



## Method Proficiency Testing Report Regular Program

**Sample # 201623**  
**Poultry Feed, Medicated**

**# Labs Reporting: 201**  
**Issue Date : 04/30/2016**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.10000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.4300	0.36000	8.0425	0.48783	0.17234	7	-1.26	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.5950	0.31000	8.0425	0.48783	0.17234	7	-0.92	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.0188	0.07250	8.0425	0.48783	0.17234	7	-0.05	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.0750	0.03000	8.0425	0.48783	0.17234	7	0.07	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.1205	0.01300	8.0425	0.48783	0.17234	7	0.16	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.3650	0.35000	8.0425	0.48783	0.17234	7	0.66	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	8.6931	0.07090	8.0425	0.48783	0.17234	7	1.33	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	5.8600	1.2000	8.0425	0.48783	0.17234	7	-4.47	14%	1
001.03	Loss on Drying, Low temp. methods (%)	2068	7.8960	0.00200	8.1652	0.22737	0.03533	6	-1.18	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.0400	0.04000	8.1652	0.22737	0.03533	6	-0.55	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.0400	0.02000	8.1652	0.22737	0.03533	6	-0.55	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.2750	0.03000	8.1652	0.22737	0.03533	6	0.48	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.3450	0.09000	8.1652	0.22737	0.03533	6	0.79	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	8.3950	0.03000	8.1652	0.22737	0.03533	6	1.01	1%	0
001.05	Loss on Drying, LECO (%)	0610	7.7200	0.06000				2			0
001.05	Loss on Drying, LECO (%)	0644	7.9000	0.00000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.3250	0.29000	8.0387	0.26263	0.08195	39	-2.72	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	7.4907	0.00370	8.0387	0.26263	0.08195	39	-2.09	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	7.7145	0.35300	8.0387	0.26263	0.08195	39	-1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.7150	0.07000	8.0387	0.26263	0.08195	39	-1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.7500	0.30000	8.0387	0.26263	0.08195	39	-1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	7.7550	0.11000	8.0387	0.26263	0.08195	39	-1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.7900	0.00000	8.0387	0.26263	0.08195	39	-0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.7950	0.03000	8.0387	0.26263	0.08195	39	-0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.8250	0.11000	8.0387	0.26263	0.08195	39	-0.81	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	7.8700	0.06000	8.0387	0.26263	0.08195	39	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.8788	0.00450	8.0387	0.26263	0.08195	39	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.8850	0.05000	8.0387	0.26263	0.08195	39	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.8850	0.01000	8.0387	0.26263	0.08195	39	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.9500	0.14000	8.0387	0.26263	0.08195	39	-0.34	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.9500	0.10000	8.0387	0.26263	0.08195	39	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.0000	0.00000	8.0387	0.26263	0.08195	39	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.0000	0.00000	8.0387	0.26263	0.08195	39	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.0150	0.01000	8.0387	0.26263	0.08195	39	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.0200	0.14000	8.0387	0.26263	0.08195	39	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2033	8.0300	0.02000	8.0387	0.26263	0.08195	39	-0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.0350	0.17000	8.0387	0.26263	0.08195	39	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.0450	0.01000	8.0387	0.26263	0.08195	39	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.0850	0.03000	8.0387	0.26263	0.08195	39	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.1000	0.00000	8.0387	0.26263	0.08195	39	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.1100	0.00000	8.0387	0.26263	0.08195	39	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.1125	0.05500	8.0387	0.26263	0.08195	39	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.1200	0.08000	8.0387	0.26263	0.08195	39	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	8.1300	0.06000	8.0387	0.26263	0.08195	39	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	8.1600	0.02000	8.0387	0.26263	0.08195	39	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.2450	0.17000	8.0387	0.26263	0.08195	39	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.2500	0.10000	8.0387	0.26263	0.08195	39	0.80	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.3050	0.01000	8.0387	0.26263	0.08195	39	1.01	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.3050	0.03000	8.0387	0.26263	0.08195	39	1.01	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.3150	0.11000	8.0387	0.26263	0.08195	39	1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.3450	0.05000	8.0387	0.26263	0.08195	39	1.17	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.4850	0.31000	8.0387	0.26263	0.08195	39	1.70	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.6300	0.10000	8.0387	0.26263	0.08195	39	2.25	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.6550	0.01000	8.0387	0.26263	0.08195	39	2.35	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.8300	0.08000	8.0387	0.26263	0.08195	39	3.01	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.1500	0.90000	8.0387	0.26263	0.08195	39	0.42	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	4.4850	0.05000	8.0387	0.26263	0.08195	39	-13.53	22%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.0800	0.10000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.2000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.8050	0.01000	7.9390	0.43957	0.09912	17	-2.58	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.3950	0.13000	7.9390	0.43957	0.09912	17	-1.24	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.5550	0.25000	7.9390	0.43957	0.09912	17	-0.87	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.6450	0.09000	7.9390	0.43957	0.09912	17	-0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.6850	0.03000	7.9390	0.43957	0.09912	17	-0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	7.7250	0.01000	7.9390	0.43957	0.09912	17	-0.49	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	7.8250	0.03000	7.9390	0.43957	0.09912	17	-0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.8750	0.01000	7.9390	0.43957	0.09912	17	-0.15	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.8900	0.02000	7.9390	0.43957	0.09912	17	-0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.9000	0.00000	7.9390	0.43957	0.09912	17	-0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.0550	0.07000	7.9390	0.43957	0.09912	17	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0853	8.0750	0.49000	7.9390	0.43957	0.09912	17	0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.0950	0.09000	7.9390	0.43957	0.09912	17	0.35	1%	0

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001.99	Loss on Drying, Miscellaneous (%)	0505	8.3700	0.04000	7.9390	0.43957	0.09912	17	0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.4350	0.27000	7.9390	0.43957	0.09912	17	1.13	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.5600	0.14000	7.9390	0.43957	0.09912	17	1.41	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2068	8.8145	0.00500	7.9390	0.43957	0.09912	17	1.99	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.5400	2.8600	7.9390	0.43957	0.09912	17	1.37	4%	1
002.00	Protein, Crude (%)	2109	18.950	0.10000	19.356	0.37198	0.07200	5	-1.09	1%	0
002.00	Protein, Crude (%)	0940	19.100	0.00000	19.356	0.37198	0.07200	5	-0.69	1%	0
002.00	Protein, Crude (%)	0028	19.245	0.05000	19.356	0.37198	0.07200	5	-0.30	0%	0
002.00	Protein, Crude (%)	2127	19.665	0.17000	19.356	0.37198	0.07200	5	0.83	1%	0
002.00	Protein, Crude (%)	0169	19.820	0.04000	19.356	0.37198	0.07200	5	1.25	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	18.575	0.03000	19.485	0.27614	0.09591	11	-3.30	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0656	19.155	0.29000	19.485	0.27614	0.09591	11	-1.20	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	19.375	0.01000	19.485	0.27614	0.09591	11	-0.40	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	19.400	0.00000	19.485	0.27614	0.09591	11	-0.31	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	19.450	0.10000	19.485	0.27614	0.09591	11	-0.13	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	19.450	0.04000	19.485	0.27614	0.09591	11	-0.13	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	19.504	0.02400	19.485	0.27614	0.09591	11	0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	19.634	0.29400	19.485	0.27614	0.09591	11	0.54	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	19.648	0.10700	19.485	0.27614	0.09591	11	0.59	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	19.750	0.10000	19.485	0.27614	0.09591	11	0.96	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	19.930	0.06000	19.485	0.27614	0.09591	11	1.61	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	18.885	1.3900	19.485	0.27614	0.09591	11	-2.17	2%	1
002.02	Protein, Semiauto Autoanalyzer (%)	0042	18.965	0.13000	19.406	0.41624	0.17650	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	19.460	0.22000	19.406	0.41624	0.17650	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	19.792	0.17950	19.406	0.41624	0.17650	3			0
002.04	Protein, Copper Catalyst (%)	0405	18.590	0.00000	19.190	0.48740	0.12333	6	-1.23	2%	0
