3.3847	0.20423	0.09893	27	-0.29	1%	0
003.14	Fat, Ankom (%)	0529	3.3300	0.00000	3.3847	0.20423	0.09893	27	-0.27	1%	0
003.14	Fat, Ankom (%)	0598	3.3400	0.02000	3.3847	0.20423	0.09893	27	-0.22	1%	0
003.14	Fat, Ankom (%)	0913	3.3800	0.04000	3.3847	0.20423	0.09893	27	-0.02	0%	0
003.14	Fat, Ankom (%)	0878	3.3950	0.29000	3.3847	0.20423	0.09893	27	0.05	0%	0
003.14	Fat, Ankom (%)	0049	3.4000	0.20000	3.3847	0.20423	0.09893	27	0.08	0%	0
003.14	Fat, Ankom (%)	0015	3.4150	0.01000	3.3847	0.20423	0.09893	27	0.15	0%	0
003.14	Fat, Ankom (%)	0089	3.4200	0.00000	3.3847	0.20423	0.09893	27	0.17	1%	0
003.14	Fat, Ankom (%)	0144	3.4700	0.08000	3.3847	0.20423	0.09893	27	0.42	1%	0
003.14	Fat, Ankom (%)	0956	3.5000	0.00000	3.3847	0.20423	0.09893	27	0.56	2%	0
003.14	Fat, Ankom (%)	0003	3.5800	0.32000	3.3847	0.20423	0.09893	27	0.96	3%	0
003.14	Fat, Ankom (%)	0019	3.5950	0.11000	3.3847	0.20423	0.09893	27	1.03	3%	0
003.14	Fat, Ankom (%)	0009	3.6200	0.22000	3.3847	0.20423	0.09893	27	1.15	3%	0
003.14	Fat, Ankom (%)	0848	3.6550	0.07000	3.3847	0.20423	0.09893	27	1.32	4%	0
003.14	Fat, Ankom (%)	0726	3.6825	0.03300	3.3847	0.20423	0.09893	27	1.46	4%	0
003.14	Fat, Ankom (%)	0265	3.7500	0.10000	3.3847	0.20423	0.09893	27	1.79	5%	0
003.14	Fat, Ankom (%)	0190	3.8050	0.01000	3.3847	0.20423	0.09893	27	2.06	6%	0
003.14	Fat, Ankom (%)	0912	3.6100	0.84000	3.3847	0.20423	0.09893	27	1.10	3%	1
003.14	Fat, Ankom (%)	0581	7.4700	0.08000	3.3847	0.20423	0.09893	27	20.00	60%	2
003.99	Fat, Miscellaneous (%)	0047	3.9000	0.00000			0.00000	1			
004.00	Fiber, Crude Asbestos Free (%)	0345	3.1300	0.14000	4.2665	0.44024	0.08250	12	-2.58	13%	0
004.00	Fiber, Crude Asbestos Free (%)	0034	3.5000	0.00000	4.2665	0.44024	0.08250	12	-1.74	9%	0
004.00	Fiber, Crude Asbestos Free (%)	0169	3.9450	0.07000	4.2665	0.44024	0.08250	12	-0.73	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0298	3.9700	0.02000	4.2665	0.44024	0.08250	12	-0.67	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0194	4.0450	0.03000	4.2665	0.44024	0.08250	12	-0.50	3%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
004.00	Fiber, Crude Asbestos Free (%)	0353	4.3200	0.16000	4.2665	0.44024	0.08250	12	0.12	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0164	4.3500	0.10000	4.2665	0.44024	0.08250	12	0.19	1%	0
004.00	Fiber, Crude Asbestos Free (%)	0354	4.5050	0.07000	4.2665	0.44024	0.08250	12	0.54	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0171	4.5200	0.06000	4.2665	0.44024	0.08250	12	0.58	3%	0
004.00	Fiber, Crude Asbestos Free (%)	0208	4.5950	0.11000	4.2665	0.44024	0.08250	12	0.75	4%	0
004.00	Fiber, Crude Asbestos Free (%)	2023	4.6100	0.08000	4.2665	0.44024	0.08250	12	0.78	4%	0
004.00	Fiber, Crude Asbestos Free (%)	0876	4.9250	0.15000	4.2665	0.44024	0.08250	12	1.50	8%	0
004.00	Fiber, Crude Asbestos Free (%)	0337	6.2150	1.3300	4.2665	0.44024	0.08250	12	4.43	23%	1
004.01	Fiber, Sing Filt (%)	0045	4.8500	0.20000			0.20000	1			
004.03	Fiber, Fritted Glass (%)	2068	4.2450	0.05000	4.5438	0.20373	0.03250	4	-1.47	3%	0
004.03	Fiber, Fritted Glass (%)	0626	4.5900	0.02000	4.5438	0.20373	0.03250	4	0.23	1%	0
004.03	Fiber, Fritted Glass (%)	2058	4.6450	0.05000	4.5438	0.20373	0.03250	4	0.50	1%	0
004.03	Fiber, Fritted Glass (%)	0693	4.6950	0.01000	4.5438	0.20373	0.03250	4	0.74	2%	0
004.06	Fiber, Fibertec (%)	2022	3.6800	0.12000	4.3848	0.36952	0.10349	27	-1.91	8%	0
004.06	Fiber, Fibertec (%)	0897	3.8950	0.01000	4.3848	0.36952	0.10349	27	-1.33	6%	0
004.06	Fiber, Fibertec (%)	0038	3.9250	0.17000	4.3848	0.36952	0.10349	27	-1.24	5%	0
004.06	Fiber, Fibertec (%)	0903	4.0050	0.01000	4.3848	0.36952	0.10349	27	-1.03	4%	0
004.06	Fiber, Fibertec (%)	0918	4.0250	0.13000	4.3848	0.36952	0.10349	27	-0.97	4%	0
004.06	Fiber, Fibertec (%)	0620	4.0404	0.00920	4.3848	0.36952	0.10349	27	-0.93	4%	0
004.06	Fiber, Fibertec (%)	0512	4.1380	0.18800	4.3848	0.36952	0.10349	27	-0.67	3%	0
004.06	Fiber, Fibertec (%)	0885	4.1700	0.00000	4.3848	0.36952	0.10349	27	-0.58	2%	0
004.06	Fiber, Fibertec (%)	0098	4.2150	0.17000	4.3848	0.36952	0.10349	27	-0.46	2%	0
004.06	Fiber, Fibertec (%)	0675	4.2200	0.26000	4.3848	0.36952	0.10349	27	-0.45	2%	0
004.06	Fiber, Fibertec (%)	0590	4.2600	0.32000	4.3848	0.36952	0.10349	27	-0.34	1%	0
004.06	Fiber, Fibertec (%)	0878	4.3050	0.11000	4.3848	0.36952	0.10349	27	-0.22	1%	0
004.06	Fiber, Fibertec (%)	0895	4.3450	0.01000	4.3848	0.36952	0.10349	27	-0.11	0%	0
004.06	Fiber, Fibertec (%)	0199	4.3800	0.08000	4.3848	0.36952	0.10349	27	-0.01	0%	0
004.06	Fiber, Fibertec (%)	0723	4.3850	0.00000	4.3848	0.36952	0.10349	27	0.00	0%	0
004.06	Fiber, Fibertec (%)	0964	4.4100	0.18000	4.3848	0.36952	0.10349	27	0.07	0%	0
004.06	Fiber, Fibertec (%)	0653	4.4600	0.02000	4.3848	0.36952	0.10349	27	0.20	1%	0
004.06	Fiber, Fibertec (%)	0952	4.5450	0.07000	4.3848	0.36952	0.10349	27	0.43	2%	0
004.06	Fiber, Fibertec (%)	0552	4.5900	0.14000	4.3848	0.36952	0.10349	27	0.56	2%	0
004.06	Fiber, Fibertec (%)	2063	4.6400	0.02000	4.3848	0.36952	0.10349	27	0.69	3%	0
004.06	Fiber, Fibertec (%)	0868	4.6650	0.05000	4.3848	0.36952	0.10349	27	0.76	3%	0
004.06	Fiber, Fibertec (%)	0205	4.7050	0.33000	4.3848	0.36952	0.10349	27	0.87	4%	0
004.06	Fiber, Fibertec (%)	0689	4.7500	0.10000	4.3848	0.36952	0.10349	27	0.99	4%	0
004.06	Fiber, Fibertec (%)	0968	4.7635	0.09700	4.3848	0.36952	0.10349	27	1.02	4%	0
004.06	Fiber, Fibertec (%)	0674	4.8450	0.01000	4.3848	0.36952	0.10349	27	1.25	5%	0
004.06	Fiber, Fibertec (%)	2006	5.2800	0.06000	4.3848	0.36952	0.10349	27	2.42	10%	0
004.06	Fiber, Fibertec (%)	0609	5.7850	0.13000	4.3848	0.36952	0.10349	27	3.79	16%	0
004.07	Fiber, ANKOM (%)	0265	3.4500	0.10000	4.1101	0.35756	0.10530	43	-1.85	8%	0
004.07	Fiber, ANKOM (%)	0505	3.4850	0.13000	4.1101	0.35756	0.10530	43	-1.75	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0066	3.5350	0.11000	4.1101	0.35756	0.10530	43	-1.61	7%	0
004.07	Fiber, ANKOM (%)	0955	3.5350	0.05000	4.1101	0.35756	0.10530	43	-1.61	7%	0
004.07	Fiber, ANKOM (%)	0035	3.6200	0.04000	4.1101	0.35756	0.10530	43	-1.37	6%	0
004.07	Fiber, ANKOM (%)	0553	3.6450	0.37000	4.1101	0.35756	0.10530	43	-1.30	6%	0
004.07	Fiber, ANKOM (%)	0297	3.7500	0.04000	4.1101	0.35756	0.10530	43	-1.01	4%	0
004.07	Fiber, ANKOM (%)	0407	3.7600	0.10000	4.1101	0.35756	0.10530	43	-0.98	4%	0
004.07	Fiber, ANKOM (%)	0098	3.7700	0.10000	4.1101	0.35756	0.10530	43	-0.95	4%	0
004.07	Fiber, ANKOM (%)	0033	3.7850	0.01000	4.1101	0.35756	0.10530	43	-0.91	4%	0
004.07	Fiber, ANKOM (%)	0619	3.8100	0.02000	4.1101	0.35756	0.10530	43	-0.84	4%	0
004.07	Fiber, ANKOM (%)	0144	3.8650	0.01000	4.1101	0.35756	0.10530	43	-0.69	3%	0
004.07	Fiber, ANKOM (%)	0202	3.8700	0.04000	4.1101	0.35756	0.10530	43	-0.67	3%	0
004.07	Fiber, ANKOM (%)	0083	3.9400	0.14000	4.1101	0.35756	0.10530	43	-0.48	2%	0
004.07	Fiber, ANKOM (%)	0520	4.0050	0.07000	4.1101	0.35756	0.10530	43	-0.29	1%	0
004.07	Fiber, ANKOM (%)	2053	4.0100	0.00000	4.1101	0.35756	0.10530	43	-0.28	1%	0
004.07	Fiber, ANKOM (%)	0089	4.0200	0.02000	4.1101	0.35756	0.10530	43	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0643	4.0450	0.07000	4.1101	0.35756	0.10530	43	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0413	4.0500	0.10000	4.1101	0.35756	0.10530	43	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0510	4.0500	0.10000	4.1101	0.35756	0.10530	43	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0592	4.0950	0.23000	4.1101	0.35756	0.10530	43	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0910	4.1500	0.30000	4.1101	0.35756	0.10530	43	0.11	0%	0
004.07	Fiber, ANKOM (%)	0956	4.1500	0.10000	4.1101	0.35756	0.10530	43	0.11	0%	0
004.07	Fiber, ANKOM (%)	0849	4.1525	0.02500	4.1101	0.35756	0.10530	43	0.12	1%	0
004.07	Fiber, ANKOM (%)	0723	4.1600	0.00000	4.1101	0.35756	0.10530	43	0.14	1%	0
004.07	Fiber, ANKOM (%)	0861	4.1800	0.26000	4.1101	0.35756	0.10530	43	0.20	1%	0
004.07	Fiber, ANKOM (%)	0015	4.2150	0.09000	4.1101	0.35756	0.10530	43	0.29	1%	0
004.07	Fiber, ANKOM (%)	0848	4.2800	0.12000	4.1101	0.35756	0.10530	43	0.48	2%	0
004.07	Fiber, ANKOM (%)	0529	4.3100	0.02000	4.1101	0.35756	0.10530	43	0.56	2%	0
004.07	Fiber, ANKOM (%)	0009	4.3250	0.05000	4.1101	0.35756	0.10530	43	0.60	3%	0
004.07	Fiber, ANKOM (%)	0008	4.3250	0.23000	4.1101	0.35756	0.10530	43	0.60	3%	0
004.07	Fiber, ANKOM (%)	0294	4.3500	0.10000	4.1101	0.35756	0.10530	43	0.67	3%	0
004.07	Fiber, ANKOM (%)	0354	4.3600	0.06000	4.1101	0.35756	0.10530	43	0.70	3%	0
004.07	Fiber, ANKOM (%)	0190	4.3750	0.05000	4.1101	0.35756	0.10530	43	0.74	3%	0
004.07	Fiber, ANKOM (%)	0726	4.3835	0.01300	4.1101	0.35756	0.10530	43	0.76	3%	0
004.07	Fiber, ANKOM (%)	0004	4.4150	0.09000	4.1101	0.35756	0.10530	43	0.85	4%	0
004.07	Fiber, ANKOM (%)	0683	4.4500	0.20000	4.1101	0.35756	0.10530	43	0.95	4%	0
004.07	Fiber, ANKOM (%)	0019	4.4850	0.19000	4.1101	0.35756	0.10530	43	1.05	5%	0
004.07	Fiber, ANKOM (%)	0229	4.5000	0.20000	4.1101	0.35756	0.10530	43	1.09	5%	0
004.07	Fiber, ANKOM (%)	0074	4.6050	0.11000	4.1101	0.35756	0.10530	43	1.38	6%	0
004.07	Fiber, ANKOM (%)	0242	4.6900	0.28000	4.1101	0.35756	0.10530	43	1.62	7%	0
004.07	Fiber, ANKOM (%)	0913	4.8200	0.14000	4.1101	0.35756	0.10530	43	1.99	9%	0
004.07	Fiber, ANKOM (%)	0598	5.0950	0.05000	4.1101	0.35756	0.10530	43	2.75	12%	0
004.07	Fiber, ANKOM (%)	0003	4.3550	0.55000	4.1101	0.35756	0.10530	43	0.69	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0581	0.00000	0.00000	4.1101	0.35756	0.10530	43	-11.49	50%	2
004.11	Fiber, NIR (%)	0553	3.9700	0.06000	4.0975	0.18031	0.04500	2	-0.71	2%	0
004.11	Fiber, NIR (%)	0885	4.2250	0.03000	4.0975	0.18031	0.04500	2	0.71	2%	0
004.99	Fiber, Miscellaneous (%)	0940	4.0950	0.51000	4.3225	0.32173	0.30500	2	-0.71	3%	0
004.99	Fiber, Miscellaneous (%)	0629	4.5500	0.10000	4.3225	0.32173	0.30500	2	0.71	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.8950	0.13000	6.3646	0.18612	0.05837	70	-2.52	4%	0
005.00	Ash, 2h @ 600°C (%)	2048	5.9700	0.04000	6.3646	0.18612	0.05837	70	-2.12	3%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.0600	0.24000	6.3646	0.18612	0.05837	70	-1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0065	6.0844	0.02880	6.3646	0.18612	0.05837	70	-1.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.1000	0.00000	6.3646	0.18612	0.05837	70	-1.42	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	6.1100	0.18000	6.3646	0.18612	0.05837	70	-1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0194	6.1200	0.02000	6.3646	0.18612	0.05837	70	-1.31	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.1250	0.05000	6.3646	0.18612	0.05837	70	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.1250	0.05000	6.3646	0.18612	0.05837	70	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.1500	0.06000	6.3646	0.18612	0.05837	70	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.1590	0.03000	6.3646	0.18612	0.05837	70	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.1600	0.03480	6.3646	0.18612	0.05837	70	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0337	6.1650	0.17000	6.3646	0.18612	0.05837	70	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.1650	0.01000	6.3646	0.18612	0.05837	70	-1.07	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.2050	0.03000	6.3646	0.18612	0.05837	70	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.2050	0.03000	6.3646	0.18612	0.05837	70	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	6.2100	0.10000	6.3646	0.18612	0.05837	70	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.2100	0.00000	6.3646	0.18612	0.05837	70	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.2400	0.02000	6.3646	0.18612	0.05837	70	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.2800	0.04000	6.3646	0.18612	0.05837	70	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	6.2850	0.01000	6.3646	0.18612	0.05837	70	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	6.2945	0.01500	6.3646	0.18612	0.05837	70	-0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0038	6.2950	0.13000	6.3646	0.18612	0.05837	70	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.3000	0.07000	6.3646	0.18612	0.05837	70	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	2067	6.3030	0.01000	6.3646	0.18612	0.05837	70	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.3200	0.08000	6.3646	0.18612	0.05837	70	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.3200	0.12000	6.3646	0.18612	0.05837	70	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	6.3250	0.03000	6.3646	0.18612	0.05837	70	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.3250	0.01000	6.3646	0.18612	0.05837	70	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	6.3400	0.02000	6.3646	0.18612	0.05837	70	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	6.3500	0.04000	6.3646	0.18612	0.05837	70	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.3550	0.25000	6.3646	0.18612	0.05837	70	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.3550	0.03000	6.3646	0.18612	0.05837	70	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	6.3650	0.17000	6.3646	0.18612	0.05837	70	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0660	6.3650	0.07000	6.3646	0.18612	0.05837	70	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.3700	0.10000	6.3646	0.18612	0.05837	70	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.3800	0.06000	6.3646	0.18612	0.05837	70	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0407	6.3850	0.11000	6.3646	0.18612	0.05837	70	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.4050	0.01000	6.3646	0.18612	0.05837	70	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.4100	0.00000	6.3646	0.18612	0.05837	70	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.4100	0.02000	6.3646	0.18612	0.05837	70	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	6.4200	0.04000	6.3646	0.18612	0.05837	70	0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.4350	0.03000	6.3646	0.18612	0.05837	70	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	6.4350	0.09000	6.3646	0.18612	0.05837	70	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0913	6.4350	0.03000	6.3646	0.18612	0.05837	70	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.4450	0.03000	6.3646	0.18612	0.05837	70	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	6.4500	0.00000	6.3646	0.18612	0.05837	70	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.4650	0.01000	6.3646	0.18612	0.05837	70	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.4699	0.02560	6.3646	0.18612	0.05837	70	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.4800	0.02000	6.3646	0.18612	0.05837	70	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.4950	0.05000	6.3646	0.18612	0.05837	70	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.4950	0.11000	6.3646	0.18612	0.05837	70	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.4995	0.02300	6.3646	0.18612	0.05837	70	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.5000	0.04000	6.3646	0.18612	0.05837	70	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.5100	0.02000	6.3646	0.18612	0.05837	70	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.5150	0.01000	6.3646	0.18612	0.05837	70	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.5250	0.01000	6.3646	0.18612	0.05837	70	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.5300	0.14000	6.3646	0.18612	0.05837	70	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0051	6.5450	0.03000	6.3646	0.18612	0.05837	70	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.5450	0.01000	6.3646	0.18612	0.05837	70	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.5450	0.03000	6.3646	0.18612	0.05837	70	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.5500	0.10000	6.3646	0.18612	0.05837	70	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	6.5600	0.00000	6.3646	0.18612	0.05837	70	1.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.5750	0.17000	6.3646	0.18612	0.05837	70	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.5750	0.09000	6.3646	0.18612	0.05837	70	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.6165	0.05900	6.3646	0.18612	0.05837	70	1.35	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.6500	0.10000	6.3646	0.18612	0.05837	70	1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.6600	0.10000	6.3646	0.18612	0.05837	70	1.59	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.6950	0.09000	6.3646	0.18612	0.05837	70	1.78	3%	0
005.00	Ash, 2h @ 600°C (%)	0008	7.5650	0.01000	6.3646	0.18612	0.05837	70	6.45	9%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.3000	0.40000	6.3646	0.18612	0.05837	70	-0.35	1%	1
005.00	Ash, 2h @ 600°C (%)	0186	7.5950	0.37000	6.3646	0.18612	0.05837	70	6.61	10%	1
005.02	Ash, LECO (%)	0610	6.5600	0.00000			0.00000	1			
005.03	Ash, Microwave furnace (%)	0912	6.0500	0.10000			0.10000	1			
005.05	Ash, 3h @ 550°C (%)	0897	6.2000	0.04000	6.5088	0.06142	0.03797	19	-5.03	2%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.3000	0.02000	6.5088	0.06142	0.03797	19	-3.40	2%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.4200	0.06000	6.5088	0.06142	0.03797	19	-1.45	1%	0
005.05	Ash, 3h @ 550°C (%)	0033	6.4500	0.10000	6.5088	0.06142	0.03797	19	-0.96	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.4650	0.00340	6.5088	0.06142	0.03797	19	-0.71	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
005.05	Ash, 3h @ 550°C (%)	2063	6.4650	0.03000	6.5088	0.06142	0.03797	19	-0.71	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.4800	0.04000	6.5088	0.06142	0.03797	19	-0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0940	6.4800	0.02000	6.5088	0.06142	0.03797	19	-0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	6.5050	0.01000	6.5088	0.06142	0.03797	19	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	6.5200	0.06000	6.5088	0.06142	0.03797	19	0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	2058	6.5250	0.03000	6.5088	0.06142	0.03797	19	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.5350	0.03000	6.5088	0.06142	0.03797	19	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.5450	0.07000	6.5088	0.06142	0.03797	19	0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	6.5450	0.01000	6.5088	0.06142	0.03797	19	0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.5490	0.01800	6.5088	0.06142	0.03797	19	0.65	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.5500	0.10000	6.5088	0.06142	0.03797	19	0.67	0%	0
005.05	Ash, 3h @ 550°C (%)	0592	6.5750	0.03000	6.5088	0.06142	0.03797	19	1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.5850	0.05000	6.5088	0.06142	0.03797	19	1.24	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	6.6200	0.00000	6.5088	0.06142	0.03797	19	1.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.5000	0.40000	6.5088	0.06142	0.03797	19	-0.14	0%	1
005.11	Ash, NIR (%)	0885	5.8150	0.01000	7.0583	1.1233	0.17000	3	-1.11	9%	0
005.11	Ash, NIR (%)	0889	7.3600	0.38000	7.0583	1.1233	0.17000	3	0.27	2%	0
005.11	Ash, NIR (%)	0297	8.0000	0.12000	7.0583	1.1233	0.17000	3	0.84	7%	0
005.99	Ash, Miscellaneous (%)	0202	6.0350	0.01000	6.4250	0.33956	0.03000	3	-1.15	3%	0
005.99	Ash, Miscellaneous (%)	0629	6.5850	0.07000	6.4250	0.33956	0.03000	3	0.47	1%	0
005.99	Ash, Miscellaneous (%)	2023	6.6550	0.01000	6.4250	0.33956	0.03000	3	0.68	2%	0
006.00	Total sugars, As sucrose (%)	0910	6.5250	0.19000	7.9333	2.3447	0.40000	3	-0.60	9%	0
006.00	Total sugars, As sucrose (%)	0921	6.6350	0.51000	7.9333	2.3447	0.40000	3	-0.55	8%	0
006.00	Total sugars, As sucrose (%)	0066	10.640	0.50000	7.9333	2.3447	0.40000	3	1.15	17%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	6.5500	0.30000	7.5750	1.4496	0.19000	2	-0.71	7%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	8.6000	0.08000	7.5750	1.4496	0.19000	2	0.71	7%	0
006.99	Total sugars, Miscellaneous (%)	0227	6.7200	0.14000	8.6375	1.5444	0.13500	4	-1.24	11%	0
006.99	Total sugars, Miscellaneous (%)	0956	8.6000	0.40000	8.6375	1.5444	0.13500	4	-0.02	0%	0
006.99	Total sugars, Miscellaneous (%)	0723	8.7300	0.00000	8.6375	1.5444	0.13500	4	0.06	1%	0
006.99	Total sugars, Miscellaneous (%)	0912	10.500	0.00000	8.6375	1.5444	0.13500	4	1.21	11%	0
008.02	Fiber, Acid Detergent (%)	0685	3.9600	0.02000	6.4725	0.71608	0.11222	9	-3.51	19%	0
008.02	Fiber, Acid Detergent (%)	0405	4.2250	0.05000	6.4725	0.71608	0.11222	9	-3.14	17%	0
008.02	Fiber, Acid Detergent (%)	0353	6.1450	0.23000	6.4725	0.71608	0.11222	9	-0.46	3%	0
008.02	Fiber, Acid Detergent (%)	0038	6.2400	0.10000	6.4725	0.71608	0.11222	9	-0.32	2%	0
008.02	Fiber, Acid Detergent (%)	0098	6.5850	0.41000	6.4725	0.71608	0.11222	9	0.16	1%	0
008.02	Fiber, Acid Detergent (%)	0148	6.6900	0.04000	6.4725	0.71608	0.11222	9	0.30	2%	0
008.02	Fiber, Acid Detergent (%)	0675	6.7950	0.13000	6.4725	0.71608	0.11222	9	0.45	2%	0
008.02	Fiber, Acid Detergent (%)	0187	7.1950	0.01000	6.4725	0.71608	0.11222	9	1.01	6%	0
008.02	Fiber, Acid Detergent (%)	0609	7.3900	0.02000	6.4725	0.71608	0.11222	9	1.28	7%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	6.1000	0.40000			0.40000	1			