002.04	Protein, Copper Catalyst (%)	0874	18.880	0.24000	19.190	0.48740	0.12333	6	-0.64	1%	0
002.04	Protein, Copper Catalyst (%)	0187	19.000	0.16000	19.190	0.48740	0.12333	6	-0.39	0%	0
002.04	Protein, Copper Catalyst (%)	0638	19.430	0.00000	19.190	0.48740	0.12333	6	0.49	1%	0
002.04	Protein, Copper Catalyst (%)	2057	19.575	0.01000	19.190	0.48740	0.12333	6	0.79	1%	0
002.04	Protein, Copper Catalyst (%)	0504	19.665	0.33000	19.190	0.48740	0.12333	6	0.97	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	17.555	0.09000	19.404	0.21157	0.08037	29	-8.74	5%	0
002.05	Protein, Copper, Boric Acid (%)	0722	18.947	0.04980	19.404	0.21157	0.08037	29	-2.16	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	19.005	0.17000	19.404	0.21157	0.08037	29	-1.89	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	19.125	0.05000	19.404	0.21157	0.08037	29	-1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	19.140	0.08000	19.404	0.21157	0.08037	29	-1.25	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	19.151	0.09320	19.404	0.21157	0.08037	29	-1.20	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	19.189	0.09720	19.404	0.21157	0.08037	29	-1.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	19.270	0.10000	19.404	0.21157	0.08037	29	-0.63	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	19.300	0.40000	19.404	0.21157	0.08037	29	-0.49	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	19.365	0.19000	19.404	0.21157	0.08037	29	-0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	19.380	0.02000	19.404	0.21157	0.08037	29	-0.11	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0939	19.385	0.11000	19.404	0.21157	0.08037	29	-0.09	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	19.425	0.01000	19.404	0.21157	0.08037	29	0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	19.440	0.00000	19.404	0.21157	0.08037	29	0.17	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	19.443	0.05300	19.404	0.21157	0.08037	29	0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0921	19.490	0.00000	19.404	0.21157	0.08037	29	0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	19.500	0.00000	19.404	0.21157	0.08037	29	0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	19.510	0.00590	19.404	0.21157	0.08037	29	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	19.510	0.04760	19.404	0.21157	0.08037	29	0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	19.540	0.06000	19.404	0.21157	0.08037	29	0.64	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	19.544	0.01100	19.404	0.21157	0.08037	29	0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	19.545	0.07000	19.404	0.21157	0.08037	29	0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	19.550	0.06000	19.404	0.21157	0.08037	29	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	19.560	0.18000	19.404	0.21157	0.08037	29	0.74	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	19.560	0.16000	19.404	0.21157	0.08037	29	0.74	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.610	0.02000	19.404	0.21157	0.08037	29	0.97	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	19.630	0.08000	19.404	0.21157	0.08037	29	1.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	0849	19.649	0.02300	19.404	0.21157	0.08037	29	1.15	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	19.650	0.10000	19.404	0.21157	0.08037	29	1.16	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	18.580	0.84000	19.404	0.21157	0.08037	29	-3.90	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	17.565	0.23000	19.710	0.27290	0.15580	125	-7.86	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	17.830	0.12000	19.710	0.27290	0.15580	125	-6.89	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	18.600	0.20000	19.710	0.27290	0.15580	125	-4.07	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	18.995	0.01000	19.710	0.27290	0.15580	125	-2.62	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2126	19.005	0.17000	19.710	0.27290	0.15580	125	-2.59	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	19.085	0.09000	19.710	0.27290	0.15580	125	-2.29	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	19.115	0.35000	19.710	0.27290	0.15580	125	-2.18	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	19.120	0.12000	19.710	0.27290	0.15580	125	-2.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.243	0.17800	19.710	0.27290	0.15580	125	-1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	19.260	0.08000	19.710	0.27290	0.15580	125	-1.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	19.270	0.48400	19.710	0.27290	0.15580	125	-1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	19.295	0.05000	19.710	0.27290	0.15580	125	-1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	19.305	0.27000	19.710	0.27290	0.15580	125	-1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	19.340	0.02000	19.710	0.27290	0.15580	125	-1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	19.350	0.10000	19.710	0.27290	0.15580	125	-1.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	19.350	0.10000	19.710	0.27290	0.15580	125	-1.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2110	19.350	0.10000	19.710	0.27290	0.15580	125	-1.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	19.375	0.49000	19.710	0.27290	0.15580	125	-1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	19.400	0.68000	19.710	0.27290	0.15580	125	-1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	19.421	0.54700	19.710	0.27290	0.15580	125	-1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	19.450	0.10000	19.710	0.27290	0.15580	125	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	19.450	0.44000	19.710	0.27290	0.15580	125	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	19.460	0.08000	19.710	0.27290	0.15580	125	-0.92	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	19.460	0.00000	19.710	0.27290	0.15580	125	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	19.500	0.40000	19.710	0.27290	0.15580	125	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	19.500	0.20000	19.710	0.27290	0.15580	125	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	19.535	0.03000	19.710	0.27290	0.15580	125	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	19.540	0.02000	19.710	0.27290	0.15580	125	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	19.545	0.03000	19.710	0.27290	0.15580	125	-0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	19.555	0.03000	19.710	0.27290	0.15580	125	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	19.565	0.04900	19.710	0.27290	0.15580	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	19.565	0.01000	19.710	0.27290	0.15580	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	19.565	0.13000	19.710	0.27290	0.15580	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	19.565	0.07000	19.710	0.27290	0.15580	125	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	19.570	0.02000	19.710	0.27290	0.15580	125	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	19.580	0.06000	19.710	0.27290	0.15580	125	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	19.590	0.50000	19.710	0.27290	0.15580	125	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	19.600	0.20000	19.710	0.27290	0.15580	125	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	19.600	0.20000	19.710	0.27290	0.15580	125	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	19.600	0.00000	19.710	0.27290	0.15580	125	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	19.611	0.04700	19.710	0.27290	0.15580	125	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	19.630	0.02000	19.710	0.27290	0.15580	125	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	19.630	0.30000	19.710	0.27290	0.15580	125	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	19.630	0.02000	19.710	0.27290	0.15580	125	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	19.630	0.06000	19.710	0.27290	0.15580	125	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	19.635	0.07000	19.710	0.27290	0.15580	125	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	19.640	0.08000	19.710	0.27290	0.15580	125	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	19.640	0.04000	19.710	0.27290	0.15580	125	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	19.645	0.11000	19.710	0.27290	0.15580	125	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	19.650	0.10000	19.710	0.27290	0.15580	125	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	19.650	0.30000	19.710	0.27290	0.15580	125	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	19.650	0.10000	19.710	0.27290	0.15580	125	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	19.650	0.30000	19.710	0.27290	0.15580	125	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	19.655	0.01000	19.710	0.27290	0.15580	125	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	19.660	0.08000	19.710	0.27290	0.15580	125	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	19.670	0.04000	19.710	0.27290	0.15580	125	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	19.680	0.02000	19.710	0.27290	0.15580	125	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	19.680	0.02000	19.710	0.27290	0.15580	125	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	19.690	0.02000	19.710	0.27290	0.15580	125	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	19.690	0.00000	19.710	0.27290	0.15580	125	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	19.695	0.03000	19.710	0.27290	0.15580	125	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	19.698	0.12180	19.710	0.27290	0.15580	125	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	19.700	0.02000	19.710	0.27290	0.15580	125	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	19.710	0.20000	19.710	0.27290	0.15580	125	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	19.725	0.05000	19.710	0.27290	0.15580	125	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	19.730	0.10000	19.710	0.27290	0.15580	125	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	19.740	0.06000	19.710	0.27290	0.15580	125	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	19.745	0.11000	19.710	0.27290	0.15580	125	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	19.750	0.10000	19.710	0.27290	0.15580	125	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	19.750	0.10000	19.710	0.27290	0.15580	125	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	19.750	0.10000	19.710	0.27290	0.15580	125	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	19.755	0.53600	19.710	0.27290	0.15580	125	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	19.760	0.04000	19.710	0.27290	0.15580	125	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	19.772	0.13800	19.710	0.27290	0.15580	125	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	19.775	0.01000	19.710	0.27290	0.15580	125	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	19.786	0.13600	19.710	0.27290	0.15580	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	19.788	0.25500	19.710	0.27290	0.15580	125	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	19.797	0.36700	19.710	0.27290	0.15580	125	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	19.800	0.00000	19.710	0.27290	0.15580	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	19.805	0.07000	19.710	0.27290	0.15580	125	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	19.805	0.03000	19.710	0.27290	0.15580	125	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	19.810	0.04000	19.710	0.27290	0.15580	125	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	19.810	0.04000	19.710	0.27290	0.15580	125	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	19.815	0.03000	19.710	0.27290	0.15580	125	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	19.815	0.07000	19.710	0.27290	0.15580	125	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	19.820	0.36000	19.710	0.27290	0.15580	125	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	19.850	0.10000	19.710	0.27290	0.15580	125	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	19.850	0.10000	19.710	0.27290	0.15580	125	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	19.850	0.10000	19.710	0.27290	0.15580	125	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	19.850	0.30000	19.710	0.27290	0.15580	125	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	19.853	0.29500	19.710	0.27290	0.15580	125	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	19.861	0.09700	19.710	0.27290	0.15580	125	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	19.885	0.13000	19.710	0.27290	0.15580	125	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	19.890	0.02000	19.710	0.27290	0.15580	125	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	19.905	0.11000	19.710	0.27290	0.15580	125	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	19.905	0.11000	19.710	0.27290	0.15580	125	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	19.925	0.23000	19.710	0.27290	0.15580	125	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	19.945	0.05000	19.710	0.27290	0.15580	125	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	19.950	0.60000	19.710	0.27290	0.15580	125	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	19.950	0.70000	19.710	0.27290	0.15580	125	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	19.955	0.17000	19.710	0.27290	0.15580	125	0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	19.975	0.23000	19.710	0.27290	0.15580	125	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	19.977	0.11000	19.710	0.27290	0.15580	125	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	19.980	0.04000	19.710	0.27290	0.15580	125	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	19.985	0.13000	19.710	0.27290	0.15580	125	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	19.995	0.33000	19.710	0.27290	0.15580	125	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	20.000	0.20000	19.710	0.27290	0.15580	125	1.06	1%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	20.000	0.20000	19.710	0.27290	0.15580	125	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.005	0.05000	19.710	0.27290	0.15580	125	1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	20.010	0.64000	19.710	0.27290	0.15580	125	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	20.025	0.21000	19.710	0.27290	0.15580	125	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	20.025	0.11000	19.710	0.27290	0.15580	125	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2033	20.030	0.07000	19.710	0.27290	0.15580	125	1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	20.040	0.12000	19.710	0.27290	0.15580	125	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	20.040	0.22000	19.710	0.27290	0.15580	125	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	20.050	0.10000	19.710	0.27290	0.15580	125	1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	20.085	0.11000	19.710	0.27290	0.15580	125	1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	20.109	0.23400	19.710	0.27290	0.15580	125	1.46	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	20.140	0.44000	19.710	0.27290	0.15580	125	1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	20.170	0.04000	19.710	0.27290	0.15580	125	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	20.200	0.18000	19.710	0.27290	0.15580	125	1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	20.235	0.19000	19.710	0.27290	0.15580	125	1.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	20.350	0.10000	19.710	0.27290	0.15580	125	2.34	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	20.415	0.39000	19.710	0.27290	0.15580	125	2.58	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	20.755	0.11000	19.710	0.27290	0.15580	125	3.83	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	18.320	2.7200	19.710	0.27290	0.15580	125	-5.10	4%	1
002.08	Protein, Cu/Ti (%)	0563	18.766	0.01920	19.192	0.36879	0.03307	3			0
002.08	Protein, Cu/Ti (%)	0208	19.400	0.00000	19.192	0.36879	0.03307	3			0
002.08	Protein, Cu/Ti (%)	0098	19.410	0.08000	19.192	0.36879	0.03307	3			0
002.10	Protein, Block dig/distillation (%)	2066	19.400	0.20000				2			0
002.10	Protein, Block dig/distillation (%)	0629	20.005	0.13000				2			0
002.11	Protein, NIR (%)	0596	18.400	0.02000	20.061	0.48228	0.10800	10	-3.44	4%	0
002.11	Protein, NIR (%)	0553	19.510	0.06000	20.061	0.48228	0.10800	10	-1.14	1%	0
002.11	Protein, NIR (%)	0034	19.915	0.13000	20.061	0.48228	0.10800	10	-0.30	0%	0
002.11	Protein, NIR (%)	0720	19.965	0.01000	20.061	0.48228	0.10800	10	-0.20	0%	0
002.11	Protein, NIR (%)	0852	20.030	0.12000	20.061	0.48228	0.10800	10	-0.06	0%	0
002.11	Protein, NIR (%)	2121	20.040	0.18000	20.061	0.48228	0.10800	10	-0.04	0%	0
002.11	Protein, NIR (%)	2120	20.245	0.09000	20.061	0.48228	0.10800	10	0.38	0%	0
002.11	Protein, NIR (%)	0889	20.280	0.30000	20.061	0.48228	0.10800	10	0.45	1%	0
002.11	Protein, NIR (%)	0613	20.570	0.10000	20.061	0.48228	0.10800	10	1.06	1%	0
002.11	Protein, NIR (%)	0297	20.715	0.07000	20.061	0.48228	0.10800	10	1.36	2%	0
002.99	Protein, Miscellaneous (%)	0681	18.840	0.00000	19.347	0.46372	0.19000	4	-1.09	1%	0
002.99	Protein, Miscellaneous (%)	0643	19.330	0.56000	19.347	0.46372	0.19000	4	-0.04	0%	0
002.99	Protein, Miscellaneous (%)	0644	19.450	0.10000	19.347	0.46372	0.19000	4	0.22	0%	0
002.99	Protein, Miscellaneous (%)	2004	19.750	0.10000	19.347	0.46372	0.19000	4	0.87	1%	0
003.00	Fat, Eth Ext., Direct (%)	2106	5.7200	0.24000	5.9417	0.15359	0.10920	14	-1.44	2%	0
003.00	Fat, Eth Ext., Direct (%)	0345	5.7500	0.10000	5.9417	0.15359	0.10920	14	-1.25	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.7792	0.15100	5.9417	0.15359	0.10920	14	-1.06	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	5.8650	0.15000	5.9417	0.15359	0.10920	14	-0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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003.00	Fat, Eth Ext., Direct (%)	2109	5.9050	0.07000	5.9417	0.15359	0.10920	14	-0.24	0%	0
003.00	Fat, Eth Ext., Direct (%)	0309	5.9254	0.09780	5.9417	0.15359	0.10920	14	-0.11	0%	0
003.00	Fat, Eth Ext., Direct (%)	0884	5.9500	0.10000	5.9417	0.15359	0.10920	14	0.05	0%	0
003.00	Fat, Eth Ext., Direct (%)	0026	5.9750	0.09000	5.9417	0.15359	0.10920	14	0.22	0%	0
003.00	Fat, Eth Ext., Direct (%)	0035	5.9800	0.14000	5.9417	0.15359	0.10920	14	0.25	0%	0
003.00	Fat, Eth Ext., Direct (%)	0615	5.9850	0.03000	5.9417	0.15359	0.10920	14	0.28	0%	0
003.00	Fat, Eth Ext., Direct (%)	0939	5.9850	0.27000	5.9417	0.15359	0.10920	14	0.28	0%	0
003.00	Fat, Eth Ext., Direct (%)	2053	6.0200	0.04000	5.9417	0.15359	0.10920	14	0.51	1%	0
003.00	Fat, Eth Ext., Direct (%)	0596	6.1900	0.04000	5.9417	0.15359	0.10920	14	1.62	2%	0
003.00	Fat, Eth Ext., Direct (%)	2033	6.3150	0.01000	5.9417	0.15359	0.10920	14	2.43	3%	0
003.00	Fat, Eth Ext., Direct (%)	0142	5.7100	0.54000	5.9417	0.15359	0.10920	14	-1.51	2%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	5.6544	0.01440				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	5.7950	2.3300				2			0
003.06	Fat, Pet Ether (%)	2033	5.5650	0.03000	5.8605	0.14337	0.09568	18	-2.06	3%	0
003.06	Fat, Pet Ether (%)	0563	5.6544	0.01440	5.8605	0.14337	0.09568	18	-1.44	2%	0
003.06	Fat, Pet Ether (%)	0552	5.7350	0.35000	5.8605	0.14337	0.09568	18	-0.88	1%	0
003.06	Fat, Pet Ether (%)	0148	5.7400	0.38000	5.8605	0.14337	0.09568	18	-0.84	1%	0