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	5.4800	0.40000	6.3160	0.60426	0.24792	24	-1.38	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	5.6500	0.10000	6.3160	0.60426	0.24792	24	-1.10	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	5.6900	0.46000	6.3160	0.60426	0.24792	24	-1.04	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	5.7400	0.70000	6.3160	0.60426	0.24792	24	-0.95	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	5.7550	0.19000	6.3160	0.60426	0.24792	24	-0.93	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	5.7650	0.17000	6.3160	0.60426	0.24792	24	-0.91	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	5.8000	0.00000	6.3160	0.60426	0.24792	24	-0.85	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0912	5.8500	0.02000	6.3160	0.60426	0.24792	24	-0.77	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	6.1250	0.37000	6.3160	0.60426	0.24792	24	-0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	6.2100	0.10000	6.3160	0.60426	0.24792	24	-0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.2850	0.27000	6.3160	0.60426	0.24792	24	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	6.3700	0.54000	6.3160	0.60426	0.24792	24	0.09	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	6.3850	0.01000	6.3160	0.60426	0.24792	24	0.11	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.3900	0.02000	6.3160	0.60426	0.24792	24	0.12	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.4000	0.00000	6.3160	0.60426	0.24792	24	0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.4000	0.20000	6.3160	0.60426	0.24792	24	0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	6.4400	0.40000	6.3160	0.60426	0.24792	24	0.21	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.5500	0.70000	6.3160	0.60426	0.24792	24	0.39	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.7950	0.03000	6.3160	0.60426	0.24792	24	0.79	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0106	6.9200	0.06000	6.3160	0.60426	0.24792	24	1.00	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	6.9250	0.23000	6.3160	0.60426	0.24792	24	1.01	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	7.2150	0.33000	6.3160	0.60426	0.24792	24	1.49	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	7.2750	0.45000	6.3160	0.60426	0.24792	24	1.59	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	7.7000	0.20000	6.3160	0.60426	0.24792	24	2.29	11%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	8.8650	0.15000	11.063	1.9910	0.13333	6	-1.10	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	9.7500	0.04000	11.063	1.9910	0.13333	6	-0.66	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	10.190	0.22000	11.063	1.9910	0.13333	6	-0.44	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	11.500	0.00000	11.063	1.9910	0.13333	6	0.22	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	12.805	0.07000	11.063	1.9910	0.13333	6	0.87	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	13.270	0.32000	11.063	1.9910	0.13333	6	1.11	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	9.5900	0.36000	11.275	1.1647	0.20800	20	-1.45	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	9.8000	0.00000	11.275	1.1647	0.20800	20	-1.27	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	9.8300	0.08000	11.275	1.1647	0.20800	20	-1.24	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	10.200	0.38000	11.275	1.1647	0.20800	20	-0.92	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	10.400	0.00000	11.275	1.1647	0.20800	20	-0.75	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	10.740	0.74000	11.275	1.1647	0.20800	20	-0.46	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0912	10.785	0.29000	11.275	1.1647	0.20800	20	-0.42	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	10.800	0.20000	11.275	1.1647	0.20800	20	-0.41	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	11.040	0.10000	11.275	1.1647	0.20800	20	-0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	11.220	0.08000	11.275	1.1647	0.20800	20	-0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	11.250	0.30000	11.275	1.1647	0.20800	20	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	11.290	0.04000	11.275	1.1647	0.20800	20	0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	11.740	0.00000	11.275	1.1647	0.20800	20	0.40	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	11.800	0.40000	11.275	1.1647	0.20800	20	0.45	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	11.900	0.02000	11.275	1.1647	0.20800	20	0.54	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	12.240	0.52000	11.275	1.1647	0.20800	20	0.83	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	12.600	0.20000	11.275	1.1647	0.20800	20	1.14	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	12.650	0.10000	11.275	1.1647	0.20800	20	1.18	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	12.770	0.25000	11.275	1.1647	0.20800	20	1.28	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0106	12.860	0.10000	11.275	1.1647	0.20800	20	1.36	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	11.350	1.3000	11.275	1.1647	0.20800	20	0.06	0%	1
010.03	Moisture, Karl-Fischer (%)	0843	8.9000	0.06000	9.3933	0.43995	0.19333	3	-1.12	3%	0
010.03	Moisture, Karl-Fischer (%)	0164	9.5350	0.17000	9.3933	0.43995	0.19333	3	0.32	1%	0
010.03	Moisture, Karl-Fischer (%)	0208	9.7450	0.35000	9.3933	0.43995	0.19333	3	0.80	2%	0
010.11	Moisture, NIR (%)	0885	10.390	0.08000	52.080	58.959	3.0500	2	-0.71	40%	0
010.11	Moisture, NIR (%)	0889	93.770	6.0200	52.080	58.959	3.0500	2	0.71	40%	0
010.99	Moisture, Miscellaneous (%)	0952	9.6050	0.01000	10.123	0.73186	0.01500	2	-0.71	3%	0
010.99	Moisture, Miscellaneous (%)	0405	10.640	0.02000	10.123	0.73186	0.01500	2	0.71	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.6750	0.01000	10.424	0.18786	0.08102	45	-3.99	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.9700	0.02000	10.424	0.18786	0.08102	45	-2.42	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.040	0.10000	10.424	0.18786	0.08102	45	-2.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.095	0.13000	10.424	0.18786	0.08102	45	-1.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.130	0.06000	10.424	0.18786	0.08102	45	-1.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	10.145	0.19000	10.424	0.18786	0.08102	45	-1.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.156	0.12700	10.424	0.18786	0.08102	45	-1.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.240	0.14000	10.424	0.18786	0.08102	45	-0.98	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	10.276	0.03100	10.424	0.18786	0.08102	45	-0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.285	0.07000	10.424	0.18786	0.08102	45	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.306	0.09760	10.424	0.18786	0.08102	45	-0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.315	0.03000	10.424	0.18786	0.08102	45	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.350	0.10000	10.424	0.18786	0.08102	45	-0.39	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.355	0.03000	10.424	0.18786	0.08102	45	-0.37	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.360	0.02000	10.424	0.18786	0.08102	45	-0.34	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.365	0.09000	10.424	0.18786	0.08102	45	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.375	0.25000	10.424	0.18786	0.08102	45	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.380	0.10000	10.424	0.18786	0.08102	45	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.400	0.28000	10.424	0.18786	0.08102	45	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.400	0.40000	10.424	0.18786	0.08102	45	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.400	0.00000	10.424	0.18786	0.08102	45	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.405	0.01000	10.424	0.18786	0.08102	45	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.410	0.01400	10.424	0.18786	0.08102	45	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.430	0.00000	10.424	0.18786	0.08102	45	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.441	0.02640	10.424	0.18786	0.08102	45	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.460	0.28000	10.424	0.18786	0.08102	45	0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.475	0.03000	10.424	0.18786	0.08102	45	0.27	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.480	0.00000	10.424	0.18786	0.08102	45	0.30	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.490	0.06000	10.424	0.18786	0.08102	45	0.35	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.495	0.05000	10.424	0.18786	0.08102	45	0.38	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.500	0.00000	10.424	0.18786	0.08102	45	0.41	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.510	0.02000	10.424	0.18786	0.08102	45	0.46	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.525	0.01000	10.424	0.18786	0.08102	45	0.54	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.550	0.10000	10.424	0.18786	0.08102	45	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.570	0.00000	10.424	0.18786	0.08102	45	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.580	0.10000	10.424	0.18786	0.08102	45	0.83	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	10.605	0.17000	10.424	0.18786	0.08102	45	0.96	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	10.610	0.02000	10.424	0.18786	0.08102	45	0.99	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	10.655	0.13000	10.424	0.18786	0.08102	45	1.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.720	0.00000	10.424	0.18786	0.08102	45	1.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.730	0.08000	10.424	0.18786	0.08102	45	1.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.745	0.01000	10.424	0.18786	0.08102	45	1.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.900	0.04000	10.424	0.18786	0.08102	45	2.53	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.915	0.13000	10.424	0.18786	0.08102	45	2.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0913	11.035	0.09000	10.424	0.18786	0.08102	45	3.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0008	10.265	0.63000	10.424	0.18786	0.08102	45	-0.85	1%	1
011.02	Loss on drying, 130°C for 2 hours (%)	0942	10.630	0.00000	10.673	0.06010	0.00500	2	-0.71	0%	0
011.02	Loss on drying, 130°C for 2 hours (%)	2023	10.715	0.01000	10.673	0.06010	0.00500	2	0.71	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.4800	0.10000	9.9717	0.42616	0.13667	3	-1.15	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.200	0.20000	9.9717	0.42616	0.13667	3	0.54	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.235	0.11000	9.9717	0.42616	0.13667	3	0.62	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	38.400	0.20000	39.621	0.60840	0.19222	9	-2.01	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	38.550	0.10000	39.621	0.60840	0.19222	9	-1.76	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	39.390	0.46000	39.621	0.60840	0.19222	9	-0.38	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0920	39.415	0.11000	39.621	0.60840	0.19222	9	-0.34	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	39.650	0.00000	39.621	0.60840	0.19222	9	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	39.860	0.26000	39.621	0.60840	0.19222	9	0.39	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	40.000	0.40000	39.621	0.60840	0.19222	9	0.62	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	40.100	0.20000	39.621	0.60840	0.19222	9	0.79	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	42.290	0.00000	39.621	0.60840	0.19222	9	4.39	3%	0
012.01	Starch, Megazyme (%)	0918	34.468	1.4640	35.523	0.91337	1.2880	3	-1.15	1%	0
012.01	Starch, Megazyme (%)	0265	36.050	0.10000	35.523	0.91337	1.2880	3	0.58	1%	0
012.01	Starch, Megazyme (%)	0956	36.050	2.3000	35.523	0.91337	1.2880	3	0.58	1%	0
012.03	Starch, Enzymatic (%)	0885	31.520	0.52000	35.948	3.1853	0.42500	4	-1.39	6%	0
012.03	Starch, Enzymatic (%)	0407	35.920	0.92000	35.948	3.1853	0.42500	4	-0.01	0%	0
012.03	Starch, Enzymatic (%)	0098	37.500	0.20000	35.948	3.1853	0.42500	4	0.49	2%	0
012.03	Starch, Enzymatic (%)	0297	38.850	0.06000	35.948	3.1853	0.42500	4	0.91	4%	0
012.04	Starch, YSI Analyzer (%)	0510	37.300	0.20000	38.985	2.4778	0.45000	3	-0.68	2%	0
012.04	Starch, YSI Analyzer (%)	0353	37.825	0.07000	38.985	2.4778	0.45000	3	-0.47	1%	0
012.04	Starch, YSI Analyzer (%)	0106	41.830	1.0800	38.985	2.4778	0.45000	3	1.15	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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012.11	Starch, NIR (%)	0297	34.550	0.64000	37.175	2.5244	0.61667	3	-1.04	4%	0
012.11	Starch, NIR (%)	0885	37.390	0.56000	37.175	2.5244	0.61667	3	0.09	0%	0
012.11	Starch, NIR (%)	0889	39.585	0.65000	37.175	2.5244	0.61667	3	0.95	3%	0
013.00	Fat, Acid hydrolysis (%)	0297	3.5100	0.02000	4.3190	0.54170	0.08400	10	-1.49	9%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.7250	0.03000	4.3190	0.54170	0.08400	10	-1.10	7%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.0000	0.20000	4.3190	0.54170	0.08400	10	-0.59	4%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.1750	0.25000	4.3190	0.54170	0.08400	10	-0.27	2%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.2000	0.00000	4.3190	0.54170	0.08400	10	-0.22	1%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.4950	0.11000	4.3190	0.54170	0.08400	10	0.32	2%	0
013.00	Fat, Acid hydrolysis (%)	0861	4.5750	0.07000	4.3190	0.54170	0.08400	10	0.47	3%	0
013.00	Fat, Acid hydrolysis (%)	2023	4.7600	0.02000	4.3190	0.54170	0.08400	10	0.81	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	4.8600	0.14000	4.3190	0.54170	0.08400	10	1.00	6%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.8900	0.00000	4.3190	0.54170	0.08400	10	1.05	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.1150	0.11000	4.5941	0.18896	0.21733	15	-2.54	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2058	4.3700	0.18000	4.5941	0.18896	0.21733	15	-1.19	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.4250	0.05000	4.5941	0.18896	0.21733	15	-0.90	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2057	4.4600	0.20000	4.5941	0.18896	0.21733	15	-0.71	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0337	4.5200	0.66000	4.5941	0.18896	0.21733	15	-0.39	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.5600	0.16000	4.5941	0.18896	0.21733	15	-0.18	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.5650	0.07000	4.5941	0.18896	0.21733	15	-0.15	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.5850	0.03000	4.5941	0.18896	0.21733	15	-0.05	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.5950	0.27000	4.5941	0.18896	0.21733	15	0.00	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.6000	0.02000	4.5941	0.18896	0.21733	15	0.03	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.7000	0.12000	4.5941	0.18896	0.21733	15	0.56	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.7250	0.01000	4.5941	0.18896	0.21733	15	0.69	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	4.7700	0.72000	4.5941	0.18896	0.21733	15	0.93	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0008	4.9000	0.28000	4.5941	0.18896	0.21733	15	1.62	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	5.0200	0.38000	4.5941	0.18896	0.21733	15	2.25	5%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.0420	0.05000			0.05000	1			
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	3.1450	0.23000	4.1100	0.40748	0.16514	7	-2.37	12%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	3.8350	0.07000	4.1100	0.40748	0.16514	7	-0.67	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.0650	0.01000	4.1100	0.40748	0.16514	7	-0.11	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	4.0750	0.01000	4.1100	0.40748	0.16514	7	-0.09	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	4.3460	0.27600	4.1100	0.40748	0.16514	7	0.58	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	4.4700	0.28000	4.1100	0.40748	0.16514	7	0.88	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.4800	0.28000	4.1100	0.40748	0.16514	7	0.91	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.2650	0.05000	4.7083	0.39218	0.22333	3	-1.13	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.8500	0.10000	4.7083	0.39218	0.22333	3	0.36	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.0100	0.52000	4.7083	0.39218	0.22333	3	0.77	3%	0
014.99	Fiber, total dietary (TDF), Miscellaneous (%)	2066	14.000	0.60000			0.60000	1			
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	155.12	0.75000	193.48	31.292	3.1080	6	-1.23	10%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	168.00	0.00000	193.48	31.292	3.1080	6	-0.81	7%	0

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015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	191.41	0.92800	193.48	31.292	3.1080	6	-0.07	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	204.50	3.0000	193.48	31.292	3.1080	6	0.35	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	215.75	3.5000	193.48	31.292	3.1080	6	0.71	6%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	226.11	10.470	193.48	31.292	3.1080	6	1.04	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	169.30	20.294	184.73	15.983	6.4657	6	-0.96	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	172.50	1.0000	184.73	15.983	6.4657	6	-0.76	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	180.00	2.0000	184.73	15.983	6.4657	6	-0.30	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	183.50	1.0000	184.73	15.983	6.4657	6	-0.08	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	198.55	1.5000	184.73	15.983	6.4657	6	0.86	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	204.50	13.000	184.73	15.983	6.4657	6	1.24	5%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0912	0.19400	0.00800	115.85	163.56	12.504	2	-0.71	50%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	231.50	25.000	115.85	163.56	12.504	2	0.71	50%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	9.7250	0.39000			0.39000	1			
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	9.1100	0.08000	10.560	1.6273	0.07333	3	-0.89	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.250	0.10000	10.560	1.6273	0.07333	3	-0.19	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	12.320	0.04000	10.560	1.6273	0.07333	3	1.08	8%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	6.0000	0.00000	9.1600	1.8784	0.54800	5	-1.68	17%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	9.2450	1.1500	9.1600	1.8784	0.54800	5	0.05	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.6000	0.40000	9.1600	1.8784	0.54800	5	0.23	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	10.000	0.00000	9.1600	1.8784	0.54800	5	0.45	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.955	1.1900	9.1600	1.8784	0.54800	5	0.96	10%	0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0912	9.7000	0.20000			0.20000	1			
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.1367	0.00040	1.1914	0.02498	0.01565	13	-2.19	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.1400	0.02000	1.1914	0.02498	0.01565	13	-2.06	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.1700	0.06000	1.1914	0.02498	0.01565	13	-0.86	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.1750	0.01000	1.1914	0.02498	0.01565	13	-0.66	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2067	1.1795	0.00100	1.1914	0.02498	0.01565	13	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.1809	0.02510	1.1914	0.02498	0.01565	13	-0.42	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.1945	0.02700	1.1914	0.02498	0.01565	13	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.2050	0.01000	1.1914	0.02498	0.01565	13	0.54	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.2050	0.01000	1.1914	0.02498	0.01565	13	0.54	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.2050	0.01000	1.1914	0.02498	0.01565	13	0.54	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.2100	0.02000	1.1914	0.02498	0.01565	13	0.74	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.2150	0.01000	1.1914	0.02498	0.01565	13	0.94	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.3100	0.00000	1.1914	0.02498	0.01565	13	4.75	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0337	1.0800	0.10000	1.1914	0.02498	0.01565	13	-4.46	5%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.2862	0.00210			0.00210	1			
019.08	Calcium, EDTA (%)	0852	0.72500	0.01000	1.2217	0.05680	0.01256	9	-8.75	20%	0
019.08	Calcium, EDTA (%)	0590	1.1800	0.00000	1.2217	0.05680	0.01256	9	-0.73	2%	0
019.08	Calcium, EDTA (%)	0885	1.1950	0.01000	1.2217	0.05680	0.01256	9	-0.47	1%	0
019.08	Calcium, EDTA (%)	0849	1.2130	0.01400	1.2217	0.05680	0.01256	9	-0.15	0%	0
019.08	Calcium, EDTA (%)	0940	1.2200	0.02000	1.2217	0.05680	0.01256	9	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
019.08	Calcium, EDTA (%)	2063	1.2200	0.02000	1.2217	0.05680	0.01256	9	-0.03	0%	0
019.08	Calcium, EDTA (%)	0138	1.2575	0.00900	1.2217	0.05680	0.01256	9	0.63	1%	0
019.08	Calcium, EDTA (%)	0629	1.2700	0.00000	1.2217	0.05680	0.01256	9	0.85	2%	0
019.08	Calcium, EDTA (%)	0689	1.3350	0.03000	1.2217	0.05680	0.01256	9	1.99	5%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.1775	0.00700			0.00700	1			
019.31	Calcium, AAS, Dry ash (%)	0142	1.0100	0.02000	1.1957	0.02960	0.02428	16	-6.28	8%	0
019.31	Calcium, AAS, Dry ash (%)	0139	1.0850	0.05000	1.1957	0.02960	0.02428	16	-3.74	5%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.1650	0.01000	1.1957	0.02960	0.02428	16	-1.04	1%	0
019.31	Calcium, AAS, Dry ash (%)	0065	1.1693	0.00440	1.1957	0.02960	0.02428	16	-0.89	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1735	0.00000	1.1957	0.02960	0.02428	16	-0.75	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.1840	0.00000	1.1957	0.02960	0.02428	16	-0.40	0%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.1940	0.05400	1.1957	0.02960	0.02428	16	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.2000	0.00000	1.1957	0.02960	0.02428	16	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.2000	0.02000	1.1957	0.02960	0.02428	16	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.2050	0.03000	1.1957	0.02960	0.02428	16	0.31	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.2100	0.02000	1.1957	0.02960	0.02428	16	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.2150	0.03000	1.1957	0.02960	0.02428	16	0.65	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.2200	0.04000	1.1957	0.02960	0.02428	16	0.82	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.2200	0.00000	1.1957	0.02960	0.02428	16	0.82	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.2250	0.03000	1.1957	0.02960	0.02428	16	0.99	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.5300	0.08000	1.1957	0.02960	0.02428	16	11.29	14%	0
019.32	Calcium, AAS, Open vessel (%)	0263	1.2023	0.00350	1.2477	0.02636	0.03150	5	-1.72	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.2510	0.02400	1.2477	0.02636	0.03150	5	0.13	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.2550	0.03000	1.2477	0.02636	0.03150	5	0.28	0%	0
019.32	Calcium, AAS, Open vessel (%)	0013	1.2600	0.10000	1.2477	0.02636	0.03150	5	0.47	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.2700	0.00000	1.2477	0.02636	0.03150	5	0.85	1%	0
019.34	Calcium, AAS, Dry ash (%)	0683	1.0850	0.09000			0.09000	1			
019.41	Calcium, ICP, Dry ash (%)	0553	1.0600	0.02000	1.2327	0.03345	0.02543	31	-5.16	7%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.1440	0.04400	1.2327	0.03345	0.02543	31	-2.65	4%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.1450	0.03000	1.2327	0.03345	0.02543	31	-2.62	4%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.1827	0.05360	1.2327	0.03345	0.02543	31	-1.50	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.2003	0.00180	1.2327	0.03345	0.02543	31	-0.97	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.2050	0.07000	1.2327	0.03345	0.02543	31	-0.83	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.2100	0.08000	1.2327	0.03345	0.02543	31	-0.68	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.2100	0.00000	1.2327	0.03345	0.02543	31	-0.68	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.2150	0.01000	1.2327	0.03345	0.02543	31	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.2180	0.01200	1.2327	0.03345	0.02543	31	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.2200	0.02000	1.2327	0.03345	0.02543	31	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.2250	0.01000	1.2327	0.03345	0.02543	31	-0.23	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.2250	0.05000	1.2327	0.03345	0.02543	31	-0.23	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.2250	0.01000	1.2327	0.03345	0.02543	31	-0.23	0%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.2250	0.01000	1.2327	0.03345	0.02543	31	-0.23	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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019.41	Calcium, ICP, Dry ash (%)	0164	1.2300	0.02000	1.2327	0.03345	0.02543	31	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.2300	0.00000	1.2327	0.03345	0.02543	31	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.2350	0.01000	1.2327	0.03345	0.02543	31	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.2410	0.09400	1.2327	0.03345	0.02543	31	0.25	0%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.2450	0.03000	1.2327	0.03345	0.02543	31	0.37	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.2450	0.01000	1.2327	0.03345	0.02543	31	0.37	0%	0
019.41	Calcium, ICP, Dry ash (%)	2023	1.2450	0.03000	1.2327	0.03345	0.02543	31	0.37	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.2500	0.02000	1.2327	0.03345	0.02543	31	0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.2515	0.00100	1.2327	0.03345	0.02543	31	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.2800	0.06000	1.2327	0.03345	0.02543	31	1.41	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.3000	0.00000	1.2327	0.03345	0.02543	31	2.01	3%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.3000	0.00000	1.2327	0.03345	0.02543	31	2.01	3%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.3100	0.02000	1.2327	0.03345	0.02543	31	2.31	3%	0
019.41	Calcium, ICP, Dry ash (%)	0964	1.3135	0.00300	1.2327	0.03345	0.02543	31	2.41	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.3195	0.00900	1.2327	0.03345	0.02543	31	2.59	4%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.3200	0.06000	1.2327	0.03345	0.02543	31	2.61	4%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.1250	0.01400	1.2456	0.08425	0.03141	16	-1.43	5%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1250	0.01000	1.2456	0.08425	0.03141	16	-1.43	5%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.1600	0.02000	1.2456	0.08425	0.03141	16	-1.02	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.1650	0.05000	1.2456	0.08425	0.03141	16	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.1700	0.02000	1.2456	0.08425	0.03141	16	-0.90	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.2450	0.01000	1.2456	0.08425	0.03141	16	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.2500	0.02000	1.2456	0.08425	0.03141	16	0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2550	0.03000	1.2456	0.08425	0.03141	16	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.2550	0.01000	1.2456	0.08425	0.03141	16	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2730	0.00200	1.2456	0.08425	0.03141	16	0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.2850	0.07000	1.2456	0.08425	0.03141	16	0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.2950	0.09000	1.2456	0.08425	0.03141	16	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.3100	0.02000	1.2456	0.08425	0.03141	16	0.76	3%	0
019.42	Calcium, ICP, Open vessel (%)	0106	1.3150	0.05000	1.2456	0.08425	0.03141	16	0.82	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.3400	0.02000	1.2456	0.08425	0.03141	16	1.12	4%	0
019.42	Calcium, ICP, Open vessel (%)	0160	1.3568	0.06650	1.2456	0.08425	0.03141	16	1.32	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.1550	0.01000	1.2239	0.05922	0.04500	17	-1.16	3%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1625	0.00100	1.2239	0.05922	0.04500	17	-1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.1700	0.12000	1.2239	0.05922	0.04500	17	-0.91	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.1700	0.10000	1.2239	0.05922	0.04500	17	-0.91	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1750	0.01000	1.2239	0.05922	0.04500	17	-0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.1890	0.12800	1.2239	0.05922	0.04500	17	-0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	0199	1.2000	0.00000	1.2239	0.05922	0.04500	17	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0008	1.2200	0.02000	1.2239	0.05922	0.04500	17	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.2270	0.02000	1.2239	0.05922	0.04500	17	0.05	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.2300	0.04000	1.2239	0.05922	0.04500	17	0.10	0%	0

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019.43	Calcium, ICP, Microwave (%)	0036	1.2304	0.00900	1.2239	0.05922	0.04500	17	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.2350	0.09000	1.2239	0.05922	0.04500	17	0.19	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.2475	0.03700	1.2239	0.05922	0.04500	17	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.2600	0.00000	1.2239	0.05922	0.04500	17	0.61	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.3150	0.03000	1.2239	0.05922	0.04500	17	1.54	4%	0
019.43	Calcium, ICP, Microwave (%)	0003	1.3200	0.02000	1.2239	0.05922	0.04500	17	1.62	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.3350	0.13000	1.2239	0.05922	0.04500	17	1.88	5%	0
019.44	Calcium, ICP, Dry ash (%)	0685	1.3000	0.00000			0.00000	1			
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.1391	0.02950			0.02950	1			
019.53	Calcium, ICP-MS, Microwave (%)	0912	1.3050	0.09000			0.09000	1			
019.99	Calcium, Miscellaneous (%)	0852	0.73500	0.01000	0.95182	0.19863	0.01610	3	-1.09	11%	0
019.99	Calcium, Miscellaneous (%)	0889	0.99545	0.00830	0.95182	0.19863	0.01610	3	0.22	2%	0
019.99	Calcium, Miscellaneous (%)	0242	1.1250	0.03000	0.95182	0.19863	0.01610	3	0.87	9%	0
021.00	Cobalt, Color (mg / kg (ppm))	0693	0.79500	0.07000			0.07000	1			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.3000	0.20000	1.8850	0.82731	0.10000	2	-0.71	16%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	2.4700	0.00000	1.8850	0.82731	0.10000	2	0.71	16%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.4600	0.02000			0.02000	1			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.68150	0.03300	1.0860	0.29337	0.07275	4	-1.38	19%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.0950	0.03000	1.0860	0.29337	0.07275	4	0.03	0%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.1935	0.06400	1.0860	0.29337	0.07275	4	0.37	5%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	1.3740	0.16400	1.0860	0.29337	0.07275	4	0.98	13%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0106	1.0000	0.00000			0.00000	1			
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	0.93500	0.03000	1.2630	0.22010	0.04600	5	-1.49	13%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.1500	0.08000	1.2630	0.22010	0.04600	5	-0.51	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.3500	0.04000	1.2630	0.22010	0.04600	5	0.40	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.4000	0.00000	1.2630	0.22010	0.04600	5	0.62	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0003	1.4800	0.08000	1.2630	0.22010	0.04600	5	0.99	9%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.89200	0.08800			0.08800	1			
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.53790	0.02120	0.93198	0.40080	0.20530	4	-0.98	21%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0912	0.64000	0.20000	0.93198	0.40080	0.20530	4	-0.73	16%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.2200	0.34000	0.93198	0.40080	0.20530	4	0.72	15%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	1.3300	0.26000	0.93198	0.40080	0.20530	4	0.99	21%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	117.90	12.400	171.67	11.080	3.5356	9	-4.85	16%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	145.25	0.71000	171.67	11.080	3.5356	9	-2.39	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	146.42	4.1600	171.67	11.080	3.5356	9	-2.28	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	170.00	0.00000	171.67	11.080	3.5356	9	-0.15	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	174.40	0.00000	171.67	11.080	3.5356	9	0.25	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	175.50	5.0000	171.67	11.080	3.5356	9	0.35	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	176.00	2.0000	171.67	11.080	3.5356	9	0.39	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	180.74	6.5500	171.67	11.080	3.5356	9	0.82	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	187.50	1.0000	171.67	11.080	3.5356	9	1.43	5%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	192.50	5.0000	198.20	5.3075	6.6667	3	-1.07	1%	0

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022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	199.10	11.000	198.20	5.3075	6.6667	3	0.17	0%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	203.00	4.0000	198.20	5.3075	6.6667	3	0.90	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	141.00	8.0000	171.83	20.995	6.0325	22	-1.47	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	144.50	3.0000	171.83	20.995	6.0325	22	-1.30	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	148.00	0.00000	171.83	20.995	6.0325	22	-1.14	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	148.86	10.900	171.83	20.995	6.0325	22	-1.09	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	156.45	4.9000	171.83	20.995	6.0325	22	-0.73	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	158.00	12.000	171.83	20.995	6.0325	22	-0.66	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	158.61	5.5900	171.83	20.995	6.0325	22	-0.63	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0553	160.00	0.00000	171.83	20.995	6.0325	22	-0.56	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	164.50	11.000	171.83	20.995	6.0325	22	-0.35	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	165.00	4.0000	171.83	20.995	6.0325	22	-0.33	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	170.00	0.00000	171.83	20.995	6.0325	22	-0.09	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	173.10	3.4000	171.83	20.995	6.0325	22	0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	177.00	8.0000	171.83	20.995	6.0325	22	0.25	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	183.15	1.9000	171.83	20.995	6.0325	22	0.54	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	183.75	7.7000	171.83	20.995	6.0325	22	0.57	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	186.50	13.000	171.83	20.995	6.0325	22	0.70	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	186.95	13.930	171.83	20.995	6.0325	22	0.72	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	187.50	15.000	171.83	20.995	6.0325	22	0.75	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	192.50	1.0000	171.83	20.995	6.0325	22	0.98	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	194.81	0.54500	171.83	20.995	6.0325	22	1.09	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	196.82	6.8500	171.83	20.995	6.0325	22	1.19	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	216.00	2.0000	171.83	20.995	6.0325	22	2.10	13%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	176.00	2.0000	201.70	9.2892	6.1615	13	-2.77	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	190.50	11.000	201.70	9.2892	6.1615	13	-1.21	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	192.50	7.0000	201.70	9.2892	6.1615	13	-0.99	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	195.80	14.600	201.70	9.2892	6.1615	13	-0.63	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	198.00	8.0000	201.70	9.2892	6.1615	13	-0.40	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	201.00	2.0100	201.70	9.2892	6.1615	13	-0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	202.00	2.0000	201.70	9.2892	6.1615	13	0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0160	205.50	11.000	201.70	9.2892	6.1615	13	0.41	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	206.51	13.820	201.70	9.2892	6.1615	13	0.52	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	207.50	3.0000	201.70	9.2892	6.1615	13	0.62	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	208.04	2.1300	201.70	9.2892	6.1615	13	0.68	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	211.63	0.54000	201.70	9.2892	6.1615	13	1.07	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0106	214.50	3.0000	201.70	9.2892	6.1615	13	1.38	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	160.42	3.4300	189.85	8.7665	4.8764	14	-3.36	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	174.50	1.0000	189.85	8.7665	4.8764	14	-1.75	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	174.65	24.380	189.85	8.7665	4.8764	14	-1.73	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	181.08	0.66000	189.85	8.7665	4.8764	14	-1.00	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	183.50	1.0000	189.85	8.7665	4.8764	14	-0.72	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	188.50	3.0000	189.85	8.7665	4.8764	14	-0.15	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	192.00	4.0000	189.85	8.7665	4.8764	14	0.25	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	192.50	1.0000	189.85	8.7665	4.8764	14	0.30	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	192.95	6.1000	189.85	8.7665	4.8764	14	0.35	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	193.70	5.4000	189.85	8.7665	4.8764	14	0.44	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	195.50	1.0000	189.85	8.7665	4.8764	14	0.64	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0003	195.65	10.300	189.85	8.7665	4.8764	14	0.66	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	199.50	3.0000	189.85	8.7665	4.8764	14	1.10	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	203.00	4.0000	189.85	8.7665	4.8764	14	1.50	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0008	197.50	35.000	189.85	8.7665	4.8764	14	0.87	2%	1
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	187.50	4.4000	188.33	1.4434	9.8000	3	-0.58	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	187.50	5.0000	188.33	1.4434	9.8000	3	-0.58	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0912	190.00	20.000	188.33	1.4434	9.8000	3	1.15	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	182.00	8.0000			8.0000	1			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	297.50	15.000	382.02	21.627	8.3489	9	-3.91	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	358.00	10.000	382.02	21.627	8.3489	9	-1.11	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	369.65	5.1000	382.02	21.627	8.3489	9	-0.57	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	381.00	0.00000	382.02	21.627	8.3489	9	-0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	381.53	2.1000	382.02	21.627	8.3489	9	-0.02	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	385.00	2.0000	382.02	21.627	8.3489	9	0.14	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	392.00	6.0000	382.02	21.627	8.3489	9	0.46	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	409.00	16.000	382.02	21.627	8.3489	9	1.25	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	444.65	18.940	382.02	21.627	8.3489	9	2.90	8%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	317.50	15.000	399.69	86.597	8.1367	3	-0.95	10%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	391.45	4.3000	399.69	86.597	8.1367	3	-0.10	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0337	490.11	5.1100	399.69	86.597	8.1367	3	1.04	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	282.50	5.0000	377.79	25.727	8.3433	23	-3.70	13%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	321.50	15.000	377.79	25.727	8.3433	23	-2.19	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	342.50	1.0000	377.79	25.727	8.3433	23	-1.37	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	355.00	8.0000	377.79	25.727	8.3433	23	-0.89	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	357.40	9.8000	377.79	25.727	8.3433	23	-0.79	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	364.50	1.0000	377.79	25.727	8.3433	23	-0.52	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	365.00	2.0000	377.79	25.727	8.3433	23	-0.50	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	365.60	1.8000	377.79	25.727	8.3433	23	-0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	373.63	7.9250	377.79	25.727	8.3433	23	-0.16	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	374.56	10.820	377.79	25.727	8.3433	23	-0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	375.50	1.0000	377.79	25.727	8.3433	23	-0.09	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	376.20	1.8900	377.79	25.727	8.3433	23	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	377.00	20.000	377.79	25.727	8.3433	23	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	377.50	5.0000	377.79	25.727	8.3433	23	-0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	384.30	5.2000	377.79	25.727	8.3433	23	0.25	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	392.35	1.9000	377.79	25.727	8.3433	23	0.57	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	395.00	10.000	377.79	25.727	8.3433	23	0.67	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	395.50	13.000	377.79	25.727	8.3433	23	0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	400.00	8.0000	377.79	25.727	8.3433	23	0.86	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	401.50	7.0000	377.79	25.727	8.3433	23	0.92	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	405.00	10.000	377.79	25.727	8.3433	23	1.06	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	424.85	17.560	377.79	25.727	8.3433	23	1.83	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	470.50	29.000	377.79	25.727	8.3433	23	3.60	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	163.00	2.0000	376.01	34.382	8.4233	12	-6.20	28%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	346.00	0.00000	376.01	34.382	8.4233	12	-0.87	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	353.90	3.0800	376.01	34.382	8.4233	12	-0.64	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	358.10	6.0000	376.01	34.382	8.4233	12	-0.52	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0106	359.00	6.0000	376.01	34.382	8.4233	12	-0.49	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	367.00	24.000	376.01	34.382	8.4233	12	-0.26	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	377.40	1.6000	376.01	34.382	8.4233	12	0.04	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	379.15	0.70000	376.01	34.382	8.4233	12	0.09	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	403.95	2.7000	376.01	34.382	8.4233	12	0.81	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	404.50	9.0000	376.01	34.382	8.4233	12	0.83	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	417.00	34.000	376.01	34.382	8.4233	12	1.19	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	447.00	12.000	376.01	34.382	8.4233	12	2.06	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	293.56	4.2600	365.23	28.801	12.022	15	-2.49	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	327.00	4.0000	365.23	28.801	12.022	15	-1.33	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	339.99	40.570	365.23	28.801	12.022	15	-0.88	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	350.50	15.000	365.23	28.801	12.022	15	-0.51	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	356.00	2.0000	365.23	28.801	12.022	15	-0.32	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	359.65	31.500	365.23	28.801	12.022	15	-0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	360.00	4.0000	365.23	28.801	12.022	15	-0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	360.50	11.000	365.23	28.801	12.022	15	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	361.00	6.0000	365.23	28.801	12.022	15	-0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	369.00	6.0000	365.23	28.801	12.022	15	0.13	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	377.80	8.8000	365.23	28.801	12.022	15	0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0008	398.00	20.000	365.23	28.801	12.022	15	1.14	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	408.00	16.000	365.23	28.801	12.022	15	1.49	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	422.00	8.4000	365.23	28.801	12.022	15	1.97	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0003	495.80	2.8000	365.23	28.801	12.022	15	4.53	18%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	328.45	60.470			60.470	1			