003.06	Fat, Pet Ether (%)	0297	5.7650	0.01000	5.8605	0.14337	0.09568	18	-0.67	1%	0
003.06	Fat, Pet Ether (%)	0164	5.7900	0.10000	5.8605	0.14337	0.09568	18	-0.49	1%	0
003.06	Fat, Pet Ether (%)	0300	5.8390	0.05790	5.8605	0.14337	0.09568	18	-0.15	0%	0
003.06	Fat, Pet Ether (%)	0425	5.8400	0.02000	5.8605	0.14337	0.09568	18	-0.14	0%	0
003.06	Fat, Pet Ether (%)	0689	5.8500	0.10000	5.8605	0.14337	0.09568	18	-0.07	0%	0
003.06	Fat, Pet Ether (%)	0910	5.8650	0.01000	5.8605	0.14337	0.09568	18	0.03	0%	0
003.06	Fat, Pet Ether (%)	0852	5.8700	0.04000	5.8605	0.14337	0.09568	18	0.07	0%	0
003.06	Fat, Pet Ether (%)	0687	5.8950	0.21000	5.8605	0.14337	0.09568	18	0.24	0%	0
003.06	Fat, Pet Ether (%)	0294	5.9350	0.01000	5.8605	0.14337	0.09568	18	0.52	1%	0
003.06	Fat, Pet Ether (%)	0849	5.9450	0.01000	5.8605	0.14337	0.09568	18	0.59	1%	0
003.06	Fat, Pet Ether (%)	0083	5.9550	0.17000	5.8605	0.14337	0.09568	18	0.66	1%	0
003.06	Fat, Pet Ether (%)	0511	6.0300	0.06000	5.8605	0.14337	0.09568	18	1.18	1%	0
003.06	Fat, Pet Ether (%)	0682	6.0600	0.00000	5.8605	0.14337	0.09568	18	1.39	2%	0
003.06	Fat, Pet Ether (%)	0918	6.1050	0.15000	5.8605	0.14337	0.09568	18	1.71	2%	0
003.06	Fat, Pet Ether (%)	0074	6.0050	0.81000	5.8605	0.14337	0.09568	18	1.01	1%	1
003.06	Fat, Pet Ether (%)	0620	8.9144	0.00070	5.8605	0.14337	0.09568	18	21.30	26%	2
003.09	Fat, Soxtec, Eth Ext (%)	0656	5.3350	1.4100	5.8811	0.21277	0.14279	19	-2.57	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	5.5550	0.01000	5.8811	0.21277	0.14279	19	-1.53	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	5.5800	0.34000	5.8811	0.21277	0.14279	19	-1.42	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	5.6855	0.01500	5.8811	0.21277	0.14279	19	-0.92	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	5.7300	0.00000	5.8811	0.21277	0.14279	19	-0.71	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0013	5.7700	0.12000	5.8811	0.21277	0.14279	19	-0.52	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	5.8224	0.09760	5.8811	0.21277	0.14279	19	-0.28	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	5.8650	0.01000	5.8811	0.21277	0.14279	19	-0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	5.8700	0.04000	5.8811	0.21277	0.14279	19	-0.05	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.09	Fat, Soxtec, Eth Ext (%)	0508	5.9442	0.07040	5.8811	0.21277	0.14279	19	0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.9500	0.06000	5.8811	0.21277	0.14279	19	0.32	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	5.9750	0.05000	5.8811	0.21277	0.14279	19	0.44	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	6.0050	0.05000	5.8811	0.21277	0.14279	19	0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	6.0100	0.08000	5.8811	0.21277	0.14279	19	0.61	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	6.0350	0.01000	5.8811	0.21277	0.14279	19	0.72	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	6.0500	0.10000	5.8811	0.21277	0.14279	19	0.79	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	6.0500	0.10000	5.8811	0.21277	0.14279	19	0.79	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	6.1250	0.05000	5.8811	0.21277	0.14279	19	1.15	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	6.1500	0.10000	5.8811	0.21277	0.14279	19	1.26	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	3.2780	5.3761	5.8811	0.21277	0.14279	19	-12.23	22%	1
003.10	Fat, Soxtec, Pet Ether (%)	2126	5.4600	0.10000	5.7350	0.14715	0.12808	30	-1.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	5.4934	0.02580	5.7350	0.14715	0.12808	30	-1.64	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	5.5300	0.02000	5.7350	0.14715	0.12808	30	-1.39	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	5.5950	0.21000	5.7350	0.14715	0.12808	30	-0.95	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	5.6000	0.08000	5.7350	0.14715	0.12808	30	-0.92	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	5.6000	0.34000	5.7350	0.14715	0.12808	30	-0.92	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	5.6250	0.09000	5.7350	0.14715	0.12808	30	-0.75	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	5.6350	0.11000	5.7350	0.14715	0.12808	30	-0.68	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	5.6350	0.03000	5.7350	0.14715	0.12808	30	-0.68	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	5.6550	0.07000	5.7350	0.14715	0.12808	30	-0.54	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	5.6655	0.00700	5.7350	0.14715	0.12808	30	-0.47	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	5.6825	0.12140	5.7350	0.14715	0.12808	30	-0.36	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	5.6950	0.45000	5.7350	0.14715	0.12808	30	-0.27	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	5.6973	0.00270	5.7350	0.14715	0.12808	30	-0.26	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	5.7100	0.10000	5.7350	0.14715	0.12808	30	-0.17	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	5.7450	0.01000	5.7350	0.14715	0.12808	30	0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	5.7550	0.19000	5.7350	0.14715	0.12808	30	0.14	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	5.7850	0.01000	5.7350	0.14715	0.12808	30	0.34	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	5.7990	0.37400	5.7350	0.14715	0.12808	30	0.43	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	5.8000	0.20000	5.7350	0.14715	0.12808	30	0.44	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	5.8100	0.02000	5.7350	0.14715	0.12808	30	0.51	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	5.8470	0.05400	5.7350	0.14715	0.12808	30	0.76	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	5.8500	0.38000	5.7350	0.14715	0.12808	30	0.78	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	5.8514	0.29150	5.7350	0.14715	0.12808	30	0.79	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	5.8700	0.12000	5.7350	0.14715	0.12808	30	0.92	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	5.8840	0.00600	5.7350	0.14715	0.12808	30	1.01	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	5.9000	0.00000	5.7350	0.14715	0.12808	30	1.12	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	5.9150	0.01000	5.7350	0.14715	0.12808	30	1.22	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0644	5.9300	0.02000	5.7350	0.14715	0.12808	30	1.32	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	6.0600	0.40000	5.7350	0.14715	0.12808	30	2.21	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	4.2700	0.22000	5.7350	0.14715	0.12808	30	-9.96	13%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	0852	5.0250	0.03000	5.6817	0.45613	0.03000	9	-1.44	6%	0
003.11	Fat, NIR (%)	0889	5.4000	0.02000	5.6817	0.45613	0.03000	9	-0.62	2%	0
003.11	Fat, NIR (%)	0034	5.4200	0.06000	5.6817	0.45613	0.03000	9	-0.57	2%	0
003.11	Fat, NIR (%)	0720	5.4950	0.05000	5.6817	0.45613	0.03000	9	-0.41	2%	0
003.11	Fat, NIR (%)	0553	5.5350	0.01000	5.6817	0.45613	0.03000	9	-0.32	1%	0
003.11	Fat, NIR (%)	0297	5.8700	0.04000	5.6817	0.45613	0.03000	9	0.41	2%	0
003.11	Fat, NIR (%)	2121	6.0550	0.01000	5.6817	0.45613	0.03000	9	0.82	3%	0
003.11	Fat, NIR (%)	2120	6.0900	0.02000	5.6817	0.45613	0.03000	9	0.90	4%	0
003.11	Fat, NIR (%)	0596	6.2450	0.03000	5.6817	0.45613	0.03000	9	1.24	5%	0
003.11	Fat, NIR (%)	0613	4.7900	0.84000	5.6817	0.45613	0.03000	9	-1.95	8%	1
003.12	Fat, Hexane Ext (%)	0940	4.8750	0.29000	5.8083	0.07320	0.09500	4	-12.75	8%	0
003.12	Fat, Hexane Ext (%)	0893	5.7300	0.02000	5.8083	0.07320	0.09500	4	-1.07	1%	0
003.12	Fat, Hexane Ext (%)	0171	5.8200	0.06000	5.8083	0.07320	0.09500	4	0.16	0%	0
003.12	Fat, Hexane Ext (%)	0897	5.8750	0.01000	5.8083	0.07320	0.09500	4	0.91	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	5.0550	0.15000	5.7747	0.33694	0.08000	10	-2.14	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	5.5000	0.10000	5.7747	0.33694	0.08000	10	-0.82	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.5550	0.19000	5.7747	0.33694	0.08000	10	-0.65	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	5.6600	0.14000	5.7747	0.33694	0.08000	10	-0.34	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	5.7680	0.01000	5.7747	0.33694	0.08000	10	-0.02	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0875	5.7900	0.10000	5.7747	0.33694	0.08000	10	0.05	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	5.8900	0.02000	5.7747	0.33694	0.08000	10	0.34	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	5.9250	0.03000	5.7747	0.33694	0.08000	10	0.45	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	6.1150	0.01000	5.7747	0.33694	0.08000	10	1.01	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	6.2750	0.05000	5.7747	0.33694	0.08000	10	1.48	4%	0
003.14	Fat, Ankom (%)	0574	4.5400	0.28000	5.6589	0.22876	0.20690	41	-4.89	10%	0
003.14	Fat, Ankom (%)	0853	4.8200	0.06000	5.6589	0.22876	0.20690	41	-3.67	7%	0
003.14	Fat, Ankom (%)	0265	5.1550	0.25000	5.6589	0.22876	0.20690	41	-2.20	4%	0
003.14	Fat, Ankom (%)	0876	5.2100	0.02000	5.6589	0.22876	0.20690	41	-1.96	4%	0
003.14	Fat, Ankom (%)	0843	5.3100	0.20000	5.6589	0.22876	0.20690	41	-1.53	3%	0
003.14	Fat, Ankom (%)	0956	5.3500	0.50000	5.6589	0.22876	0.20690	41	-1.35	3%	0
003.14	Fat, Ankom (%)	0581	5.3700	0.18000	5.6589	0.22876	0.20690	41	-1.26	3%	0
003.14	Fat, Ankom (%)	2129	5.4000	0.40000	5.6589	0.22876	0.20690	41	-1.13	2%	0
003.14	Fat, Ankom (%)	0144	5.4950	0.03000	5.6589	0.22876	0.20690	41	-0.72	1%	0
003.14	Fat, Ankom (%)	0202	5.5000	0.06000	5.6589	0.22876	0.20690	41	-0.69	1%	0
003.14	Fat, Ankom (%)	0108	5.5150	0.65000	5.6589	0.22876	0.20690	41	-0.63	1%	0
003.14	Fat, Ankom (%)	0001	5.5925	0.15900	5.6589	0.22876	0.20690	41	-0.29	1%	0
003.14	Fat, Ankom (%)	0003	5.6000	0.26000	5.6589	0.22876	0.20690	41	-0.26	1%	0