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	338.50	17.000	354.25	22.274	8.5000	2	-0.71	2%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0912	370.00	0.00000	354.25	22.274	8.5000	2	0.71	2%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	360.50	1.0000			1.0000	1			
027.31	Magnesium, AAS, Dry ash (%)	2022	0.18400	0.00200	0.20126	0.00421	0.00283	7	-4.10	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0065	0.19865	0.00110	0.20126	0.00421	0.00283	7	-0.62	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.20000	0.00000	0.20126	0.00421	0.00283	7	-0.30	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.20100	0.00600	0.20126	0.00421	0.00283	7	-0.06	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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027.31	Magnesium, AAS, Dry ash (%)	0868	0.20150	0.00100	0.20126	0.00421	0.00283	7	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0139	0.20565	0.00270	0.20126	0.00421	0.00283	7	1.04	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.20750	0.00700	0.20126	0.00421	0.00283	7	1.48	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.18000	0.02000	0.20126	0.00421	0.00283	7	-5.05	5%	1
027.32	Magnesium, AAS, Open vessel (%)	0609	0.19500	0.01000	0.20891	0.01074	0.00358	4	-1.30	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.20675	0.00110	0.20891	0.01074	0.00358	4	-0.20	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.21390	0.00320	0.20891	0.01074	0.00358	4	0.46	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.22000	0.00000	0.20891	0.01074	0.00358	4	1.03	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.18150	0.00700	0.21114	0.01105	0.00502	22	-2.68	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0300	0.19500	0.00400	0.21114	0.01105	0.00502	22	-1.46	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.19605	0.00370	0.21114	0.01105	0.00502	22	-1.37	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.20000	0.00000	0.21114	0.01105	0.00502	22	-1.01	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.20000	0.00000	0.21114	0.01105	0.00502	22	-1.01	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.20450	0.00100	0.21114	0.01105	0.00502	22	-0.60	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.20500	0.01000	0.21114	0.01105	0.00502	22	-0.56	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.20650	0.00500	0.21114	0.01105	0.00502	22	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.21000	0.00000	0.21114	0.01105	0.00502	22	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.21000	0.00000	0.21114	0.01105	0.00502	22	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.21000	0.02000	0.21114	0.01105	0.00502	22	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.21350	0.00100	0.21114	0.01105	0.00502	22	0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.21375	0.00050	0.21114	0.01105	0.00502	22	0.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.21500	0.01000	0.21114	0.01105	0.00502	22	0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.21500	0.01000	0.21114	0.01105	0.00502	22	0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.21550	0.01300	0.21114	0.01105	0.00502	22	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.21795	0.00030	0.21114	0.01105	0.00502	22	0.62	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2023	0.21900	0.00000	0.21114	0.01105	0.00502	22	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.22350	0.00300	0.21114	0.01105	0.00502	22	1.12	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.22500	0.01000	0.21114	0.01105	0.00502	22	1.25	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.22500	0.01000	0.21114	0.01105	0.00502	22	1.25	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.22800	0.00200	0.21114	0.01105	0.00502	22	1.53	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.19405	0.00610	0.21317	0.01395	0.00660	12	-1.37	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.19500	0.01000	0.21317	0.01395	0.00660	12	-1.30	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.20400	0.00200	0.21317	0.01395	0.00660	12	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.20500	0.01000	0.21317	0.01395	0.00660	12	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.21000	0.00000	0.21317	0.01395	0.00660	12	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.21000	0.00000	0.21317	0.01395	0.00660	12	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.21475	0.01650	0.21317	0.01395	0.00660	12	0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.22000	0.00000	0.21317	0.01395	0.00660	12	0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.22100	0.02000	0.21317	0.01395	0.00660	12	0.56	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.22500	0.01000	0.21317	0.01395	0.00660	12	0.85	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0106	0.22800	0.00200	0.21317	0.01395	0.00660	12	1.06	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.23730	0.00260	0.21317	0.01395	0.00660	12	1.73	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
027.43	Magnesium, ICP, Microwave (%)	0510	0.19000	0.00000	0.20298	0.00998	0.00238	13	-1.30	3%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.19000	0.00000	0.20298	0.00998	0.00238	13	-1.30	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.19200	0.00200	0.20298	0.00998	0.00238	13	-1.10	3%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.19400	0.00600	0.20298	0.00998	0.00238	13	-0.90	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.20000	0.00000	0.20298	0.00998	0.00238	13	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.20000	0.00000	0.20298	0.00998	0.00238	13	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.20450	0.00100	0.20298	0.00998	0.00238	13	0.15	0%	0
027.43	Magnesium, ICP, Microwave (%)	0008	0.20500	0.00000	0.20298	0.00998	0.00238	13	0.20	0%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.20500	0.00200	0.20298	0.00998	0.00238	13	0.20	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.21000	0.00000	0.20298	0.00998	0.00238	13	0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.21000	0.00000	0.20298	0.00998	0.00238	13	0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0003	0.22500	0.01000	0.20298	0.00998	0.00238	13	2.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.22500	0.01000	0.20298	0.00998	0.00238	13	2.21	5%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.19250	0.01900	0.20298	0.00998	0.00238	13	-1.05	3%	1
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.20235	0.00490			0.00490	1			
027.53	Magnesium, ICP-MS, Microwave (%)	0912	0.21500	0.03000			0.03000	1			
027.99	Magnesium, Miscellaneous (%)	0889	0.15650	0.00100	0.17825	0.03076	0.00050	2	-0.71	6%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.20000	0.00000	0.17825	0.03076	0.00050	2	0.71	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	62.200	4.6000	65.146	2.0403	1.4744	9	-1.44	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	63.450	0.30000	65.146	2.0403	1.4744	9	-0.83	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	64.500	1.0000	65.146	2.0403	1.4744	9	-0.32	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	64.700	0.00000	65.146	2.0403	1.4744	9	-0.22	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	64.745	0.11000	65.146	2.0403	1.4744	9	-0.20	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	65.200	1.6000	65.146	2.0403	1.4744	9	0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	66.270	2.3600	65.146	2.0403	1.4744	9	0.55	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	69.150	0.30000	65.146	2.0403	1.4744	9	1.96	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	69.500	3.0000	65.146	2.0403	1.4744	9	2.13	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	70.300	0.40000	77.022	11.242	3.9500	3	-0.60	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	70.765	1.4500	77.022	11.242	3.9500	3	-0.56	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	90.000	10.000	77.022	11.242	3.9500	3	1.15	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	53.015	6.3900	66.617	2.4997	2.7891	23	-5.44	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	58.800	3.0000	66.617	2.4997	2.7891	23	-3.13	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	60.550	3.3000	66.617	2.4997	2.7891	23	-2.43	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	61.045	0.13000	66.617	2.4997	2.7891	23	-2.23	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	62.500	5.0000	66.617	2.4997	2.7891	23	-1.65	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	63.500	1.0000	66.617	2.4997	2.7891	23	-1.25	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	65.000	3.8000	66.617	2.4997	2.7891	23	-0.65	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	65.400	2.8000	66.617	2.4997	2.7891	23	-0.49	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	65.528	0.42500	66.617	2.4997	2.7891	23	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	66.500	7.0000	66.617	2.4997	2.7891	23	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	67.000	0.00000	66.617	2.4997	2.7891	23	0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	67.000	4.0000	66.617	2.4997	2.7891	23	0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	67.500	1.0000	66.617	2.4997	2.7891	23	0.35	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	67.500	1.0000	66.617	2.4997	2.7891	23	0.35	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	67.600	2.8000	66.617	2.4997	2.7891	23	0.39	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	68.220	1.7200	66.617	2.4997	2.7891	23	0.64	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	68.295	0.09000	66.617	2.4997	2.7891	23	0.67	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	68.345	3.4100	66.617	2.4997	2.7891	23	0.69	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	68.400	2.6600	66.617	2.4997	2.7891	23	0.71	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	68.500	1.0000	66.617	2.4997	2.7891	23	0.75	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	69.079	2.6250	66.617	2.4997	2.7891	23	0.98	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	70.000	10.000	66.617	2.4997	2.7891	23	1.35	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	80.500	1.0000	66.617	2.4997	2.7891	23	5.55	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	59.750	1.5000	70.659	4.7156	2.7040	15	-2.31	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	64.500	1.0000	70.659	4.7156	2.7040	15	-1.31	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	66.645	2.8300	70.659	4.7156	2.7040	15	-0.85	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	67.100	6.7400	70.659	4.7156	2.7040	15	-0.75	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	67.900	0.40000	70.659	4.7156	2.7040	15	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	68.980	0.16000	70.659	4.7156	2.7040	15	-0.36	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	69.500	3.0000	70.659	4.7156	2.7040	15	-0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	70.885	4.8700	70.659	4.7156	2.7040	15	0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	72.100	0.60000	70.659	4.7156	2.7040	15	0.31	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	72.445	0.13000	70.659	4.7156	2.7040	15	0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	72.495	0.93000	70.659	4.7156	2.7040	15	0.39	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	73.800	6.6000	70.659	4.7156	2.7040	15	0.67	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0160	74.850	8.7000	70.659	4.7156	2.7040	15	0.89	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	76.920	0.10000	70.659	4.7156	2.7040	15	1.33	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0106	78.000	3.0000	70.659	4.7156	2.7040	15	1.56	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	62.300	2.4000	68.309	4.6072	2.2000	14	-1.30	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	62.600	3.6000	68.309	4.6072	2.2000	14	-1.24	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	64.050	4.4200	68.309	4.6072	2.2000	14	-0.92	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	65.000	0.00000	68.309	4.6072	2.2000	14	-0.72	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	66.100	1.4000	68.309	4.6072	2.2000	14	-0.48	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0008	66.550	0.30000	68.309	4.6072	2.2000	14	-0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	68.000	2.0000	68.309	4.6072	2.2000	14	-0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	69.450	2.5000	68.309	4.6072	2.2000	14	0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	70.000	2.0000	68.309	4.6072	2.2000	14	0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	70.050	1.5600	68.309	4.6072	2.2000	14	0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	70.925	3.0300	68.309	4.6072	2.2000	14	0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	72.000	2.0000	68.309	4.6072	2.2000	14	0.80	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0003	74.080	2.5600	68.309	4.6072	2.2000	14	1.25	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	81.235	3.0300	68.309	4.6072	2.2000	14	2.81	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	62.600	9.9200	68.309	4.6072	2.2000	14	-1.24	4%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	63.100	2.2000			2.2000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0912	65.500	3.0000	65.625	0.17678	1.6500	2	-0.71	0%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	65.750	0.30000	65.625	0.17678	1.6500	2	0.71	0%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	67.500	3.0000			3.0000	1			
031.00	Phosphorus, Vol (%)	0895	0.78000	0.00000			0.00000	1			
031.01	Phosphorus, Photometric (%)	0885	0.70000	0.00000	0.76116	0.02125	0.00787	35	-2.88	4%	0
031.01	Phosphorus, Photometric (%)	0065	0.72125	0.01750	0.76116	0.02125	0.00787	35	-1.88	3%	0
031.01	Phosphorus, Photometric (%)	0016	0.73000	0.00400	0.76116	0.02125	0.00787	35	-1.47	2%	0
031.01	Phosphorus, Photometric (%)	0921	0.73800	0.00000	0.76116	0.02125	0.00787	35	-1.09	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.74000	0.02000	0.76116	0.02125	0.00787	35	-1.00	1%	0
031.01	Phosphorus, Photometric (%)	0723	0.74420	0.00000	0.76116	0.02125	0.00787	35	-0.80	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.74435	0.00910	0.76116	0.02125	0.00787	35	-0.79	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.74500	0.01000	0.76116	0.02125	0.00787	35	-0.76	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.74500	0.01000	0.76116	0.02125	0.00787	35	-0.76	1%	0
031.01	Phosphorus, Photometric (%)	0194	0.75000	0.02000	0.76116	0.02125	0.00787	35	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.75000	0.00000	0.76116	0.02125	0.00787	35	-0.53	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.75100	0.00260	0.76116	0.02125	0.00787	35	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.75200	0.00400	0.76116	0.02125	0.00787	35	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0263	0.75480	0.00640	0.76116	0.02125	0.00787	35	-0.30	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.75500	0.01000	0.76116	0.02125	0.00787	35	-0.29	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.75500	0.01000	0.76116	0.02125	0.00787	35	-0.29	0%	0
031.01	Phosphorus, Photometric (%)	0035	0.75900	0.00000	0.76116	0.02125	0.00787	35	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.75900	0.00800	0.76116	0.02125	0.00787	35	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.76000	0.00000	0.76116	0.02125	0.00787	35	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.76000	0.00400	0.76116	0.02125	0.00787	35	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.76250	0.00500	0.76116	0.02125	0.00787	35	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.76500	0.01000	0.76116	0.02125	0.00787	35	0.18	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.77100	0.00000	0.76116	0.02125	0.00787	35	0.46	1%	0
031.01	Phosphorus, Photometric (%)	0868	0.77250	0.00700	0.76116	0.02125	0.00787	35	0.53	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.77300	0.01200	0.76116	0.02125	0.00787	35	0.56	1%	0
031.01	Phosphorus, Photometric (%)	0066	0.77500	0.01000	0.76116	0.02125	0.00787	35	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.77500	0.01000	0.76116	0.02125	0.00787	35	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.77500	0.01000	0.76116	0.02125	0.00787	35	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.78500	0.01000	0.76116	0.02125	0.00787	35	1.12	2%	0
031.01	Phosphorus, Photometric (%)	2063	0.78500	0.01000	0.76116	0.02125	0.00787	35	1.12	2%	0
031.01	Phosphorus, Photometric (%)	0139	0.79250	0.01300	0.76116	0.02125	0.00787	35	1.47	2%	0
031.01	Phosphorus, Photometric (%)	2067	0.79750	0.00300	0.76116	0.02125	0.00787	35	1.71	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.80500	0.01000	0.76116	0.02125	0.00787	35	2.06	3%	0
031.01	Phosphorus, Photometric (%)	0337	0.84500	0.01000	0.76116	0.02125	0.00787	35	3.95	6%	0
031.01	Phosphorus, Photometric (%)	0940	0.90000	0.02000	0.76116	0.02125	0.00787	35	6.53	9%	0
031.01	Phosphorus, Photometric (%)	0018	0.32650	0.00100	0.76116	0.02125	0.00787	35	-20.46	29%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.76000	0.00000	0.76047	0.00081	0.00013	3	-0.58	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.76000	0.00000	0.76047	0.00081	0.00013	3	-0.58	0%	0

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031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.76140	0.00040	0.76047	0.00081	0.00013	3	1.15	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.73000	0.00000	0.75886	0.02786	0.00073	4	-1.04	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.74000	0.00000	0.75886	0.02786	0.00073	4	-0.68	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.78250	0.00100	0.75886	0.02786	0.00073	4	0.85	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.78295	0.00190	0.75886	0.02786	0.00073	4	0.86	2%	0
031.04	Phosphorus, Emission spectroscopy (%)	0609	0.78000	0.02000			0.02000	1			
031.06	Phosphorus, Hach Method (%)	0138	0.74800	0.01400			0.01400	1			
031.41	Phosphorus, ICP, Dry ash (%)	0553	0.69300	0.02600	0.76761	0.04350	0.02067	29	-1.71	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.71500	0.01000	0.76761	0.04350	0.02067	29	-1.21	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.71650	0.02100	0.76761	0.04350	0.02067	29	-1.17	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.71800	0.00460	0.76761	0.04350	0.02067	29	-1.14	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.72500	0.05000	0.76761	0.04350	0.02067	29	-0.98	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.73000	0.02000	0.76761	0.04350	0.02067	29	-0.86	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.73300	0.00400	0.76761	0.04350	0.02067	29	-0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.73500	0.07000	0.76761	0.04350	0.02067	29	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.73500	0.01000	0.76761	0.04350	0.02067	29	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.75500	0.03000	0.76761	0.04350	0.02067	29	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.75500	0.03000	0.76761	0.04350	0.02067	29	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.75500	0.01000	0.76761	0.04350	0.02067	29	-0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.76000	0.00000	0.76761	0.04350	0.02067	29	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.76500	0.01000	0.76761	0.04350	0.02067	29	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.76500	0.00600	0.76761	0.04350	0.02067	29	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.76500	0.03000	0.76761	0.04350	0.02067	29	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.77275	0.01730	0.76761	0.04350	0.02067	29	0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.77500	0.01000	0.76761	0.04350	0.02067	29	0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.77950	0.02700	0.76761	0.04350	0.02067	29	0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.78000	0.02000	0.76761	0.04350	0.02067	29	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.78500	0.01000	0.76761	0.04350	0.02067	29	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.79355	0.00810	0.76761	0.04350	0.02067	29	0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.80000	0.02000	0.76761	0.04350	0.02067	29	0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	0.81175	0.02010	0.76761	0.04350	0.02067	29	1.01	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.81500	0.01000	0.76761	0.04350	0.02067	29	1.09	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.82300	0.07200	0.76761	0.04350	0.02067	29	1.27	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.83400	0.00340	0.76761	0.04350	0.02067	29	1.53	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.85000	0.02000	0.76761	0.04350	0.02067	29	1.89	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.1650	0.03000	0.76761	0.04350	0.02067	29	9.13	26%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.71000	0.04000	0.75116	0.02804	0.01818	16	-1.47	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.71150	0.00660	0.75116	0.02804	0.01818	16	-1.41	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.73000	0.04000	0.75116	0.02804	0.01818	16	-0.75	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.73500	0.01000	0.75116	0.02804	0.01818	16	-0.58	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.73800	0.03600	0.75116	0.02804	0.01818	16	-0.47	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.74000	0.04000	0.75116	0.02804	0.01818	16	-0.40	1%	0

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031.42	Phosphorus, ICP, Open vessel (%)	0042	0.74300	0.00600	0.75116	0.02804	0.01818	16	-0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.74450	0.00100	0.75116	0.02804	0.01818	16	-0.24	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.75000	0.00000	0.75116	0.02804	0.01818	16	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.75000	0.00000	0.75116	0.02804	0.01818	16	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.76400	0.00600	0.75116	0.02804	0.01818	16	0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.76485	0.00010	0.75116	0.02804	0.01818	16	0.49	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.78250	0.02900	0.75116	0.02804	0.01818	16	1.12	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.79795	0.06610	0.75116	0.02804	0.01818	16	1.67	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.80485	0.00910	0.75116	0.02804	0.01818	16	1.91	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0106	0.87950	0.00100	0.75116	0.02804	0.01818	16	4.58	9%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.71000	0.02000	0.76484	0.04210	0.01875	17	-1.30	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.71950	0.04100	0.76484	0.04210	0.01875	17	-1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.71950	0.02900	0.76484	0.04210	0.01875	17	-1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.72000	0.00000	0.76484	0.04210	0.01875	17	-1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2023	0.73450	0.01300	0.76484	0.04210	0.01875	17	-0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.73500	0.05800	0.76484	0.04210	0.01875	17	-0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.75500	0.03000	0.76484	0.04210	0.01875	17	-0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0003	0.76500	0.01000	0.76484	0.04210	0.01875	17	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.76950	0.00100	0.76484	0.04210	0.01875	17	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0008	0.77050	0.00100	0.76484	0.04210	0.01875	17	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.77200	0.00400	0.76484	0.04210	0.01875	17	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.78485	0.00170	0.76484	0.04210	0.01875	17	0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.79500	0.01000	0.76484	0.04210	0.01875	17	0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.80500	0.01000	0.76484	0.04210	0.01875	17	0.95	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.80700	0.06800	0.76484	0.04210	0.01875	17	1.00	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.81200	0.00200	0.76484	0.04210	0.01875	17	1.12	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.85000	0.02000	0.76484	0.04210	0.01875	17	2.02	6%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.80000	0.00000	0.81250	0.01768	0.05500	2	-0.71	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0912	0.82500	0.11000	0.81250	0.01768	0.05500	2	0.71	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.65000	0.02000	0.70811	0.04442	0.00606	5	-1.31	4%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.67555	0.00030	0.70811	0.04442	0.00606	5	-0.73	2%	0
031.99	Phosphorus, Miscellaneous (%)	0552	0.72500	0.01000	0.70811	0.04442	0.00606	5	0.38	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.73000	0.00000	0.70811	0.04442	0.00606	5	0.49	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.76000	0.00000	0.70811	0.04442	0.00606	5	1.17	4%	0
032.02	Potassium, Flame Emission (%)	0139	0.83050	0.03300			0.03300	1			
032.08	Potassium, Ion-selective electrode (%)	2006	0.68550	0.02100			0.02100	1			
032.31	Potassium, AAS, Dry ash (%)	0142	0.73000	0.00000	0.80415	0.04089	0.00263	8	-1.81	5%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.76500	0.01000	0.80415	0.04089	0.00263	8	-0.96	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.77500	0.01000	0.80415	0.04089	0.00263	8	-0.71	2%	0
032.31	Potassium, AAS, Dry ash (%)	0065	0.80750	0.00100	0.80415	0.04089	0.00263	8	0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.81800	0.00000	0.80415	0.04089	0.00263	8	0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.82000	0.00000	0.80415	0.04089	0.00263	8	0.39	1%	0

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032.31	Potassium, AAS, Dry ash (%)	0038	0.82400	0.00000	0.80415	0.04089	0.00263	8	0.49	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.88000	0.00000	0.80415	0.04089	0.00263	8	1.86	5%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.86450	0.02500	0.80415	0.04089	0.00263	8	1.48	4%	1
032.32	Potassium, AAS, Open vessel (%)	0609	0.82500	0.01000	0.85983	0.03275	0.01480	3	-1.06	2%	0
032.32	Potassium, AAS, Open vessel (%)	0035	0.86450	0.03440	0.85983	0.03275	0.01480	3	0.14	0%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.89000	0.00000	0.85983	0.03275	0.01480	3	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.76500	0.03000	0.82916	0.03214	0.02099	19	-2.00	4%	0
032.41	Potassium, ICP, Dry ash (%)	0300	0.78850	0.00900	0.82916	0.03214	0.02099	19	-1.27	2%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.80000	0.02000	0.82916	0.03214	0.02099	19	-0.91	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.80000	0.04000	0.82916	0.03214	0.02099	19	-0.91	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.80500	0.01000	0.82916	0.03214	0.02099	19	-0.75	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.81330	0.00140	0.82916	0.03214	0.02099	19	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.81500	0.03000	0.82916	0.03214	0.02099	19	-0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.81795	0.01970	0.82916	0.03214	0.02099	19	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.82000	0.02000	0.82916	0.03214	0.02099	19	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.82900	0.00400	0.82916	0.03214	0.02099	19	0.00	0%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.83665	0.04570	0.82916	0.03214	0.02099	19	0.23	0%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.83790	0.02300	0.82916	0.03214	0.02099	19	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.83800	0.01200	0.82916	0.03214	0.02099	19	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.84500	0.03000	0.82916	0.03214	0.02099	19	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.85200	0.00400	0.82916	0.03214	0.02099	19	0.71	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.86000	0.02000	0.82916	0.03214	0.02099	19	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.86000	0.02000	0.82916	0.03214	0.02099	19	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.88000	0.00000	0.82916	0.03214	0.02099	19	1.58	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.95000	0.06000	0.82916	0.03214	0.02099	19	3.76	7%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.77350	0.12100	0.82916	0.03214	0.02099	19	-1.73	3%	1
032.42	Potassium, ICP, Open vessel (%)	0035	0.73695	0.02330	0.82526	0.03357	0.01740	12	-2.63	5%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.76450	0.02700	0.82526	0.03357	0.01740	12	-1.81	4%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.79500	0.01000	0.82526	0.03357	0.01740	12	-0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.80500	0.03000	0.82526	0.03357	0.01740	12	-0.60	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.81500	0.01000	0.82526	0.03357	0.01740	12	-0.31	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.82350	0.01300	0.82526	0.03357	0.01740	12	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.83500	0.01000	0.82526	0.03357	0.01740	12	0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.83650	0.05100	0.82526	0.03357	0.01740	12	0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.83685	0.00050	0.82526	0.03357	0.01740	12	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.84500	0.01000	0.82526	0.03357	0.01740	12	0.59	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.86800	0.00800	0.82526	0.03357	0.01740	12	1.27	3%	0
032.42	Potassium, ICP, Open vessel (%)	0106	0.92600	0.01600	0.82526	0.03357	0.01740	12	3.00	6%	0
032.42	Potassium, ICP, Open vessel (%)	0160	0.88810	0.12220	0.82526	0.03357	0.01740	12	1.87	4%	1
032.43	Potassium, ICP, Microwave (%)	0968	0.70350	0.00100	0.82322	0.05658	0.02321	14	-2.12	7%	0
032.43	Potassium, ICP, Microwave (%)	2023	0.73300	0.02000	0.82322	0.05658	0.02321	14	-1.59	5%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.78700	0.08800	0.82322	0.05658	0.02321	14	-0.64	2%	0

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032.43	Potassium, ICP, Microwave (%)	0675	0.79000	0.00000	0.82322	0.05658	0.02321	14	-0.59	2%	0
032.43	Potassium, ICP, Microwave (%)	0668	0.79300	0.01200	0.82322	0.05658	0.02321	14	-0.53	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.80000	0.04000	0.82322	0.05658	0.02321	14	-0.41	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.83000	0.00200	0.82322	0.05658	0.02321	14	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0008	0.83300	0.00600	0.82322	0.05658	0.02321	14	0.17	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.84100	0.00400	0.82322	0.05658	0.02321	14	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.84500	0.01000	0.82322	0.05658	0.02321	14	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.85300	0.07200	0.82322	0.05658	0.02321	14	0.53	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.88000	0.04000	0.82322	0.05658	0.02321	14	1.00	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.88000	0.02000	0.82322	0.05658	0.02321	14	1.00	3%	0
032.43	Potassium, ICP, Microwave (%)	0003	0.94500	0.01000	0.82322	0.05658	0.02321	14	2.15	7%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.47200	0.77600	0.82322	0.05658	0.02321	14	-6.21	21%	1
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.81105	0.02410			0.02410	1			
032.53	Potassium, ICP-MS, Microwave (%)	0912	0.89500	0.09000	0.94750	0.07425	0.04500	2	-0.71	3%	0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.0000	0.00000	0.94750	0.07425	0.04500	2	0.71	3%	0
032.99	Potassium, Miscellaneous (%)	0889	0.66605	0.00150	0.72553	0.08411	0.00575	2	-0.71	4%	0
032.99	Potassium, Miscellaneous (%)	0242	0.78500	0.01000	0.72553	0.08411	0.00575	2	0.71	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0653	0.45300	0.00000	0.58257	0.05692	0.01222	23	-2.28	11%	0
033.00	Salt as chloride, Soluble Cl (%)	2006	0.47800	0.02400	0.58257	0.05692	0.01222	23	-1.84	9%	0
033.00	Salt as chloride, Soluble Cl (%)	0895	0.50500	0.01000	0.58257	0.05692	0.01222	23	-1.36	7%	0
033.00	Salt as chloride, Soluble Cl (%)	0903	0.50500	0.01000	0.58257	0.05692	0.01222	23	-1.36	7%	0
033.00	Salt as chloride, Soluble Cl (%)	2068	0.50500	0.01000	0.58257	0.05692	0.01222	23	-1.36	7%	0
033.00	Salt as chloride, Soluble Cl (%)	2063	0.52500	0.01000	0.58257	0.05692	0.01222	23	-1.01	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0868	0.55500	0.01000	0.58257	0.05692	0.01222	23	-0.48	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0878	0.56500	0.03000	0.58257	0.05692	0.01222	23	-0.31	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0298	0.57000	0.02000	0.58257	0.05692	0.01222	23	-0.22	1%	0
033.00	Salt as chloride, Soluble Cl (%)	2022	0.57900	0.00000	0.58257	0.05692	0.01222	23	-0.06	0%	0
033.00	Salt as chloride, Soluble Cl (%)	0045	0.58100	0.00000	0.58257	0.05692	0.01222	23	-0.03	0%	0
033.00	Salt as chloride, Soluble Cl (%)	0016	0.59100	0.03200	0.58257	0.05692	0.01222	23	0.15	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0723	0.60000	0.00000	0.58257	0.05692	0.01222	23	0.31	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0910	0.60000	0.02000	0.58257	0.05692	0.01222	23	0.31	1%	0
033.00	Salt as chloride, Soluble Cl (%)	0897	0.60500	0.01000	0.58257	0.05692	0.01222	23	0.39	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0849	0.61150	0.00300	0.58257	0.05692	0.01222	23	0.51	2%	0
033.00	Salt as chloride, Soluble Cl (%)	0675	0.61500	0.01000	0.58257	0.05692	0.01222	23	0.57	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0885	0.62000	0.00000	0.58257	0.05692	0.01222	23	0.66	3%	0
033.00	Salt as chloride, Soluble Cl (%)	0683	0.63000	0.04000	0.58257	0.05692	0.01222	23	0.83	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0955	0.63400	0.00200	0.58257	0.05692	0.01222	23	0.90	4%	0
033.00	Salt as chloride, Soluble Cl (%)	0353	0.64000	0.00000	0.58257	0.05692	0.01222	23	1.01	5%	0
033.00	Salt as chloride, Soluble Cl (%)	0539	0.65500	0.03000	0.58257	0.05692	0.01222	23	1.27	6%	0
033.00	Salt as chloride, Soluble Cl (%)	0921	0.71500	0.01000	0.58257	0.05692	0.01222	23	2.33	11%	0
033.00	Salt as chloride, Soluble Cl (%)	0693	0.64500	0.11000	0.58257	0.05692	0.01222	23	1.10	5%	1
033.01	Salt as chloride, Potentiometric Cl (%)	2053	0.43200	0.01200	0.64980	0.01910	0.00916	27	-11.40	17%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Potentiometric Cl (%)	2006	0.57000	0.03000	0.64980	0.01910	0.00916	27	-4.18	6%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0629	0.61500	0.00000	0.64980	0.01910	0.00916	27	-1.82	3%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0354	0.63000	0.02000	0.64980	0.01910	0.00916	27	-1.04	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0106	0.63200	0.00000	0.64980	0.01910	0.00916	27	-0.93	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	2023	0.63500	0.01000	0.64980	0.01910	0.00916	27	-0.77	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0242	0.64000	0.00000	0.64980	0.01910	0.00916	27	-0.51	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0590	0.64000	0.02000	0.64980	0.01910	0.00916	27	-0.51	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0683	0.64000	0.00000	0.64980	0.01910	0.00916	27	-0.51	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0083	0.64500	0.01000	0.64980	0.01910	0.00916	27	-0.25	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0413	0.64500	0.01000	0.64980	0.01910	0.00916	27	-0.25	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0861	0.64500	0.03000	0.64980	0.01910	0.00916	27	-0.25	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0148	0.64700	0.00200	0.64980	0.01910	0.00916	27	-0.15	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0205	0.64750	0.00700	0.64980	0.01910	0.00916	27	-0.12	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0229	0.65000	0.00000	0.64980	0.01910	0.00916	27	0.01	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0001	0.65500	0.01000	0.64980	0.01910	0.00916	27	0.27	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0011	0.65620	0.00540	0.64980	0.01910	0.00916	27	0.34	0%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0407	0.65750	0.00100	0.64980	0.01910	0.00916	27	0.40	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0164	0.66000	0.00000	0.64980	0.01910	0.00916	27	0.53	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0510	0.66000	0.00000	0.64980	0.01910	0.00916	27	0.53	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0098	0.66500	0.01000	0.64980	0.01910	0.00916	27	0.80	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0194	0.66500	0.01000	0.64980	0.01910	0.00916	27	0.80	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0199	0.66500	0.03000	0.64980	0.01910	0.00916	27	0.80	1%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0650	0.67500	0.03000	0.64980	0.01910	0.00916	27	1.32	2%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0003	0.70000	0.00000	0.64980	0.01910	0.00916	27	2.63	4%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0019	0.77000	0.00000	0.64980	0.01910	0.00916	27	6.29	9%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0674	0.96000	0.00000	0.64980	0.01910	0.00916	27	16.24	24%	0
033.01	Salt as chloride, Potentiometric Cl (%)	0337	0.66500	0.09000	0.64980	0.01910	0.00916	27	0.80	1%	1
033.03	Salt as chloride, Quantab (%)	0265	0.02000	0.00000	0.54770	0.11624	0.04000	6	-4.54	48%	0
033.03	Salt as chloride, Quantab (%)	0848	0.46500	0.03000	0.54770	0.11624	0.04000	6	-0.71	8%	0
033.03	Salt as chloride, Quantab (%)	0144	0.50500	0.13000	0.54770	0.11624	0.04000	6	-0.37	4%	0
033.03	Salt as chloride, Quantab (%)	0190	0.63000	0.02000	0.54770	0.11624	0.04000	6	0.71	8%	0
033.03	Salt as chloride, Quantab (%)	0726	0.63500	0.01000	0.54770	0.11624	0.04000	6	0.75	8%	0
033.03	Salt as chloride, Quantab (%)	0505	0.64500	0.05000	0.54770	0.11624	0.04000	6	0.84	9%	0
033.05	Salt as chloride, Ion-selective electrode (%)	2006	0.57000	0.03000	0.63110	0.04367	0.01460	5	-1.40	5%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0004	0.61500	0.01000	0.63110	0.04367	0.01460	5	-0.37	1%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0689	0.64000	0.00000	0.63110	0.04367	0.01460	5	0.20	1%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0964	0.64050	0.01300	0.63110	0.04367	0.01460	5	0.22	1%	0
033.05	Salt as chloride, Ion-selective electrode (%)	0171	0.69000	0.02000	0.63110	0.04367	0.01460	5	1.35	5%	0
033.99	Salt, Miscellaneous (%)	0017	0.45500	0.01000	0.59170	0.10167	0.02284	5	-1.34	12%	0
033.99	Salt, Miscellaneous (%)	0964	0.51500	0.02720	0.59170	0.10167	0.02284	5	-0.75	6%	0
033.99	Salt, Miscellaneous (%)	0552	0.63500	0.01000	0.59170	0.10167	0.02284	5	0.43	4%	0
033.99	Salt, Miscellaneous (%)	0619	0.66200	0.01200	0.59170	0.10167	0.02284	5	0.69	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	0208	0.69150	0.05500	0.59170	0.10167	0.02284	5	0.98	8%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0038	0.58250	0.01900	0.58725	0.00672	0.03050	2	-0.71	0%	0
034.01	Selenium, Fluorometer (mg / kg (ppm))	0098	0.59200	0.04200	0.58725	0.00672	0.03050	2	0.71	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.46000	0.00000	0.53060	0.05032	0.01360	5	-1.40	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0208	0.50250	0.00300	0.53060	0.05032	0.01360	5	-0.56	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.54500	0.01000	0.53060	0.05032	0.01360	5	0.29	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.55550	0.03500	0.53060	0.05032	0.01360	5	0.49	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.59000	0.02000	0.53060	0.05032	0.01360	5	1.18	6%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0685	0.34000	0.02000	0.42175	0.11561	0.01450	2	-0.71	10%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.50350	0.00900	0.42175	0.11561	0.01450	2	0.71	10%	0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	0.32000	0.00000	1.0750	1.0677	0.03000	2	-0.71	35%	0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0693	1.8300	0.06000	1.0750	1.0677	0.03000	2	0.71	35%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0003	0.38000	0.60000	0.41162	0.04255	0.22130	3	-0.74	4%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.39485	0.06390	0.41162	0.04255	0.22130	3	-0.39	2%	0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0629	0.46000	0.00000	0.41162	0.04255	0.22130	3	1.14	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.62700	0.07200	0.73350	0.15061	0.03600	2	-0.71	7%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.84000	0.00000	0.73350	0.15061	0.03600	2	0.71	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.40000	0.00000	0.62202	0.13734	0.02624	5	-1.62	18%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0912	0.59500	0.03000	0.62202	0.13734	0.02624	5	-0.20	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.65900	0.09000	0.62202	0.13734	0.02624	5	0.27	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	0.70000	0.00000	0.62202	0.13734	0.02624	5	0.57	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.75610	0.01120	0.62202	0.13734	0.02624	5	0.98	11%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.18450	0.01300	0.20317	0.01742	0.00767	3	-1.07	5%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.20600	0.00400	0.20317	0.01742	0.00767	3	0.16	1%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.21900	0.00600	0.20317	0.01742	0.00767	3	0.91	4%	0