003.14	Fat, Ankom (%)	0037	5.6150	0.19000	5.6589	0.22876	0.20690	41	-0.19	0%	0
003.14	Fat, Ankom (%)	0229	5.6150	0.05000	5.6589	0.22876	0.20690	41	-0.19	0%	0
003.14	Fat, Ankom (%)	0019	5.6400	0.22000	5.6589	0.22876	0.20690	41	-0.08	0%	0
003.14	Fat, Ankom (%)	0563	5.6544	0.01440	5.6589	0.22876	0.20690	41	-0.02	0%	0
003.14	Fat, Ankom (%)	0407	5.6688	0.00560	5.6589	0.22876	0.20690	41	0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0034	5.6800	0.90000	5.6589	0.22876	0.20690	41	0.09	0%	0
003.14	Fat, Ankom (%)	0015	5.6850	0.23000	5.6589	0.22876	0.20690	41	0.11	0%	0
003.14	Fat, Ankom (%)	0190	5.6850	0.39000	5.6589	0.22876	0.20690	41	0.11	0%	0
003.14	Fat, Ankom (%)	0529	5.6900	0.12000	5.6589	0.22876	0.20690	41	0.14	0%	0
003.14	Fat, Ankom (%)	0358	5.6950	0.33000	5.6589	0.22876	0.20690	41	0.16	0%	0
003.14	Fat, Ankom (%)	0683	5.6950	0.45000	5.6589	0.22876	0.20690	41	0.16	0%	0
003.14	Fat, Ankom (%)	0413	5.7000	0.00000	5.6589	0.22876	0.20690	41	0.18	0%	0
003.14	Fat, Ankom (%)	0013	5.7050	0.03000	5.6589	0.22876	0.20690	41	0.20	0%	0
003.14	Fat, Ankom (%)	0598	5.7350	0.21000	5.6589	0.22876	0.20690	41	0.33	1%	0
003.14	Fat, Ankom (%)	0066	5.7450	0.15000	5.6589	0.22876	0.20690	41	0.38	1%	0
003.14	Fat, Ankom (%)	0278	5.7500	0.10000	5.6589	0.22876	0.20690	41	0.40	1%	0
003.14	Fat, Ankom (%)	0868	5.7850	0.09000	5.6589	0.22876	0.20690	41	0.55	1%	0
003.14	Fat, Ankom (%)	0183	5.8050	0.02400	5.6589	0.22876	0.20690	41	0.64	1%	0
003.14	Fat, Ankom (%)	0948	5.8450	0.09000	5.6589	0.22876	0.20690	41	0.81	2%	0
003.14	Fat, Ankom (%)	0009	5.8500	0.18000	5.6589	0.22876	0.20690	41	0.84	2%	0
003.14	Fat, Ankom (%)	0726	5.8650	0.03000	5.6589	0.22876	0.20690	41	0.90	2%	0
003.14	Fat, Ankom (%)	0089	5.8900	0.00000	5.6589	0.22876	0.20690	41	1.01	2%	0
003.14	Fat, Ankom (%)	0955	5.8900	0.06000	5.6589	0.22876	0.20690	41	1.01	2%	0
003.14	Fat, Ankom (%)	0619	5.8950	0.07000	5.6589	0.22876	0.20690	41	1.03	2%	0
003.14	Fat, Ankom (%)	2075	5.9000	0.40000	5.6589	0.22876	0.20690	41	1.05	2%	0
003.14	Fat, Ankom (%)	0004	5.9450	0.65000	5.6589	0.22876	0.20690	41	1.25	3%	0
003.14	Fat, Ankom (%)	0937	5.9850	0.15000	5.6589	0.22876	0.20690	41	1.43	3%	0
003.14	Fat, Ankom (%)	0692	6.0500	0.30000	5.6589	0.22876	0.20690	41	1.71	3%	0
003.14	Fat, Ankom (%)	0613	5.4300	1.2400	5.6589	0.22876	0.20690	41	-1.00	2%	1
003.14	Fat, Ankom (%)	0357	2.8000	0.00000	5.6589	0.22876	0.20690	41	-12.50	25%	2
003.99	Fat, Miscellaneous (%)	0880	1.9500	1.9000	5.9388	1.6024	0.48600	5	-2.49	34%	0
003.99	Fat, Miscellaneous (%)	0536	4.7450	0.39000	5.9388	1.6024	0.48600	5	-0.74	10%	0
003.99	Fat, Miscellaneous (%)	2127	4.9850	0.03000	5.9388	1.6024	0.48600	5	-0.60	8%	0
003.99	Fat, Miscellaneous (%)	0047	5.7750	0.01000	5.9388	1.6024	0.48600	5	-0.10	1%	0
003.99	Fat, Miscellaneous (%)	1019	8.2500	0.10000	5.9388	1.6024	0.48600	5	1.44	19%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	3.9350	0.41000	4.7885	0.39742	0.22646	19	-2.15	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.2500	0.10000	4.7885	0.39742	0.22646	19	-1.35	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	4.3450	0.11000	4.7885	0.39742	0.22646	19	-1.12	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.3700	0.04000	4.7885	0.39742	0.22646	19	-1.05	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.4750	0.07000	4.7885	0.39742	0.22646	19	-0.79	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.5200	0.34000	4.7885	0.39742	0.22646	19	-0.68	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.6300	0.04000	4.7885	0.39742	0.22646	19	-0.40	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.8000	0.00000	4.7885	0.39742	0.22646	19	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.8000	0.20000	4.7885	0.39742	0.22646	19	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.8765	0.67700	4.7885	0.39742	0.22646	19	0.22	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0013	4.8850	0.15000	4.7885	0.39742	0.22646	19	0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	4.9830	0.20570	4.7885	0.39742	0.22646	19	0.49	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.9850	0.37000	4.7885	0.39742	0.22646	19	0.49	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.0000	0.60000	4.7885	0.39742	0.22646	19	0.53	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.0000	0.00000	4.7885	0.39742	0.22646	19	0.53	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	5.0500	0.50000	4.7885	0.39742	0.22646	19	0.66	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	5.1100	0.02000	4.7885	0.39742	0.22646	19	0.81	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	5.3250	0.11000	4.7885	0.39742	0.22646	19	1.35	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	5.4000	0.36000	4.7885	0.39742	0.22646	19	1.54	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	4.8250	1.1500	4.7885	0.39742	0.22646	19	0.09	0%	1
004.01	Fiber, Sing Filt (%)	0045	5.5650	0.13000				2			0
004.01	Fiber, Sing Filt (%)	0366	5.7000	0.40000				2			0
004.03	Fiber, Fritted Glass (%)	2089	3.2100	0.34000	4.9832	1.1026	0.15007	7	-1.61	18%	0
004.03	Fiber, Fritted Glass (%)	2033	4.2000	0.00000	4.9832	1.1026	0.15007	7	-0.71	8%	0
004.03	Fiber, Fritted Glass (%)	0353	4.9200	0.02000	4.9832	1.1026	0.15007	7	-0.06	1%	0
004.03	Fiber, Fritted Glass (%)	0626	4.9700	0.26000	4.9832	1.1026	0.15007	7	-0.01	0%	0
004.03	Fiber, Fritted Glass (%)	2127	5.4500	0.30000	4.9832	1.1026	0.15007	7	0.42	5%	0
004.03	Fiber, Fritted Glass (%)	0693	5.9481	0.12050	4.9832	1.1026	0.15007	7	0.88	10%	0
004.03	Fiber, Fritted Glass (%)	0685	6.0650	0.01000	4.9832	1.1026	0.15007	7	0.98	11%	0
004.06	Fiber, Fibertec (%)	0893	4.6550	0.01000	5.1611	0.38298	0.17703	26	-1.32	5%	0
004.06	Fiber, Fibertec (%)	0918	4.6750	0.13000	5.1611	0.38298	0.17703	26	-1.27	5%	0
004.06	Fiber, Fibertec (%)	0038	4.7850	0.63000	5.1611	0.38298	0.17703	26	-0.98	4%	0
004.06	Fiber, Fibertec (%)	0590	4.8450	0.31000	5.1611	0.38298	0.17703	26	-0.83	3%	0
004.06	Fiber, Fibertec (%)	0512	4.8470	0.53000	5.1611	0.38298	0.17703	26	-0.82	3%	0
004.06	Fiber, Fibertec (%)	0689	4.8500	0.10000	5.1611	0.38298	0.17703	26	-0.81	3%	0
004.06	Fiber, Fibertec (%)	0941	4.9350	0.13000	5.1611	0.38298	0.17703	26	-0.59	2%	0
004.06	Fiber, Fibertec (%)	0098	4.9450	0.13000	5.1611	0.38298	0.17703	26	-0.56	2%	0
004.06	Fiber, Fibertec (%)	2006	4.9450	0.03000	5.1611	0.38298	0.17703	26	-0.56	2%	0
004.06	Fiber, Fibertec (%)	0881	4.9845	0.08500	5.1611	0.38298	0.17703	26	-0.46	2%	0
004.06	Fiber, Fibertec (%)	0948	5.0050	0.09000	5.1611	0.38298	0.17703	26	-0.41	2%	0
004.06	Fiber, Fibertec (%)	2068	5.0205	0.03500	5.1611	0.38298	0.17703	26	-0.37	1%	0
004.06	Fiber, Fibertec (%)	0656	5.0250	0.45000	5.1611	0.38298	0.17703	26	-0.36	1%	0
004.06	Fiber, Fibertec (%)	0897	5.0700	0.02000	5.1611	0.38298	0.17703	26	-0.24	1%	0
004.06	Fiber, Fibertec (%)	0885	5.0943	0.05860	5.1611	0.38298	0.17703	26	-0.17	1%	0
004.06	Fiber, Fibertec (%)	0027	5.2045	0.02900	5.1611	0.38298	0.17703	26	0.11	0%	0
004.06	Fiber, Fibertec (%)	0868	5.2700	0.24000	5.1611	0.38298	0.17703	26	0.28	1%	0
004.06	Fiber, Fibertec (%)	0205	5.2850	0.05000	5.1611	0.38298	0.17703	26	0.32	1%	0
004.06	Fiber, Fibertec (%)	0952	5.3850	0.15000	5.1611	0.38298	0.17703	26	0.58	2%	0
004.06	Fiber, Fibertec (%)	0728	5.4500	0.14000	5.1611	0.38298	0.17703	26	0.75	3%	0
004.06	Fiber, Fibertec (%)	0638	5.4500	0.10000	5.1611	0.38298	0.17703	26	0.75	3%	0
004.06	Fiber, Fibertec (%)	0676	5.6250	0.57000	5.1611	0.38298	0.17703	26	1.21	4%	0
004.06	Fiber, Fibertec (%)	0720	5.6300	0.12000	5.1611	0.38298	0.17703	26	1.22	5%	0
004.06	Fiber, Fibertec (%)	2097	6.0549	0.00980	5.1611	0.38298	0.17703	26	2.33	9%	0
004.06	Fiber, Fibertec (%)	0722	6.1691	0.05550	5.1611	0.38298	0.17703	26	2.63	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0609	6.7700	0.40000	5.1611	0.38298	0.17703	26	4.20	16%	0
004.07	Fiber, ANKOM (%)	0708	3.5100	0.08000	4.6994	0.52762	0.17010	63	-2.25	13%	0
004.07	Fiber, ANKOM (%)	0889	3.6750	0.13000	4.6994	0.52762	0.17010	63	-1.94	11%	0
004.07	Fiber, ANKOM (%)	0644	3.7750	0.49000	4.6994	0.52762	0.17010	63	-1.75	10%	0
004.07	Fiber, ANKOM (%)	0861	3.8100	0.24000	4.6994	0.52762	0.17010	63	-1.69	9%	0
004.07	Fiber, ANKOM (%)	0553	3.9800	0.04000	4.6994	0.52762	0.17010	63	-1.36	8%	0
004.07	Fiber, ANKOM (%)	0619	4.0000	0.18000	4.6994	0.52762	0.17010	63	-1.33	7%	0
004.07	Fiber, ANKOM (%)	0505	4.0350	0.15000	4.6994	0.52762	0.17010	63	-1.26	7%	0
004.07	Fiber, ANKOM (%)	0904	4.0350	0.13000	4.6994	0.52762	0.17010	63	-1.26	7%	0
004.07	Fiber, ANKOM (%)	0294	4.1000	0.00000	4.6994	0.52762	0.17010	63	-1.14	6%	0
004.07	Fiber, ANKOM (%)	0026	4.1450	0.01000	4.6994	0.52762	0.17010	63	-1.05	6%	0
004.07	Fiber, ANKOM (%)	0013	4.1750	0.03000	4.6994	0.52762	0.17010	63	-0.99	6%	0
004.07	Fiber, ANKOM (%)	0552	4.2850	0.21000	4.6994	0.52762	0.17010	63	-0.79	4%	0
004.07	Fiber, ANKOM (%)	2053	4.2850	0.01000	4.6994	0.52762	0.17010	63	-0.79	4%	0
004.07	Fiber, ANKOM (%)	0529	4.3250	0.03000	4.6994	0.52762	0.17010	63	-0.71	4%	0
004.07	Fiber, ANKOM (%)	0100	4.3300	0.04000	4.6994	0.52762	0.17010	63	-0.70	4%	0
004.07	Fiber, ANKOM (%)	0726	4.3500	0.10000	4.6994	0.52762	0.17010	63	-0.66	4%	0
004.07	Fiber, ANKOM (%)	0910	4.3500	0.50000	4.6994	0.52762	0.17010	63	-0.66	4%	0
004.07	Fiber, ANKOM (%)	0144	4.3850	0.13000	4.6994	0.52762	0.17010	63	-0.60	3%	0
004.07	Fiber, ANKOM (%)	0510	4.4000	0.20000	4.6994	0.52762	0.17010	63	-0.57	3%	0
004.07	Fiber, ANKOM (%)	2012	4.4200	0.00000	4.6994	0.52762	0.17010	63	-0.53	3%	0
004.07	Fiber, ANKOM (%)	0202	4.4900	0.00000	4.6994	0.52762	0.17010	63	-0.40	2%	0
004.07	Fiber, ANKOM (%)	0407	4.5054	0.19560	4.6994	0.52762	0.17010	63	-0.37	2%	0
004.07	Fiber, ANKOM (%)	0035	4.5300	0.14000	4.6994	0.52762	0.17010	63	-0.32	2%	0