035.05	Sodium, Flame Emission (%)	0139	0.20100	0.00400	0.21420	0.01867	0.01640	2	-0.71	3%	0
035.05	Sodium, Flame Emission (%)	0337	0.22740	0.02880	0.21420	0.01867	0.01640	2	0.71	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.18000	0.00000	0.20666	0.00886	0.00288	12	-3.01	6%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.18000	0.00400	0.20666	0.00886	0.00288	12	-3.01	6%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.19500	0.01000	0.20666	0.00886	0.00288	12	-1.32	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.20000	0.00000	0.20666	0.00886	0.00288	12	-0.75	2%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.20660	0.00000	0.20666	0.00886	0.00288	12	-0.01	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.20800	0.00400	0.20666	0.00886	0.00288	12	0.15	0%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.20800	0.00000	0.20666	0.00886	0.00288	12	0.15	0%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.20850	0.00100	0.20666	0.00886	0.00288	12	0.21	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.21000	0.00000	0.20666	0.00886	0.00288	12	0.38	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.21000	0.00000	0.20666	0.00886	0.00288	12	0.38	1%	0
035.31	Sodium, AAS, Dry ash (%)	0065	0.22220	0.00560	0.20666	0.00886	0.00288	12	1.75	4%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.27500	0.01000	0.20666	0.00886	0.00288	12	7.71	17%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.19500	0.01000	0.22094	0.01771	0.00798	4	-1.46	6%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.22650	0.00600	0.22094	0.01771	0.00798	4	0.31	1%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.22725	0.00590	0.22094	0.01771	0.00798	4	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.32	Sodium, AAS, Open vessel (%)	0169	0.23500	0.01000	0.22094	0.01771	0.00798	4	0.79	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.19000	0.02000	0.20917	0.01141	0.00778	23	-1.68	5%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.19550	0.00900	0.20917	0.01141	0.00778	23	-1.20	3%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.19750	0.00100	0.20917	0.01141	0.00778	23	-1.02	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.19810	0.00060	0.20917	0.01141	0.00778	23	-0.97	3%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.20000	0.00000	0.20917	0.01141	0.00778	23	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.20000	0.00000	0.20917	0.01141	0.00778	23	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.20255	0.01070	0.20917	0.01141	0.00778	23	-0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.20500	0.01000	0.20917	0.01141	0.00778	23	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.20500	0.01000	0.20917	0.01141	0.00778	23	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.20500	0.01000	0.20917	0.01141	0.00778	23	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.20550	0.00300	0.20917	0.01141	0.00778	23	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.20650	0.00300	0.20917	0.01141	0.00778	23	-0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.20895	0.01470	0.20917	0.01141	0.00778	23	-0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.21000	0.00000	0.20917	0.01141	0.00778	23	0.07	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.21500	0.01000	0.20917	0.01141	0.00778	23	0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.21500	0.01000	0.20917	0.01141	0.00778	23	0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.21545	0.01690	0.20917	0.01141	0.00778	23	0.55	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.21750	0.00500	0.20917	0.01141	0.00778	23	0.73	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.22000	0.00000	0.20917	0.01141	0.00778	23	0.95	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.22000	0.02000	0.20917	0.01141	0.00778	23	0.95	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.23250	0.00500	0.20917	0.01141	0.00778	23	2.05	6%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.23400	0.00600	0.20917	0.01141	0.00778	23	2.18	6%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.23800	0.01400	0.20917	0.01141	0.00778	23	2.53	7%	0
035.42	Sodium, ICP, Open vessel (%)	0106	0.16800	0.00200	0.20117	0.02161	0.00686	12	-1.53	8%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.16885	0.00970	0.20117	0.02161	0.00686	12	-1.50	8%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.19150	0.01100	0.20117	0.02161	0.00686	12	-0.45	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.19500	0.01000	0.20117	0.02161	0.00686	12	-0.29	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.19500	0.01000	0.20117	0.02161	0.00686	12	-0.29	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.19750	0.00100	0.20117	0.02161	0.00686	12	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.20000	0.00000	0.20117	0.02161	0.00686	12	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.21000	0.00000	0.20117	0.02161	0.00686	12	0.41	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.21350	0.00500	0.20117	0.02161	0.00686	12	0.57	3%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.21770	0.02240	0.20117	0.02161	0.00686	12	0.76	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.22650	0.01100	0.20117	0.02161	0.00686	12	1.17	6%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.24260	0.00020	0.20117	0.02161	0.00686	12	1.92	10%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.18450	0.00300	0.20430	0.01143	0.00717	12	-1.73	5%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.19150	0.01900	0.20430	0.01143	0.00717	12	-1.12	3%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.19500	0.01000	0.20430	0.01143	0.00717	12	-0.81	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.20000	0.00000	0.20430	0.01143	0.00717	12	-0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.20050	0.02500	0.20430	0.01143	0.00717	12	-0.33	1%	0
035.43	Sodium, ICP, Microwave (%)	0008	0.20150	0.00100	0.20430	0.01143	0.00717	12	-0.25	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
035.43	Sodium, ICP, Microwave (%)	0345	0.20700	0.00200	0.20430	0.01143	0.00717	12	0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.20800	0.00200	0.20430	0.01143	0.00717	12	0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.21150	0.00100	0.20430	0.01143	0.00717	12	0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.21500	0.01000	0.20430	0.01143	0.00717	12	0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.21500	0.01000	0.20430	0.01143	0.00717	12	0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.21950	0.00300	0.20430	0.01143	0.00717	12	1.33	4%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.20235	0.00390			0.00390	1			
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.20500	0.01000	0.21000	0.00707	0.02000	2	-0.71	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0912	0.21500	0.03000	0.21000	0.00707	0.02000	2	0.71	1%	0
035.99	Sodium, Miscellaneous (%)	0242	0.20500	0.01000	0.55665	0.49731	0.00900	2	-0.71	32%	0
035.99	Sodium, Miscellaneous (%)	0889	0.90830	0.00800	0.55665	0.49731	0.00900	2	0.71	32%	0
036.04	Sulfur, LECO (%)	0229	0.27500	0.01000	0.28750	0.01768	0.00500	2	-0.71	2%	0
036.04	Sulfur, LECO (%)	0098	0.30000	0.00000	0.28750	0.01768	0.00500	2	0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.26000	0.02000	0.28024	0.01048	0.00778	13	-1.93	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.26000	0.02000	0.28024	0.01048	0.00778	13	-1.93	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.27350	0.00100	0.28024	0.01048	0.00778	13	-0.64	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0106	0.27350	0.00300	0.28024	0.01048	0.00778	13	-0.64	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.27850	0.02100	0.28024	0.01048	0.00778	13	-0.17	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.28000	0.00000	0.28024	0.01048	0.00778	13	-0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.28000	0.00000	0.28024	0.01048	0.00778	13	-0.02	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.28200	0.01600	0.28024	0.01048	0.00778	13	0.17	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.28205	0.00010	0.28024	0.01048	0.00778	13	0.17	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0160	0.28455	0.01510	0.28024	0.01048	0.00778	13	0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.29000	0.00000	0.28024	0.01048	0.00778	13	0.93	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.29350	0.00500	0.28024	0.01048	0.00778	13	1.27	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.30000	0.00000	0.28024	0.01048	0.00778	13	1.89	4%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.24900	0.00200	0.28985	0.01587	0.01130	10	-2.57	7%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.25250	0.03300	0.28985	0.01587	0.01130	10	-2.35	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.28000	0.00000	0.28985	0.01587	0.01130	10	-0.62	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.28900	0.00200	0.28985	0.01587	0.01130	10	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.28900	0.03600	0.28985	0.01587	0.01130	10	-0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.29300	0.00000	0.28985	0.01587	0.01130	10	0.20	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.29500	0.01000	0.28985	0.01587	0.01130	10	0.32	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.30000	0.02000	0.28985	0.01587	0.01130	10	0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.30500	0.01000	0.28985	0.01587	0.01130	10	0.95	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31000	0.00000	0.28985	0.01587	0.01130	10	1.27	3%	0
036.53	Sulfur, ICP-MS, Microwave (%)	0912	0.28500	0.03000			0.03000	1			
036.99	Sulfur, Miscellaneous (%)	0889	0.24335	0.00030	0.26168	0.02592	0.00015	2	-0.71	4%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.28000	0.00000	0.26168	0.02592	0.00015	2	0.71	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	230.90	18.800	264.62	10.177	5.7680	10	-3.31	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	247.50	1.2300	264.62	10.177	5.7680	10	-1.68	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	257.50	3.0000	264.62	10.177	5.7680	10	-0.70	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	264.35	2.5000	264.62	10.177	5.7680	10	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	265.00	2.0000	264.62	10.177	5.7680	10	0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	265.50	3.0000	264.62	10.177	5.7680	10	0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	265.50	3.0000	264.62	10.177	5.7680	10	0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	269.40	0.00000	264.62	10.177	5.7680	10	0.47	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	276.43	7.2600	264.62	10.177	5.7680	10	1.16	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	303.37	16.890	264.62	10.177	5.7680	10	3.81	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	311.50	59.000	264.62	10.177	5.7680	10	4.61	9%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	238.27	1.1000	268.17	19.933	1.8750	4	-1.50	6%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0013	278.00	2.0000	268.17	19.933	1.8750	4	0.49	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	278.00	4.0000	268.17	19.933	1.8750	4	0.49	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	278.40	0.40000	268.17	19.933	1.8750	4	0.51	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	159.50	7.0000	266.57	18.001	6.9718	25	-5.95	20%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	186.00	6.0000	266.57	18.001	6.9718	25	-4.48	15%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0685	216.12	0.13000	266.57	18.001	6.9718	25	-2.80	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	231.50	23.200	266.57	18.001	6.9718	25	-1.95	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	238.25	0.93000	266.57	18.001	6.9718	25	-1.57	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	240.00	2.0000	266.57	18.001	6.9718	25	-1.48	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	251.50	3.0000	266.57	18.001	6.9718	25	-0.84	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	259.59	12.720	266.57	18.001	6.9718	25	-0.39	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	260.80	2.0000	266.57	18.001	6.9718	25	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	263.30	2.0000	266.57	18.001	6.9718	25	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	264.50	15.000	266.57	18.001	6.9718	25	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	265.00	12.000	266.57	18.001	6.9718	25	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	268.50	7.0000	266.57	18.001	6.9718	25	0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	270.00	0.00000	266.57	18.001	6.9718	25	0.19	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	273.00	2.0000	266.57	18.001	6.9718	25	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	274.00	0.00000	266.57	18.001	6.9718	25	0.41	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	276.50	11.000	266.57	18.001	6.9718	25	0.55	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	278.75	2.7000	266.57	18.001	6.9718	25	0.68	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	279.05	7.3000	266.57	18.001	6.9718	25	0.69	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	279.32	1.8550	266.57	18.001	6.9718	25	0.71	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	282.00	2.0000	266.57	18.001	6.9718	25	0.86	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	285.00	12.000	266.57	18.001	6.9718	25	1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	286.37	10.190	266.57	18.001	6.9718	25	1.10	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	288.60	2.2700	266.57	18.001	6.9718	25	1.22	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	292.00	30.000	266.57	18.001	6.9718	25	1.41	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	255.51	45.870	266.57	18.001	6.9718	25	-0.61	2%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	244.00	16.000	272.01	20.217	8.8373	15	-1.39	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	247.89	9.9300	272.01	20.217	8.8373	15	-1.19	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	257.06	1.3100	272.01	20.217	8.8373	15	-0.74	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	258.50	15.000	272.01	20.217	8.8373	15	-0.67	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	259.00	6.0000	272.01	20.217	8.8373	15	-0.64	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	261.37	3.6700	272.01	20.217	8.8373	15	-0.53	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	262.13	1.6500	272.01	20.217	8.8373	15	-0.49	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	273.00	10.000	272.01	20.217	8.8373	15	0.05	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	279.53	1.0000	272.01	20.217	8.8373	15	0.37	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	280.00	20.000	272.01	20.217	8.8373	15	0.40	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	284.00	2.0000	272.01	20.217	8.8373	15	0.59	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	285.35	0.30000	272.01	20.217	8.8373	15	0.66	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0160	288.00	16.000	272.01	20.217	8.8373	15	0.79	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	298.05	24.700	272.01	20.217	8.8373	15	1.29	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0106	315.50	5.0000	272.01	20.217	8.8373	15	2.15	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	318.50	57.000	272.01	20.217	8.8373	15	2.30	9%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	251.30	2.2000	264.94	10.435	12.097	17	-1.31	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	253.25	14.300	264.94	10.435	12.097	17	-1.12	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	253.50	1.0000	264.94	10.435	12.097	17	-1.10	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	257.00	0.00000	264.94	10.435	12.097	17	-0.76	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	258.18	44.260	264.94	10.435	12.097	17	-0.65	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	258.22	3.2500	264.94	10.435	12.097	17	-0.64	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	259.50	13.000	264.94	10.435	12.097	17	-0.52	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	260.50	7.0000	264.94	10.435	12.097	17	-0.43	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	268.00	18.000	264.94	10.435	12.097	17	0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0008	269.00	20.000	264.94	10.435	12.097	17	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	269.00	12.000	264.94	10.435	12.097	17	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	270.50	7.0000	264.94	10.435	12.097	17	0.53	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	270.50	3.0000	264.94	10.435	12.097	17	0.53	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	272.00	6.0000	264.94	10.435	12.097	17	0.68	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0003	272.30	13.640	264.94	10.435	12.097	17	0.71	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	294.00	40.000	264.94	10.435	12.097	17	2.79	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	294.90	1.0000	264.94	10.435	12.097	17	2.87	6%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	184.00	6.0000	222.00	53.740	3.0000	2	-0.71	9%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0912	260.00	0.00000	222.00	53.740	3.0000	2	0.71	9%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	218.00	2.0000	243.25	35.709	9.5000	2	-0.71	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	268.50	17.000	243.25	35.709	9.5000	2	0.71	5%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	1.0235	0.01900			0.01900	1			
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.83000	0.52000			0.52000	1			
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.19500	0.13000	0.85319	0.31062	0.07857	7	-2.12	39%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.61000	0.06000	0.85319	0.31062	0.07857	7	-0.78	14%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.82000	0.04000	0.85319	0.31062	0.07857	7	-0.11	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.84500	0.03000	0.85319	0.31062	0.07857	7	-0.03	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.0000	0.00000	0.85319	0.31062	0.07857	7	0.47	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.0350	0.13000	0.85319	0.31062	0.07857	7	0.59	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0003	1.2400	0.16000	0.85319	0.31062	0.07857	7	1.25	23%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0098	0.72050	0.14700			0.14700	1			
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0912	0.91000	0.02000	1.0157	0.09900	0.05805	4	-1.07	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.95270	0.03220	1.0157	0.09900	0.05805	4	-0.64	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.0950	0.07000	1.0157	0.09900	0.05805	4	0.80	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.1050	0.11000	1.0157	0.09900	0.05805	4	0.90	4%	0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.0062	0.19860			0.19860	1			
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.1600	0.22000			0.22000	1			
042.00	Chloride, Titrimetric (%)	0297	0.35000	0.00000			0.00000	1			
050.01	Carbadox, LC (mg / kg (ppm))	0964	0.00545	0.00050	41.771	23.485	1.5161	5	-1.78	50%	0
050.01	Carbadox, LC (mg / kg (ppm))	2053	47.950	2.5000	41.771	23.485	1.5161	5	0.26	7%	0
050.01	Carbadox, LC (mg / kg (ppm))	0875	52.700	1.2000	41.771	23.485	1.5161	5	0.47	13%	0
050.01	Carbadox, LC (mg / kg (ppm))	0001	53.800	3.4800	41.771	23.485	1.5161	5	0.51	14%	0
050.01	Carbadox, LC (mg / kg (ppm))	0036	54.400	0.40000	41.771	23.485	1.5161	5	0.54	15%	0
057.01	Ethoxyquin, LC (mg / kg (ppm))	0227	7.0000	0.00000			0.00000	1			
057.99	Ethoxyquin, Miscellaneous (mg / kg (ppm))	0875	3.3000	0.40000	3.8599	0.79182	0.26940	2	-0.71	7%	0
057.99	Ethoxyquin, Miscellaneous (mg / kg (ppm))	0008	4.4198	0.13880	3.8599	0.79182	0.26940	2	0.71	7%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0148	2.7700	0.06000			0.06000	1			
077.01	Pyrantel Tartrate, LC (mg / kg (ppm))	2053	99.650	1.5000			1.5000	1			
101.02	Choline Chloride, LC (mg / kg (ppm))	0051	1,181.6	133.30			133.30	1			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	91.700	2.8000			2.8000	1			
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	25.500	1.6000			1.6000	1			
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	5.7800	0.14000	7.8625	2.9451	0.12500	2	-0.71	13%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	9.9450	0.11000	7.8625	2.9451	0.12500	2	0.71	13%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	5.5400	0.30000			0.30000	1			
105.00	Thiamine, LC (mg / kg (ppm))	2023	1.9750	0.05000			0.05000	1			
106.00	Vitamin A, Colorimeter (KU / kg)	0171	2.5000	0.00000			0.00000	1			
106.01	Vitamin A, UV (KU / kg)	0098	1.8800	0.28000	2.9150	1.4637	0.59000	2	-0.71	18%	0