004.07	Fiber, ANKOM (%)	0937	4.5350	0.03000	4.6994	0.52762	0.17010	63	-0.31	2%	0
004.07	Fiber, ANKOM (%)	0066	4.5450	0.37000	4.6994	0.52762	0.17010	63	-0.29	2%	0
004.07	Fiber, ANKOM (%)	0265	4.5700	0.38000	4.6994	0.52762	0.17010	63	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0098	4.6150	0.23000	4.6994	0.52762	0.17010	63	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0033	4.6200	0.32000	4.6994	0.52762	0.17010	63	-0.15	1%	0
004.07	Fiber, ANKOM (%)	0190	4.6500	0.30000	4.6994	0.52762	0.17010	63	-0.09	1%	0
004.07	Fiber, ANKOM (%)	0413	4.6500	0.30000	4.6994	0.52762	0.17010	63	-0.09	1%	0
004.07	Fiber, ANKOM (%)	2126	4.6550	0.03000	4.6994	0.52762	0.17010	63	-0.08	0%	0
004.07	Fiber, ANKOM (%)	0089	4.6700	0.02000	4.6994	0.52762	0.17010	63	-0.06	0%	0
004.07	Fiber, ANKOM (%)	0003	4.6850	0.03000	4.6994	0.52762	0.17010	63	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0278	4.7000	0.40000	4.6994	0.52762	0.17010	63	0.00	0%	0
004.07	Fiber, ANKOM (%)	0009	4.7850	0.15000	4.6994	0.52762	0.17010	63	0.16	1%	0
004.07	Fiber, ANKOM (%)	0682	4.8000	0.00000	4.6994	0.52762	0.17010	63	0.19	1%	0
004.07	Fiber, ANKOM (%)	0956	4.8000	0.60000	4.6994	0.52762	0.17010	63	0.19	1%	0
004.07	Fiber, ANKOM (%)	0653	4.8450	0.09000	4.6994	0.52762	0.17010	63	0.28	2%	0
004.07	Fiber, ANKOM (%)	0683	4.8700	0.28000	4.6994	0.52762	0.17010	63	0.32	2%	0
004.07	Fiber, ANKOM (%)	0300	4.8830	0.34730	4.6994	0.52762	0.17010	63	0.35	2%	0
004.07	Fiber, ANKOM (%)	0849	4.9060	0.04800	4.6994	0.52762	0.17010	63	0.39	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0074	4.9150	0.11000	4.6994	0.52762	0.17010	63	0.41	2%	0
004.07	Fiber, ANKOM (%)	0297	4.9200	0.06000	4.6994	0.52762	0.17010	63	0.42	2%	0
004.07	Fiber, ANKOM (%)	0876	4.9500	0.10000	4.6994	0.52762	0.17010	63	0.47	3%	0
004.07	Fiber, ANKOM (%)	0563	4.9513	0.06970	4.6994	0.52762	0.17010	63	0.48	3%	0
004.07	Fiber, ANKOM (%)	0536	5.0300	0.18000	4.6994	0.52762	0.17010	63	0.63	4%	0
004.07	Fiber, ANKOM (%)	2109	5.0350	0.07000	4.6994	0.52762	0.17010	63	0.64	4%	0
004.07	Fiber, ANKOM (%)	0083	5.0850	0.19000	4.6994	0.52762	0.17010	63	0.73	4%	0
004.07	Fiber, ANKOM (%)	0004	5.0900	0.04000	4.6994	0.52762	0.17010	63	0.74	4%	0
004.07	Fiber, ANKOM (%)	2075	5.1000	0.00000	4.6994	0.52762	0.17010	63	0.76	4%	0
004.07	Fiber, ANKOM (%)	0598	5.1150	0.23000	4.6994	0.52762	0.17010	63	0.79	4%	0
004.07	Fiber, ANKOM (%)	0042	5.1300	1.0200	4.6994	0.52762	0.17010	63	0.82	5%	0
004.07	Fiber, ANKOM (%)	0955	5.1350	0.07000	4.6994	0.52762	0.17010	63	0.83	5%	0
004.07	Fiber, ANKOM (%)	0948	5.1450	0.27000	4.6994	0.52762	0.17010	63	0.84	5%	0
004.07	Fiber, ANKOM (%)	0613	5.2200	0.00000	4.6994	0.52762	0.17010	63	0.99	6%	0
004.07	Fiber, ANKOM (%)	0019	5.3600	0.10000	4.6994	0.52762	0.17010	63	1.25	7%	0
004.07	Fiber, ANKOM (%)	0646	5.3950	0.21000	4.6994	0.52762	0.17010	63	1.32	7%	0
004.07	Fiber, ANKOM (%)	0581	5.5500	0.10000	4.6994	0.52762	0.17010	63	1.61	9%	0
004.07	Fiber, ANKOM (%)	0034	5.5800	0.06000	4.6994	0.52762	0.17010	63	1.67	9%	0
004.07	Fiber, ANKOM (%)	0242	5.9350	0.25000	4.6994	0.52762	0.17010	63	2.34	13%	0
004.07	Fiber, ANKOM (%)	0870	5.9999	0.00550	4.6994	0.52762	0.17010	63	2.46	14%	0
004.07	Fiber, ANKOM (%)	0643	6.0800	0.02000	4.6994	0.52762	0.17010	63	2.62	15%	0
004.07	Fiber, ANKOM (%)	0229	6.1000	0.60000	4.6994	0.52762	0.17010	63	2.65	15%	0
004.07	Fiber, ANKOM (%)	0692	6.5000	3.0000	4.6994	0.52762	0.17010	63	3.41	19%	1
004.11	Fiber, NIR (%)	0889	4.0250	0.09000	4.7771	0.38439	0.09889	9	-1.96	8%	0
004.11	Fiber, NIR (%)	0034	4.5250	0.05000	4.7771	0.38439	0.09889	9	-0.66	3%	0
004.11	Fiber, NIR (%)	0852	4.6000	0.02000	4.7771	0.38439	0.09889	9	-0.46	2%	0
004.11	Fiber, NIR (%)	2121	4.7150	0.07000	4.7771	0.38439	0.09889	9	-0.16	1%	0
004.11	Fiber, NIR (%)	0553	4.7400	0.18000	4.7771	0.38439	0.09889	9	-0.10	0%	0
004.11	Fiber, NIR (%)	2120	4.8350	0.07000	4.7771	0.38439	0.09889	9	0.15	1%	0
004.11	Fiber, NIR (%)	0596	4.8600	0.18000	4.7771	0.38439	0.09889	9	0.22	1%	0
004.11	Fiber, NIR (%)	0613	5.1650	0.03000	4.7771	0.38439	0.09889	9	1.01	4%	0
004.11	Fiber, NIR (%)	0720	9.0000	0.20000	4.7771	0.38439	0.09889	9	10.99	44%	0
004.99	Fiber, Miscellaneous (%)	0610	4.6000	0.40000	4.7933	0.20312	0.17333	3			0
004.99	Fiber, Miscellaneous (%)	0629	4.7750	0.05000	4.7933	0.20312	0.17333	3			0
004.99	Fiber, Miscellaneous (%)	0940	5.0050	0.07000	4.7933	0.20312	0.17333	3			0
005.00	Ash, 2h @ 600°C (%)	0278	5.5500	0.16000	6.1490	0.24068	0.05997	93	-2.49	5%	0
005.00	Ash, 2h @ 600°C (%)	0042	5.6150	0.13000	6.1490	0.24068	0.05997	93	-2.22	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.6400	0.10000	6.1490	0.24068	0.05997	93	-2.11	4%	0
005.00	Ash, 2h @ 600°C (%)	0019	5.7150	0.07000	6.1490	0.24068	0.05997	93	-1.80	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	5.7150	0.05000	6.1490	0.24068	0.05997	93	-1.80	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	5.7200	0.04000	6.1490	0.24068	0.05997	93	-1.78	3%	0
005.00	Ash, 2h @ 600°C (%)	0541	5.7900	0.10000	6.1490	0.24068	0.05997	93	-1.49	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0175	5.8150	0.07000	6.1490	0.24068	0.05997	93	-1.39	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	5.8300	0.00000	6.1490	0.24068	0.05997	93	-1.33	3%	0
005.00	Ash, 2h @ 600°C (%)	2073	5.8300	0.00000	6.1490	0.24068	0.05997	93	-1.33	3%	0
005.00	Ash, 2h @ 600°C (%)	0026	5.8350	0.03000	6.1490	0.24068	0.05997	93	-1.30	3%	0
005.00	Ash, 2h @ 600°C (%)	2033	5.8600	0.10000	6.1490	0.24068	0.05997	93	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	5.8604	0.05020	6.1490	0.24068	0.05997	93	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	5.8610	0.01400	6.1490	0.24068	0.05997	93	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0870	5.8697	0.04830	6.1490	0.24068	0.05997	93	-1.16	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	5.8750	0.01000	6.1490	0.24068	0.05997	93	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.8750	0.01000	6.1490	0.24068	0.05997	93	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0957	5.8750	0.07000	6.1490	0.24068	0.05997	93	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	2068	5.8990	0.01200	6.1490	0.24068	0.05997	93	-1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	5.9100	0.06000	6.1490	0.24068	0.05997	93	-0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	5.9100	0.16000	6.1490	0.24068	0.05997	93	-0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	5.9400	0.06000	6.1490	0.24068	0.05997	93	-0.87	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	5.9500	0.04000	6.1490	0.24068	0.05997	93	-0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	2053	5.9750	0.01000	6.1490	0.24068	0.05997	93	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	5.9800	0.02000	6.1490	0.24068	0.05997	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	5.9950	0.19000	6.1490	0.24068	0.05997	93	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	5.9950	0.15000	6.1490	0.24068	0.05997	93	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.0100	0.10000	6.1490	0.24068	0.05997	93	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.0100	0.06000	6.1490	0.24068	0.05997	93	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.0100	0.06000	6.1490	0.24068	0.05997	93	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	6.0600	0.01020	6.1490	0.24068	0.05997	93	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	2106	6.0600	0.20000	6.1490	0.24068	0.05997	93	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	6.0800	0.20000	6.1490	0.24068	0.05997	93	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	6.0862	0.03830	6.1490	0.24068	0.05997	93	-0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.1300	0.10000	6.1490	0.24068	0.05997	93	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	6.1350	0.33000	6.1490	0.24068	0.05997	93	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.1355	0.10900	6.1490	0.24068	0.05997	93	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.1466	0.03620	6.1490	0.24068	0.05997	93	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.1500	0.02000	6.1490	0.24068	0.05997	93	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	6.1700	0.10000	6.1490	0.24068	0.05997	93	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	6.1750	0.01000	6.1490	0.24068	0.05997	93	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.1800	0.06000	6.1490	0.24068	0.05997	93	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	6.1850	0.05000	6.1490	0.24068	0.05997	93	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.1900	0.02000	6.1490	0.24068	0.05997	93	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.2000	0.00000	6.1490	0.24068	0.05997	93	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.2050	0.09000	6.1490	0.24068	0.05997	93	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.2079	0.03430	6.1490	0.24068	0.05997	93	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.2100	0.00000	6.1490	0.24068	0.05997	93	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	6.2106	0.05680	6.1490	0.24068	0.05997	93	0.26	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0505	6.2150	0.01000	6.1490	0.24068	0.05997	93	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.2150	0.01000	6.1490	0.24068	0.05997	93	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	6.2200	0.08000	6.1490	0.24068	0.05997	93	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.2202	0.01570	6.1490	0.24068	0.05997	93	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.2250	0.01000	6.1490	0.24068	0.05997	93	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	6.2250	0.03000	6.1490	0.24068	0.05997	93	