106.01	Vitamin A, UV (KU / kg)	0199	3.9500	0.90000	2.9150	1.4637	0.59000	2	0.71	18%	0
106.02	Vitamin A, LC (KU / kg)	0004	0.83450	0.06300	3.9401	2.6578	0.26658	12	-1.17	39%	0
106.02	Vitamin A, LC (KU / kg)	0675	1.7500	0.10000	3.9401	2.6578	0.26658	12	-0.82	28%	0
106.02	Vitamin A, LC (KU / kg)	0910	1.8600	0.10000	3.9401	2.6578	0.26658	12	-0.78	26%	0
106.02	Vitamin A, LC (KU / kg)	0619	2.0600	0.02000	3.9401	2.6578	0.26658	12	-0.71	24%	0
106.02	Vitamin A, LC (KU / kg)	2023	2.3850	0.59000	3.9401	2.6578	0.26658	12	-0.59	20%	0
106.02	Vitamin A, LC (KU / kg)	0905	3.5745	0.55700	3.9401	2.6578	0.26658	12	-0.14	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	4.3000	0.00000	3.9401	2.6578	0.26658	12	0.14	5%	0
106.02	Vitamin A, LC (KU / kg)	2058	4.4000	0.14000	3.9401	2.6578	0.26658	12	0.17	6%	0
106.02	Vitamin A, LC (KU / kg)	0861	4.4550	0.59000	3.9401	2.6578	0.26658	12	0.19	7%	0
106.02	Vitamin A, LC (KU / kg)	0227	5.8850	0.17000	3.9401	2.6578	0.26658	12	0.73	25%	0
106.02	Vitamin A, LC (KU / kg)	0689	7.8500	0.70000	3.9401	2.6578	0.26658	12	1.47	50%	0
106.02	Vitamin A, LC (KU / kg)	2067	23.487	0.16900	3.9401	2.6578	0.26658	12	7.35	248%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	46.300	0.40000			0.40000	1			
108.01	Vitamin D3, LC, AOAC (KU / kg)	2023	0.43500	0.01000			0.01000	1			

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
108.02	Vitamin D3, LC (KU / kg)	0675	0.77000	0.12000	1.1225	0.49851	0.11500	2	-0.71	16%	0
108.02	Vitamin D3, LC (KU / kg)	0227	1.4750	0.11000	1.1225	0.49851	0.11500	2	0.71	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	44.300	12.800	58.638	8.2360	3.5964	11	-1.74	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0619	44.545	0.00000	58.638	8.2360	3.5964	11	-1.71	12%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	51.690	3.2600	58.638	8.2360	3.5964	11	-0.84	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0199	55.100	6.0000	58.638	8.2360	3.5964	11	-0.43	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	57.600	0.40000	58.638	8.2360	3.5964	11	-0.13	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	59.500	0.00000	58.638	8.2360	3.5964	11	0.10	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	60.500	5.0000	58.638	8.2360	3.5964	11	0.23	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	62.500	1.0000	58.638	8.2360	3.5964	11	0.47	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	64.500	6.4000	58.638	8.2360	3.5964	11	0.71	5%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	66.250	2.7000	58.638	8.2360	3.5964	11	0.92	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2067	76.000	2.0000	58.638	8.2360	3.5964	11	2.11	15%	0
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	2066	5.7000	1.0000			1.0000	1			
113.01	Folic Acid, Microbiological (mg / kg (ppm))	0227	1.6700	0.04000			0.04000	1			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.51500	0.00400			0.00400	1			
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.13000	0.00000	0.88036	0.01635	0.00879	12	-45.88	43%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.79800	0.01800	0.88036	0.01635	0.00879	12	-5.04	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.86950	0.00900	0.88036	0.01635	0.00879	12	-0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.87225	0.01350	0.88036	0.01635	0.00879	12	-0.50	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.87500	0.01000	0.88036	0.01635	0.00879	12	-0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.87650	0.00700	0.88036	0.01635	0.00879	12	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.88700	0.00400	0.88036	0.01635	0.00879	12	0.41	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.88950	0.00700	0.88036	0.01635	0.00879	12	0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.89000	0.02000	0.88036	0.01635	0.00879	12	0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.89450	0.00500	0.88036	0.01635	0.00879	12	0.86	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.89500	0.01000	0.88036	0.01635	0.00879	12	0.89	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.90000	0.00200	0.88036	0.01635	0.00879	12	1.20	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	0.96500	0.05000	0.88036	0.01635	0.00879	12	5.18	5%	1
120.01	Alanine, Pre-col OPA Der (%)	0297	0.81850	0.01500			0.01500	1			
120.02	Alanine, Post-col OPA Der (%)	2023	0.89000	0.00000	0.90893	0.02676	0.00075	2	-0.71	1%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.92785	0.00150	0.90893	0.02676	0.00075	2	0.71	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.90000	0.00200	0.92325	0.03288	0.07050	2	-0.71	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0008	0.94650	0.13900	0.92325	0.03288	0.07050	2	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.97150	0.03300	1.0401	0.03868	0.01233	12	-1.77	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.99000	0.00000	1.0401	0.03868	0.01233	12	-1.29	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.0100	0.02000	1.0401	0.03868	0.01233	12	-0.78	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.0250	0.01000	1.0401	0.03868	0.01233	12	-0.39	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.0365	0.00700	1.0401	0.03868	0.01233	12	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.0395	0.01300	1.0401	0.03868	0.01233	12	-0.02	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0420	0.00400	1.0401	0.03868	0.01233	12	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.0430	0.01200	1.0401	0.03868	0.01233	12	0.08	0%	0



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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0485	0.00900	1.0401	0.03868	0.01233	12	0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.0750	0.01000	1.0401	0.03868	0.01233	12	0.90	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.0900	0.02000	1.0401	0.03868	0.01233	12	1.29	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.1450	0.01000	1.0401	0.03868	0.01233	12	2.71	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0251	0.08990	1.0401	0.03868	0.01233	12	-0.39	1%	1
121.01	Arginine, Pre-col OPA Der (%)	0297	1.0380	0.01400			0.01400	1			
121.02	Arginine, Post-col OPA Der (%)	0098	1.0245	0.01710	1.0522	0.03928	0.00855	2	-0.71	1%	0
121.02	Arginine, Post-col OPA Der (%)	2023	1.0800	0.00000	1.0522	0.03928	0.00855	2	0.71	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.0520	0.02200	1.0655	0.01909	0.04700	2	-0.71	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0008	1.0790	0.07200	1.0655	0.01909	0.04700	2	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.4400	0.02000	1.4652	0.02808	0.01175	12	-0.90	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.4420	0.00200	1.4652	0.02808	0.01175	12	-0.83	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.4425	0.01300	1.4652	0.02808	0.01175	12	-0.81	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.4450	0.01000	1.4652	0.02808	0.01175	12	-0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.4450	0.01000	1.4652	0.02808	0.01175	12	-0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.4615	0.01500	1.4652	0.02808	0.01175	12	-0.13	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.4625	0.00300	1.4652	0.02808	0.01175	12	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.4660	0.00200	1.4652	0.02808	0.01175	12	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.4700	0.02000	1.4652	0.02808	0.01175	12	0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.5040	0.00600	1.4652	0.02808	0.01175	12	1.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.6150	0.03000	1.4652	0.02808	0.01175	12	5.33	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.6250	0.01000	1.4652	0.02808	0.01175	12	5.69	5%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.4660	0.08600	1.4652	0.02808	0.01175	12	0.03	0%	1
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.4135	0.00700			0.00700	1			
122.02	Aspartic, Post-col OPA Der (%)	0098	1.4691	0.00870	1.5045	0.05017	0.00435	2	-0.71	1%	0
122.02	Aspartic, Post-col OPA Der (%)	2023	1.5400	0.00000	1.5045	0.05017	0.00435	2	0.71	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.3825	0.01700	1.4715	0.12587	0.11300	2	-0.71	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0008	1.5605	0.20900	1.4715	0.12587	0.11300	2	0.71	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.32500	0.01000	0.35823	0.02720	0.00715	13	-1.22	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.32800	0.00000	0.35823	0.02720	0.00715	13	-1.11	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.33650	0.00100	0.35823	0.02720	0.00715	13	-0.80	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.34450	0.01900	0.35823	0.02720	0.00715	13	-0.50	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.34500	0.01000	0.35823	0.02720	0.00715	13	-0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.34900	0.00200	0.35823	0.02720	0.00715	13	-0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.35000	0.00000	0.35823	0.02720	0.00715	13	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.35650	0.00500	0.35823	0.02720	0.00715	13	-0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.37000	0.02000	0.35823	0.02720	0.00715	13	0.43	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.37850	0.00100	0.35823	0.02720	0.00715	13	0.75	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.38500	0.01000	0.35823	0.02720	0.00715	13	0.98	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.42850	0.01500	0.35823	0.02720	0.00715	13	2.58	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.48000	0.00000	0.35823	0.02720	0.00715	13	4.48	17%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.32400	0.00800			0.00800	1			

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124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.36965	0.00170	0.37233	0.00378	0.01585	2	-0.71	0%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.37500	0.03000	0.37233	0.00378	0.01585	2	0.71	0%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0008	0.21650	0.01500			0.01500	1			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.9036	0.12880	3.0155	0.07965	0.04629	13	-1.41	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.9350	0.02000	3.0155	0.07965	0.04629	13	-1.01	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.9570	0.02000	3.0155	0.07965	0.04629	13	-0.73	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.9600	0.06000	3.0155	0.07965	0.04629	13	-0.70	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.9850	0.05000	3.0155	0.07965	0.04629	13	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.9850	0.01000	3.0155	0.07965	0.04629	13	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.9865	0.00100	3.0155	0.07965	0.04629	13	-0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.0320	0.00200	3.0155	0.07965	0.04629	13	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.0535	0.05300	3.0155	0.07965	0.04629	13	0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.1750	0.01000	3.0155	0.07965	0.04629	13	2.00	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.1785	0.01700	3.0155	0.07965	0.04629	13	2.05	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.3400	0.10000	3.0155	0.07965	0.04629	13	4.07	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.8450	0.13000	3.0155	0.07965	0.04629	13	10.41	14%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.0580	0.00800			0.00800	1			
125.02	Glutamic, Post-col OPA Der (%)	0098	2.9664	0.01230	3.0457	0.11218	0.01115	2	-0.71	1%	0
125.02	Glutamic, Post-col OPA Der (%)	2023	3.1250	0.01000	3.0457	0.11218	0.01115	2	0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.8375	0.00300	3.0748	0.33552	0.27150	2	-0.71	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0008	3.3120	0.54000	3.0748	0.33552	0.27150	2	0.71	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.79705	0.03790	0.81987	0.02013	0.01361	13	-1.13	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.80000	0.01600	0.81987	0.02013	0.01361	13	-0.99	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.80150	0.01300	0.81987	0.02013	0.01361	13	-0.91	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.81987	0.02013	0.01361	13	-0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.81450	0.02300	0.81987	0.02013	0.01361	13	-0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.81500	0.00200	0.81987	0.02013	0.01361	13	-0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.81650	0.00100	0.81987	0.02013	0.01361	13	-0.17	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.81950	0.00700	0.81987	0.02013	0.01361	13	-0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.82000	0.02000	0.81987	0.02013	0.01361	13	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.83450	0.00700	0.81987	0.02013	0.01361	13	0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.83500	0.01000	0.81987	0.02013	0.01361	13	0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.89000	0.00000	0.81987	0.02013	0.01361	13	3.48	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	0.90500	0.03000	0.81987	0.02013	0.01361	13	4.23	5%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.79800	0.00400			0.00400	1			
126.02	Glycine, Post-col OPA Der (%)	2023	0.82500	0.01000	0.83138	0.00902	0.00585	2	-0.71	0%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.83775	0.00170	0.83138	0.00902	0.00585	2	0.71	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.85850	0.00500	0.88175	0.03288	0.07350	2	-0.71	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0008	0.90500	0.14200	0.88175	0.03288	0.07350	2	0.71	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.41500	0.01000	0.46965	0.01950	0.01062	13	-2.80	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.45000	0.00000	0.46965	0.01950	0.01062	13	-1.01	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.45450	0.00700	0.46965	0.01950	0.01062	13	-0.78	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.45750	0.00300	0.46965	0.01950	0.01062	13	-0.62	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.46000	0.02000	0.46965	0.01950	0.01062	13	-0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.46200	0.03400	0.46965	0.01950	0.01062	13	-0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.47000	0.00600	0.46965	0.01950	0.01062	13	0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.47250	0.00300	0.46965	0.01950	0.01062	13	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.47750	0.00500	0.46965	0.01950	0.01062	13	0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.48150	0.00100	0.46965	0.01950	0.01062	13	0.61	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.48500	0.03000	0.46965	0.01950	0.01062	13	0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.49500	0.01000	0.46965	0.01950	0.01062	13	1.30	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.50450	0.00900	0.46965	0.01950	0.01062	13	1.79	4%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.35800	0.01000			0.01000	1			
127.02	Histidine, Post-col OPA Der (%)	2023	0.38000	0.00000	0.42403	0.06226	0.00205	2	-0.71	5%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.46805	0.00410	0.42403	0.06226	0.00205	2	0.71	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.46150	0.01100	0.48750	0.03677	0.04000	2	-0.71	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0008	0.51350	0.06900	0.48750	0.03677	0.04000	2	0.71	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.67500	0.01000	0.69631	0.01756	0.00720	12	-1.21	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.67500	0.01000	0.69631	0.01756	0.00720	12	-1.21	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.68330	0.01740	0.69631	0.01756	0.00720	12	-0.74	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.68700	0.00000	0.69631	0.01756	0.00720	12	-0.53	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.69100	0.00600	0.69631	0.01756	0.00720	12	-0.30	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.69600	0.00800	0.69631	0.01756	0.00720	12	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.69650	0.00300	0.69631	0.01756	0.00720	12	0.01	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.69700	0.00200	0.69631	0.01756	0.00720	12	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.70300	0.01000	0.69631	0.01756	0.00720	12	0.38	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.71000	0.00000	0.69631	0.01756	0.00720	12	0.78	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.72500	0.01000	0.69631	0.01756	0.00720	12	1.63	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.76500	0.01000	0.69631	0.01756	0.00720	12	3.91	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.69300	0.03600	0.69631	0.01756	0.00720	12	-0.19	0%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.72350	0.00900			0.00900	1			
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.67000	0.00000	0.68890	0.02673	0.00210	2	-0.71	1%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.70780	0.00420	0.68890	0.02673	0.00210	2	0.71	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.71500	0.00000	0.71775	0.00389	0.00750	2	-0.71	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0008	0.72050	0.01500	0.71775	0.00389	0.00750	2	0.71	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.3095	0.03500	1.4023	0.03381	0.01592	13	-2.74	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.3680	0.01200	1.4023	0.03381	0.01592	13	-1.01	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.3750	0.01000	1.4023	0.03381	0.01592	13	-0.81	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.3800	0.02000	1.4023	0.03381	0.01592	13	-0.66	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.3950	0.01000	1.4023	0.03381	0.01592	13	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.3960	0.01200	1.4023	0.03381	0.01592	13	-0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.4005	0.02500	1.4023	0.03381	0.01592	13	-0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.4025	0.00100	1.4023	0.03381	0.01592	13	0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.4030	0.00000	1.4023	0.03381	0.01592	13	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.4180	0.01200	1.4023	0.03381	0.01592	13	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.4450	0.01000	1.4023	0.03381	0.01592	13	1.26	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.4800	0.02000	1.4023	0.03381	0.01592	13	2.30	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.5400	0.04000	1.4023	0.03381	0.01592	13	4.07	5%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3790	0.01000			0.01000	1			
129.02	Leucine, Post-col OPA Der (%)	0098	1.4443	0.00800	1.4572	0.01817	0.00400	2	-0.71	0%	0
129.02	Leucine, Post-col OPA Der (%)	2023	1.4700	0.00000	1.4572	0.01817	0.00400	2	0.71	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4345	0.00100	1.4793	0.06329	0.10750	2	-0.71	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0008	1.5240	0.21400	1.4793	0.06329	0.10750	2	0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.94510	0.05180	0.98914	0.03559	0.01942	17	-1.24	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.95000	0.02000	0.98914	0.03559	0.01942	17	-1.10	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.95635	0.00930	0.98914	0.03559	0.01942	17	-0.92	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	0.95800	0.00600	0.98914	0.03559	0.01942	17	-0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.96600	0.03800	0.98914	0.03559	0.01942	17	-0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	0.96900	0.00000	0.98914	0.03559	0.01942	17	-0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.97450	0.00700	0.98914	0.03559	0.01942	17	-0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.97500	0.01000	0.98914	0.03559	0.01942	17	-0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.97500	0.01000	0.98914	0.03559	0.01942	17	-0.40	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.98850	0.00700	0.98914	0.03559	0.01942	17	-0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.0050	0.07000	0.98914	0.03559	0.01942	17	0.45	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.0055	0.01100	0.98914	0.03559	0.01942	17	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.0250	0.01000	0.98914	0.03559	0.01942	17	1.01	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.0350	0.01000	0.98914	0.03559	0.01942	17	1.29	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.0600	0.04000	0.98914	0.03559	0.01942	17	1.99	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.0650	0.03000	0.98914	0.03559	0.01942	17	2.13	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	1.0800	0.00000	0.98914	0.03559	0.01942	17	2.55	5%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.96550	0.00900	1.0358	0.09935	0.00650	2	-0.71	3%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0035	1.1060	0.00400	1.0358	0.09935	0.00650	2	0.71	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.0250	0.01000	1.0298	0.00675	0.00965	2	-0.71	0%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0346	0.00930	1.0298	0.00675	0.00965	2	0.71	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.98500	0.00200	0.99913	0.01681	0.03075	4	-0.84	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.99300	0.00000	0.99913	0.01681	0.03075	4	-0.36	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.99500	0.01000	0.99913	0.01681	0.03075	4	-0.25	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0008	1.0235	0.11100	0.99913	0.01681	0.03075	4	1.45	1%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.0850	0.05000			0.05000	1			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.30160	0.00920	0.32731	0.00978	0.00478	13	-2.63	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.31850	0.00300	0.32731	0.00978	0.00478	13	-0.90	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.32000	0.00000	0.32731	0.00978	0.00478	13	-0.75	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.32050	0.00500	0.32731	0.00978	0.00478	13	-0.70	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.32200	0.00200	0.32731	0.00978	0.00478	13	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.32450	0.01100	0.32731	0.00978	0.00478	13	-0.29	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.32500	0.01000	0.32731	0.00978	0.00478	13	-0.24	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.33000	0.00000	0.32731	0.00978	0.00478	13	0.27	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.33200	0.01000	0.32731	0.00978	0.00478	13	0.48	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.33500	0.01000	0.32731	0.00978	0.00478	13	0.79	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.33600	0.00200	0.32731	0.00978	0.00478	13	0.89	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.36000	0.00000	0.32731	0.00978	0.00478	13	3.34	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.36400	0.00000	0.32731	0.00978	0.00478	13	3.75	6%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.34450	0.00300			0.00300	1			