0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	6.2300	0.10000	6.1490	0.24068	0.05997	93	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	6.2300	0.02000	6.1490	0.24068	0.05997	93	0.34	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	6.2450	0.01000	6.1490	0.24068	0.05997	93	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	6.2450	0.01000	6.1490	0.24068	0.05997	93	0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.2500	0.10000	6.1490	0.24068	0.05997	93	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	6.2550	0.01000	6.1490	0.24068	0.05997	93	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	6.2551	0.15500	6.1490	0.24068	0.05997	93	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.2600	0.02000	6.1490	0.24068	0.05997	93	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.2600	0.04000	6.1490	0.24068	0.05997	93	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.2672	0.05930	6.1490	0.24068	0.05997	93	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.2700	0.12000	6.1490	0.24068	0.05997	93	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.2750	0.01000	6.1490	0.24068	0.05997	93	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.2805	0.04900	6.1490	0.24068	0.05997	93	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	6.3000	0.00000	6.1490	0.24068	0.05997	93	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.3000	0.00000	6.1490	0.24068	0.05997	93	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.3050	0.01000	6.1490	0.24068	0.05997	93	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.3050	0.01000	6.1490	0.24068	0.05997	93	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	6.3200	0.08000	6.1490	0.24068	0.05997	93	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	6.3200	0.00000	6.1490	0.24068	0.05997	93	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	6.3373	0.05490	6.1490	0.24068	0.05997	93	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0623	6.3430	0.10200	6.1490	0.24068	0.05997	93	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	6.3500	0.06000	6.1490	0.24068	0.05997	93	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.3650	0.01000	6.1490	0.24068	0.05997	93	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0062	6.3690	0.03000	6.1490	0.24068	0.05997	93	0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0646	6.3700	0.16000	6.1490	0.24068	0.05997	93	0.92	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.3750	0.03000	6.1490	0.24068	0.05997	93	0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.3800	0.00000	6.1490	0.24068	0.05997	93	0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	6.3839	0.01420	6.1490	0.24068	0.05997	93	0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.3900	0.08000	6.1490	0.24068	0.05997	93	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.4000	0.00000	6.1490	0.24068	0.05997	93	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.4100	0.16000	6.1490	0.24068	0.05997	93	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	6.4450	0.05000	6.1490	0.24068	0.05997	93	1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	6.5000	0.00000	6.1490	0.24068	0.05997	93	1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	0681	6.5000	0.00000	6.1490	0.24068	0.05997	93	1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.5350	0.17000	6.1490	0.24068	0.05997	93	1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.6500	0.10000	6.1490	0.24068	0.05997	93	2.08	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0852	6.6800	0.04000	6.1490	0.24068	0.05997	93	2.21	4%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.6979	0.11750	6.1490	0.24068	0.05997	93	6.44	13%	0
005.00	Ash, 2h @ 600°C (%)	0596	5.7350	0.75000	6.1490	0.24068	0.05997	93	-1.72	3%	1
005.05	Ash, 3h @ 550°C (%)	0720	6.0350	0.09000	6.3007	0.12033	0.04977	26	-2.21	2%	0
005.05	Ash, 3h @ 550°C (%)	0893	6.0600	0.02000	6.3007	0.12033	0.04977	26	-2.00	2%	0
005.05	Ash, 3h @ 550°C (%)	0897	6.1300	0.02000	6.3007	0.12033	0.04977	26	-1.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.1400	0.02000	6.3007	0.12033	0.04977	26	-1.34	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.1900	0.02000	6.3007	0.12033	0.04977	26	-0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.2000	0.00000	6.3007	0.12033	0.04977	26	-0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.2500	0.10000	6.3007	0.12033	0.04977	26	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0868	6.2550	0.09000	6.3007	0.12033	0.04977	26	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	6.2600	0.08000	6.3007	0.12033	0.04977	26	-0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.2636	0.01730	6.3007	0.12033	0.04977	26	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.2900	0.02000	6.3007	0.12033	0.04977	26	-0.09	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.3050	0.07000	6.3007	0.12033	0.04977	26	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	6.3080	0.01600	6.3007	0.12033	0.04977	26	0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	6.3150	0.01000	6.3007	0.12033	0.04977	26	0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.3200	0.04000	6.3007	0.12033	0.04977	26	0.16	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	6.3250	0.01000	6.3007	0.12033	0.04977	26	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0940	6.3350	0.15000	6.3007	0.12033	0.04977	26	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.3450	0.01000	6.3007	0.12033	0.04977	26	0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	6.3500	0.10000	6.3007	0.12033	0.04977	26	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	6.3541	0.10070	6.3007	0.12033	0.04977	26	0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	6.3900	0.00000	6.3007	0.12033	0.04977	26	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	6.4250	0.17000	6.3007	0.12033	0.04977	26	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	6.4400	0.00000	6.3007	0.12033	0.04977	26	1.16	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.4500	0.10000	6.3007	0.12033	0.04977	26	1.24	1%	0
005.05	Ash, 3h @ 550°C (%)	2126	6.4550	0.01000	6.3007	0.12033	0.04977	26	1.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	6.5950	0.03000	6.3007	0.12033	0.04977	26	2.45	2%	0
005.05	Ash, 3h @ 550°C (%)	0904	6.1750	0.23000	6.3007	0.12033	0.04977	26	-1.04	1%	1
005.11	Ash, NIR (%)	0720	0.72500	0.01000	6.1782	3.0805	0.07857	7	-1.77	44%	0
005.11	Ash, NIR (%)	0889	5.0600	0.20000	6.1782	3.0805	0.07857	7	-0.36	9%	0
005.11	Ash, NIR (%)	0297	5.0800	0.08000	6.1782	3.0805	0.07857	7	-0.36	9%	0
005.11	Ash, NIR (%)	0596	5.7750	0.05000	6.1782	3.0805	0.07857	7	-0.13	3%	0
005.11	Ash, NIR (%)	2120	7.6700	0.04000	6.1782	3.0805	0.07857	7	0.48	12%	0
005.11	Ash, NIR (%)	2121	8.1700	0.14000	6.1782	3.0805	0.07857	7	0.65	16%	0
005.11	Ash, NIR (%)	0852	9.9350	0.03000	6.1782	3.0805	0.07857	7	1.22	30%	0
005.11	Ash, NIR (%)	0613	6.4950	1.3500	6.1782	3.0805	0.07857	7	0.10	3%	1
005.99	Ash, Miscellaneous (%)	0202	5.8300	0.04000	6.2591	0.28942	0.07292	13	-1.48	3%	0
005.99	Ash, Miscellaneous (%)	2068	5.8780	0.00800	6.2591	0.28942	0.07292	13	-1.32	3%	0
005.99	Ash, Miscellaneous (%)	0574	5.8900	0.14000	6.2591	0.28942	0.07292	13	-1.28	3%	0
005.99	Ash, Miscellaneous (%)	0536	6.1000	0.08000	6.2591	0.28942	0.07292	13	-0.55	1%	0

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005.99	Ash, Miscellaneous (%)	0613	6.1900	0.22000	6.2591	0.28942	0.07292	13	-0.24	1%	0
005.99	Ash, Miscellaneous (%)	0629	6.3400	0.02000	6.2591	0.28942	0.07292	13	0.28	1%	0
005.99	Ash, Miscellaneous (%)	2004	6.3700	0.14000	6.2591	0.28942	0.07292	13	0.38	1%	0
005.99	Ash, Miscellaneous (%)	0652	6.4000	0.00000	6.2591	0.28942	0.07292	13	0.49	1%	0
005.99	Ash, Miscellaneous (%)	0884	6.4000	0.00000	6.2591	0.28942	0.07292	13	0.49	1%	0
005.99	Ash, Miscellaneous (%)	0910	6.4500	0.10000	6.2591	0.28942	0.07292	13	0.66	2%	0
005.99	Ash, Miscellaneous (%)	0644	6.4650	0.03000	6.2591	0.28942	0.07292	13	0.71	2%	0
005.99	Ash, Miscellaneous (%)	0728	6.4800	0.12000	6.2591	0.28942	0.07292	13	0.76	2%	0
005.99	Ash, Miscellaneous (%)	0676	6.5750	0.05000	6.2591	0.28942	0.07292	13	1.09	3%	0
006.00	Total sugars, As sucrose (%)	0910	3.9550	0.43000				2			0
006.00	Total sugars, As sucrose (%)	0939	4.3300	0.20000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	4.2000	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.5950	0.01000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	6.6000	0.10000				1			0
006.99	Total sugars, Miscellaneous (%)	0720	0.18000	0.18000	6.0075	0.06010	0.41667	3			0
006.99	Total sugars, Miscellaneous (%)	2004	5.9650	0.97000	6.0075	0.06010	0.41667	3			0
006.99	Total sugars, Miscellaneous (%)	0956	6.0500	0.10000	6.0075	0.06010	0.41667	3			0
008.02	Fiber, Acid Detergent (%)	0038	6.2000	0.38000	7.1462	0.68719	0.36801	14	-1.38	7%	0
008.02	Fiber, Acid Detergent (%)	0208	6.2800	1.4200	7.1462	0.68719	0.36801	14	-1.26	6%	0
008.02	Fiber, Acid Detergent (%)	0676	6.3700	1.4400	7.1462	0.68719	0.36801	14	-1.13	5%	0
008.02	Fiber, Acid Detergent (%)	0948	6.6350	0.11000	7.1462	0.68719	0.36801	14	-0.74	4%	0
008.02	Fiber, Acid Detergent (%)	0353	6.9500	0.04000	7.1462	0.68719	0.36801	14	-0.29	1%	0
008.02	Fiber, Acid Detergent (%)	0309	7.1254	0.03210	7.1462	0.68719	0.36801	14	-0.03	0%	0
008.02	Fiber, Acid Detergent (%)	0098	7.1550	0.29000	7.1462	0.68719	0.36801	14	0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0226	7.2500	0.10000	7.1462	0.68719	0.36801	14	0.15	1%	0
008.02	Fiber, Acid Detergent (%)	0148	7.2900	0.02000	7.1462	0.68719	0.36801	14	0.21	1%	0
008.02	Fiber, Acid Detergent (%)	0504	7.4250	0.31000	7.1462	0.68719	0.36801	14	0.41	2%	0
008.02	Fiber, Acid Detergent (%)	2129	7.5900	0.10000	7.1462	0.68719	0.36801	14	0.65	3%	0