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.30500	0.01000	0.31768	0.01793	0.00705	2	-0.71	2%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.33035	0.00410	0.31768	0.01793	0.00705	2	0.71	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.33500	0.00400			0.00400	1			
131.99	Methionine, Miscellaneous (%)	0008	0.25950	0.04900			0.04900	1			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.66600	0.00400	0.75888	0.03268	0.00569	13	-2.84	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.70250	0.00900	0.75888	0.03268	0.00569	13	-1.73	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.72500	0.01000	0.75888	0.03268	0.00569	13	-1.04	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.74000	0.00000	0.75888	0.03268	0.00569	13	-0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.75450	0.01300	0.75888	0.03268	0.00569	13	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.75650	0.00500	0.75888	0.03268	0.00569	13	-0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.75850	0.00100	0.75888	0.03268	0.00569	13	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.76200	0.01600	0.75888	0.03268	0.00569	13	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.76300	0.00200	0.75888	0.03268	0.00569	13	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.77700	0.00400	0.75888	0.03268	0.00569	13	0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.79500	0.01000	0.75888	0.03268	0.00569	13	1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.80000	0.00000	0.75888	0.03268	0.00569	13	1.26	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.83000	0.00000	0.75888	0.03268	0.00569	13	2.18	5%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.78900	0.00000			0.00000	1			
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.75580	0.00380	0.77290	0.02418	0.00190	2	-0.71	1%	0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	0.79000	0.00000	0.77290	0.02418	0.00190	2	0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.78200	0.03000	0.80025	0.02581	0.05650	2	-0.71	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0008	0.81850	0.08300	0.80025	0.02581	0.05650	2	0.71	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.98500	0.01000	1.1016	0.03527	0.01064	11	-3.31	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.0405	0.01700	1.1016	0.03527	0.01064	11	-1.73	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0700	0.00600	1.1016	0.03527	0.01064	11	-0.90	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.0850	0.01000	1.1016	0.03527	0.01064	11	-0.47	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0985	0.00100	1.1016	0.03527	0.01064	11	-0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1050	0.00400	1.1016	0.03527	0.01064	11	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1105	0.03100	1.1016	0.03527	0.01064	11	0.25	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.1140	0.00800	1.1016	0.03527	0.01064	11	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.1150	0.01000	1.1016	0.03527	0.01064	11	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.2000	0.00000	1.1016	0.03527	0.01064	11	2.79	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.2400	0.02000	1.1016	0.03527	0.01064	11	3.92	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1465	0.11100	1.1016	0.03527	0.01064	11	1.27	2%	1
133.05	Proline, Pre-col AQC Der (%)	0626	1.1945	0.00100	1.2020	0.01061	0.10000	2	-0.71	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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133.05	Proline, Pre-col AQC Der (%)	0008	1.2095	0.19900	1.2020	0.01061	0.10000	2	0.71	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.73500	0.03000	0.78988	0.03329	0.01358	12	-1.65	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.76500	0.00800	0.78988	0.03329	0.01358	12	-0.75	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.76500	0.00200	0.78988	0.03329	0.01358	12	-0.75	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.76700	0.00400	0.78988	0.03329	0.01358	12	-0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.77600	0.03600	0.78988	0.03329	0.01358	12	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.78350	0.01500	0.78988	0.03329	0.01358	12	-0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.79100	0.00600	0.78988	0.03329	0.01358	12	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.80200	0.00200	0.78988	0.03329	0.01358	12	0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.80500	0.01000	0.78988	0.03329	0.01358	12	0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.81500	0.01000	0.78988	0.03329	0.01358	12	0.75	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.85000	0.02000	0.78988	0.03329	0.01358	12	1.81	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.88000	0.02000	0.78988	0.03329	0.01358	12	2.71	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.59295	0.09790	0.78988	0.03329	0.01358	12	-5.92	12%	1
134.01	Serine, Pre-col OPA Der (%)	0297	0.80850	0.00300			0.00300	1			
134.02	Serine, Post-col OPA Der (%)	0098	0.71155	0.01310	0.78328	0.10143	0.01155	2	-0.71	5%	0
134.02	Serine, Post-col OPA Der (%)	2023	0.85500	0.01000	0.78328	0.10143	0.01155	2	0.71	5%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.82000	0.00000	0.85325	0.04702	0.10850	2	-0.71	2%	0
134.05	Serine, Pre-col AQC Der (%)	0008	0.88650	0.21700	0.85325	0.04702	0.10850	2	0.71	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.66640	0.03720	0.71562	0.02514	0.01517	13	-1.96	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.67700	0.01800	0.71562	0.02514	0.01517	13	-1.54	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.69350	0.00100	0.71562	0.02514	0.01517	13	-0.88	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.70500	0.00400	0.71562	0.02514	0.01517	13	-0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.70600	0.01000	0.71562	0.02514	0.01517	13	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.71150	0.00700	0.71562	0.02514	0.01517	13	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.71500	0.01000	0.71562	0.02514	0.01517	13	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.72000	0.02000	0.71562	0.02514	0.01517	13	0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.72700	0.00200	0.71562	0.02514	0.01517	13	0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.73000	0.01800	0.71562	0.02514	0.01517	13	0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.73500	0.01000	0.71562	0.02514	0.01517	13	0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.75500	0.01000	0.71562	0.02514	0.01517	13	1.57	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.81500	0.05000	0.71562	0.02514	0.01517	13	3.95	7%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.69400	0.00400			0.00400	1			
135.02	Threonine, Post-col OPA Der (%)	0098	0.71500	0.00780	0.73500	0.02828	0.00890	2	-0.71	1%	0
135.02	Threonine, Post-col OPA Der (%)	2023	0.75500	0.01000	0.73500	0.02828	0.00890	2	0.71	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.72250	0.00100	0.75125	0.04066	0.08050	2	-0.71	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0008	0.78000	0.16000	0.75125	0.04066	0.08050	2	0.71	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0918	0.11110	0.00000	0.20037	0.07731	0.00800	3	-1.15	22%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0227	0.24500	0.01000	0.20037	0.07731	0.00800	3	0.58	11%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhydrin (%)	0684	0.24500	0.01400	0.20037	0.07731	0.00800	3	0.58	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.20050	0.00500	0.21425	0.01102	0.00450	4	-1.25	3%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0008	0.21050	0.00500	0.21425	0.01102	0.00450	4	-0.34	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.22100	0.00600	0.21425	0.01102	0.00450	4	0.61	2%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.22500	0.00200	0.21425	0.01102	0.00450	4	0.98	3%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	2023	0.18000	0.00000	0.20000	0.02828	0.00500	2	-0.71	5%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA Der (%)	0098	0.22000	0.01000	0.20000	0.02828	0.00500	2	0.71	5%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.20650	0.00300	0.21467	0.00852	0.00200	3	-0.96	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.21400	0.00200	0.21467	0.00852	0.00200	3	-0.08	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.22350	0.00100	0.21467	0.00852	0.00200	3	1.04	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.38535	0.01870	0.53917	0.02118	0.00930	9	-7.26	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.47500	0.01000	0.53917	0.02118	0.00930	9	-3.03	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.53500	0.01000	0.53917	0.02118	0.00930	9	-0.20	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.53600	0.00800	0.53917	0.02118	0.00930	9	-0.15	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.53750	0.00100	0.53917	0.02118	0.00930	9	-0.08	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.54500	0.01200	0.53917	0.02118	0.00930	9	0.28	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.54900	0.00400	0.53917	0.02118	0.00930	9	0.46	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.56500	0.01000	0.53917	0.02118	0.00930	9	1.22	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.90500	0.01000	0.53917	0.02118	0.00930	9	17.28	34%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.55500	0.02800			0.02800	1			
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.45500	0.01000	0.48155	0.03755	0.01290	2	-0.71	3%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.50810	0.01580	0.48155	0.03755	0.01290	2	0.71	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0008	0.44250	0.09500	0.48550	0.06081	0.06300	2	-0.71	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.52850	0.03100	0.48550	0.06081	0.06300	2	0.71	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.80800	0.01000	0.85604	0.01993	0.00762	12	-2.41	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.83500	0.01000	0.85604	0.01993	0.00762	12	-1.06	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.84050	0.01100	0.85604	0.01993	0.00762	12	-0.78	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.84350	0.00900	0.85604	0.01993	0.00762	12	-0.63	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.85000	0.00000	0.85604	0.01993	0.00762	12	-0.30	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.85400	0.00000	0.85604	0.01993	0.00762	12	-0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.85950	0.00500	0.85604	0.01993	0.00762	12	0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.86180	0.01640	0.85604	0.01993	0.00762	12	0.29	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.87000	0.02000	0.85604	0.01993	0.00762	12	0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.87000	0.00000	0.85604	0.01993	0.00762	12	0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.87500	0.01000	0.85604	0.01993	0.00762	12	0.95	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.99000	0.00000	0.85604	0.01993	0.00762	12	6.72	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.78000	0.05600	0.85604	0.01993	0.00762	12	-3.82	4%	1
138.01	Valine, Pre-col OPA Der (%)	0297	0.93450	0.01100			0.01100	1			
138.02	Valine, Post-col OPA Der (%)	2023	0.83500	0.01000	0.86198	0.03815	0.01185	2	-0.71	2%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.88895	0.01370	0.86198	0.03815	0.01185	2	0.71	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.88050	0.00500	0.90925	0.04066	0.01350	2	-0.71	2%	0
138.05	Valine, Pre-col AQC Der (%)	0008	0.93800	0.02200	0.90925	0.04066	0.01350	2	0.71	2%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.16500	0.01000			0.01000	1			
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0
139.02	Taurine, Post-col OPA Der (%)	2023	0.00000	0.00000	0.00000	0.00000	0.00000	2	0.00		0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
143.00	Lysine Available, LC (%)	0685	1.1700	0.00000			0.00000	1			
160.99	Fructose, Miscellaneous (%)	0297	0.08550	0.00500	0.12683	0.05557	0.00500	3	-0.74	16%	0
160.99	Fructose, Miscellaneous (%)	0148	0.10500	0.01000	0.12683	0.05557	0.00500	3	-0.39	9%	0
160.99	Fructose, Miscellaneous (%)	0227	0.19000	0.00000	0.12683	0.05557	0.00500	3	1.14	25%	0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	1			
162.99	Glucose, Miscellaneous (%)	0148	0.07500	0.03000	0.45325	0.44141	0.03050	4	-0.86	42%	0
162.99	Glucose, Miscellaneous (%)	0297	0.28800	0.05200	0.45325	0.44141	0.03050	4	-0.37	18%	0
162.99	Glucose, Miscellaneous (%)	0227	0.36000	0.04000	0.45325	0.44141	0.03050	4	-0.21	10%	0
162.99	Glucose, Miscellaneous (%)	0629	1.0900	0.00000	0.45325	0.44141	0.03050	4	1.44	70%	0
163.99	Lactose, Miscellaneous (%)	0629	2.3100	0.00000	3.1330	0.65314	0.11080	5	-1.26	13%	0
163.99	Lactose, Miscellaneous (%)	0199	2.6000	0.40000	3.1330	0.65314	0.11080	5	-0.82	9%	0
163.99	Lactose, Miscellaneous (%)	0227	3.3050	0.03000	3.1330	0.65314	0.11080	5	0.26	3%	0
163.99	Lactose, Miscellaneous (%)	0297	3.6400	0.10400	3.1330	0.65314	0.11080	5	0.78	8%	0
163.99	Lactose, Miscellaneous (%)	0148	3.8100	0.02000	3.1330	0.65314	0.11080	5	1.04	11%	0
164.99	Maltose, Miscellaneous (%)	0148	0.05500	0.01000	0.42738	0.40764	0.03975	4	-0.91	44%	0
164.99	Maltose, Miscellaneous (%)	0227	0.22000	0.06000	0.42738	0.40764	0.03975	4	-0.51	24%	0
164.99	Maltose, Miscellaneous (%)	0297	0.44450	0.08900	0.42738	0.40764	0.03975	4	0.04	2%	0
164.99	Maltose, Miscellaneous (%)	0629	0.99000	0.00000	0.42738	0.40764	0.03975	4	1.38	66%	0
165.99	Sucrose, Miscellaneous (%)	0199	2.1000	0.40000	2.4390	0.23715	0.11600	4	-1.43	7%	0
165.99	Sucrose, Miscellaneous (%)	0629	2.4700	0.00000	2.4390	0.23715	0.11600	4	0.13	1%	0
165.99	Sucrose, Miscellaneous (%)	0297	2.5410	0.05400	2.4390	0.23715	0.11600	4	0.43	2%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.6450	0.01000	2.4390	0.23715	0.11600	4	0.87	4%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.28350	0.02500			0.02500	1			
167.99	Stachyose, Miscellaneous (%)	0297	0.72200	0.04200			0.04200	1			
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.51000	0.00000	0.51475	0.00672	0.00150	2	-0.71	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.51950	0.00300	0.51475	0.00672	0.00150	2	0.71	0%	0
400.99	Water activity, Miscellaneous (Units)	0552	0.53775	0.00410			0.00410	1			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.28000	0.04000			0.04000	1			
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.53305	0.00650	0.58653	0.07563	0.04325	2	-0.71	5%	0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0003	0.64000	0.08000	0.58653	0.07563	0.04325	2	0.71	5%	0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.24150	0.03900			0.03900	1			
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.17000	0.02000	0.21488	0.04933	0.01875	4	-0.91	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0912	0.17500	0.01600	0.21488	0.04933	0.01875	4	-0.81	9%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.25000	0.02000	0.21488	0.04933	0.01875	4	0.71	8%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.26450	0.01900	0.21488	0.04933	0.01875	4	1.01	12%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.03700	0.00200	0.07458	0.03322	0.00217	3	-1.13	25%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.08675	0.00450	0.07458	0.03322	0.00217	3	0.37	8%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.10000	0.00000	0.07458	0.03322	0.00217	3	0.77	17%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.09935	0.01070	0.09968	0.00046	0.02535	2	-0.71	0%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0003	0.10000	0.04000	0.09968	0.00046	0.02535	2	0.71	0%	0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.11350	0.00500			0.00500	1			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.06500	0.01000	0.09005	0.01831	0.00490	4	-1.37	14%	0



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			Value	Range	Rob Mean	Rob SD	R-bar	# Labs			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.09250	0.00500	0.09005	0.01831	0.00490	4	0.13	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0912	0.09370	0.00260	0.09005	0.01831	0.00490	4	0.20	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10900	0.00200	0.09005	0.01831	0.00490	4	1.03	11%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	3.7820	0.38500	3.8260	0.06223	0.39250	2	-0.71	1%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.8700	0.40000	3.8260	0.06223	0.39250	2	0.71	1%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	5.7410	1.0860	6.8203	0.98169	1.2020	3	-1.10	8%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	7.0600	0.24000	6.8203	0.98169	1.2020	3	0.24	2%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0003	7.6600	2.2800	6.8203	0.98169	1.2020	3	0.86	6%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0912	2.0665	0.43900	3.1983	1.6005	0.30950	2	-0.71	18%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	4.3300	0.18000	3.1983	1.6005	0.30950	2	0.71	18%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	5.1950	0.05000			0.05000	1			
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.08090	0.00000			0.00000	1			
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.00000	0.00000			0.00000	1			
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.11080	0.05040	0.14540	0.04893	0.12520	2	-0.71	12%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0003	0.18000	0.20000	0.14540	0.04893	0.12520	2	0.71	12%	0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0098	0.18200	0.01400			0.01400	1			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0912	0.17500	0.01400	0.18167	0.00764	0.01800	3	-0.87	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.18000	0.02000	0.18167	0.00764	0.01800	3	-0.22	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.19000	0.02000	0.18167	0.00764	0.01800	3	1.09	2%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	19.000	4.0000			4.0000	1			
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.0425	0.03900			0.03900	1			
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	2.4495	0.01700	3.2248	1.0964	0.32850	2	-0.71	12%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0003	4.0000	0.64000	3.2248	1.0964	0.32850	2	0.71	12%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0912	1.2715	0.17700	1.8672	0.53585	0.34567	3	-1.11	16%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.0200	0.72000	1.8672	0.53585	0.34567	3	0.29	4%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	2.3100	0.14000	1.8672	0.53585	0.34567	3	0.83	12%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0689	0.00000	0.00000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0028	1.1000	0.20000							
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg	0723	1.5000	0.00000							
600.03	Total Aflatoxin, Charm ROSA Fast Aflatoxin Quan	0589	1.5000	1.0000							
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							
601.92	AB1, r-Biopharm Ridascreen Aflatoxin B1 (µg / kg	2066	2.4800	0.20000							
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0689	230.00	20.000							
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg	0028	350.00	100.00							
610.07	Deoxynivalenol, r-Biopharm Ridascreen FAST DO	2066	270.00	20.000							
620.01	Total Fumonisin, Neogen Veratox for Fumonisin (µg / kg	0227	650.00	500.00							
620.04	Total Fumonisin, Charm ROSA Fast 5 FUMQ (µg / kg	0589	1,050.0	100.00							
630.05	Ochratoxin A, r-Biopharm Ridascreen FAST Ochr	2066	3.2150	0.19000							
640.01	T-2, Neogen Veratox T-2 / HT-2 (µg / kg (ppb))	0227	88.500	3.0000							
650.01	Zearalenone, Neogen Veratox Zearalenone (µg / kg	0689	30.350	3.5000							
650.01	Zearalenone, Neogen Veratox Zearalenone (µg / kg	0227	32.500	1.0000							
650.06	Zearalenone, r-Biopharm Ridascreen FAST Zear	2066	87.300	5.2000							