008.02	Fiber, Acid Detergent (%)	0187	7.7700	0.16000	7.1462	0.68719	0.36801	14	0.91	4%	0
008.02	Fiber, Acid Detergent (%)	0728	7.8300	0.26000	7.1462	0.68719	0.36801	14	1.00	5%	0
008.02	Fiber, Acid Detergent (%)	0609	16.405	0.49000	7.1462	0.68719	0.36801	14	13.47	65%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	7.7500	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	4.9500	0.04000	6.7954	1.0267	0.29349	40	-1.80	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	5.2350	0.10990	6.7954	1.0267	0.29349	40	-1.52	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0868	5.3500	0.12000	6.7954	1.0267	0.29349	40	-1.41	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	5.3950	0.09000	6.7954	1.0267	0.29349	40	-1.36	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	5.6400	0.16000	6.7954	1.0267	0.29349	40	-1.13	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	5.7500	0.00000	6.7954	1.0267	0.29349	40	-1.02	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	5.7750	0.05000	6.7954	1.0267	0.29349	40	-0.99	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	5.8250	0.53000	6.7954	1.0267	0.29349	40	-0.95	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	5.9000	0.40000	6.7954	1.0267	0.29349	40	-0.87	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	6.0150	0.07000	6.7954	1.0267	0.29349	40	-0.76	6%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.0500	0.10000	6.7954	1.0267	0.29349	40	-0.73	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.0500	0.30000	6.7954	1.0267	0.29349	40	-0.73	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	6.0700	0.72000	6.7954	1.0267	0.29349	40	-0.71	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.2500	0.04000	6.7954	1.0267	0.29349	40	-0.53	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.5500	0.50000	6.7954	1.0267	0.29349	40	-0.24	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	6.5500	0.30000	6.7954	1.0267	0.29349	40	-0.24	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	6.5600	0.28000	6.7954	1.0267	0.29349	40	-0.23	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	6.5900	0.08000	6.7954	1.0267	0.29349	40	-0.20	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	6.6900	0.36000	6.7954	1.0267	0.29349	40	-0.10	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.8000	0.66000	6.7954	1.0267	0.29349	40	0.00	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	6.9400	0.02000	6.7954	1.0267	0.29349	40	0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.1800	0.04000	6.7954	1.0267	0.29349	40	0.37	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	7.2000	0.20000	6.7954	1.0267	0.29349	40	0.39	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	7.2000	0.02000	6.7954	1.0267	0.29349	40	0.39	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.2956	0.40050	6.7954	1.0267	0.29349	40	0.49	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	7.3000	0.40000	6.7954	1.0267	0.29349	40	0.49	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	7.3000	0.20000	6.7954	1.0267	0.29349	40	0.49	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	7.3300	0.90000	6.7954	1.0267	0.29349	40	0.52	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	7.3650	0.07000	6.7954	1.0267	0.29349	40	0.55	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	7.5300	0.28000	6.7954	1.0267	0.29349	40	0.72	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	7.5450	0.25000	6.7954	1.0267	0.29349	40	0.73	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	7.5900	0.54000	6.7954	1.0267	0.29349	40	0.77	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0034	7.6150	0.07000	6.7954	1.0267	0.29349	40	0.80	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	7.6350	0.31000	6.7954	1.0267	0.29349	40	0.82	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	7.7514	0.50010	6.7954	1.0267	0.29349	40	0.93	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	7.8800	0.16000	6.7954	1.0267	0.29349	40	1.06	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	7.9100	0.94000	6.7954	1.0267	0.29349	40	1.09	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	8.2578	0.18900	6.7954	1.0267	0.29349	40	1.42	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	9.3100	0.94000	6.7954	1.0267	0.29349	40	2.45	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	9.4000	0.40000	6.7954	1.0267	0.29349	40	2.54	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	9.0824	2.9378	6.7954	1.0267	0.29349	40	2.23	17%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	4.3650	0.05000	5.7800	1.2587	0.34667	3			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	6.2000	0.20000	5.7800	1.2587	0.34667	3			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	6.7750	0.79000	5.7800	1.2587	0.34667	3			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	15.020	0.50000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	12.400	0.40000	15.613	2.4281	0.56874	9	-1.32	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	14.145	0.11000	15.613	2.4281	0.56874	9	-0.60	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	14.475	0.01000	15.613	2.4281	0.56874	9	-0.47	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	14.650	0.12000	15.613	2.4281	0.56874	9	-0.40	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	14.700	1.6000	15.613	2.4281	0.56874	9	-0.38	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	15.900	0.00000	15.613	2.4281	0.56874	9	0.12	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	16.910	0.54000	15.613	2.4281	0.56874	9	0.53	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	18.085	0.46870	15.613	2.4281	0.56874	9	1.02	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	46.075	1.8700	15.613	2.4281	0.56874	9	12.55	98%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	11.900	0.20000	14.778	1.8278	0.36713	32	-1.57	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	12.430	0.48000	14.778	1.8278	0.36713	32	-1.28	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	12.500	0.40000	14.778	1.8278	0.36713	32	-1.25	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	12.705	0.19000	14.778	1.8278	0.36713	32	-1.13	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0868	12.705	0.25000	14.778	1.8278	0.36713	32	-1.13	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	12.750	0.50000	14.778	1.8278	0.36713	32	-1.11	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	12.960	0.02000	14.778	1.8278	0.36713	32	-0.99	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	13.100	1.0000	14.778	1.8278	0.36713	32	-0.92	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	13.400	0.26000	14.778	1.8278	0.36713	32	-0.75	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	13.650	0.10000	14.778	1.8278	0.36713	32	-0.62	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	13.750	0.30000	14.778	1.8278	0.36713	32	-0.56	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	13.794	0.17500	14.778	1.8278	0.36713	32	-0.54	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	14.500	0.00000	14.778	1.8278	0.36713	32	-0.15	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	14.770	0.12000	14.778	1.8278	0.36713	32	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	15.050	0.26000	14.778	1.8278	0.36713	32	0.15	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	15.115	0.37000	14.778	1.8278	0.36713	32	0.18	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	15.200	0.33100	14.778	1.8278	0.36713	32	0.23	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	15.269	0.36640	14.778	1.8278	0.36713	32	0.27	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	15.390	0.32000	14.778	1.8278	0.36713	32	0.33	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	15.480	0.80000	14.778	1.8278	0.36713	32	0.38	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	15.505	0.71000	14.778	1.8278	0.36713	32	0.40	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	15.535	0.03000	14.778	1.8278	0.36713	32	0.41	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	15.659	1.0456	14.778	1.8278	0.36713	32	0.48	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	15.700	0.40000	14.778	1.8278	0.36713	32	0.50	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	15.710	0.44000	14.778	1.8278	0.36713	32	0.51	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	16.055	0.83000	14.778	1.8278	0.36713	32	0.70	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	16.350	0.10000	14.778	1.8278	0.36713	32	0.86	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	16.740	0.14000	14.778	1.8278	0.36713	32	1.07	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	16.850	0.10000	14.778	1.8278	0.36713	32	1.13	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	17.200	0.20000	14.778	1.8278	0.36713	32	1.33	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	18.320	0.48000	14.778	1.8278	0.36713	32	1.94	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	19.685	0.83000	14.778	1.8278	0.36713	32	2.68	17%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	17.108	1.6293	14.778	1.8278	0.36713	32	1.27	8%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	14.540	0.04000	14.980	0.62225	0.81333	3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	15.420	0.02000	14.980	0.62225	0.81333	3			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	17.540	2.3800	14.980	0.62225	0.81333	3			0
010.03	Moisture, Karl-Fischer (%)	0843	7.2800	0.08000	7.7617	0.41930	0.17000	3			0
010.03	Moisture, Karl-Fischer (%)	0208	7.9600	0.38000	7.7617	0.41930	0.17000	3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.0450	0.05000	7.7617	0.41930	0.17000	3			0
010.11	Moisture, NIR (%)	0889	7.6950	0.01000	8.5193	0.80251	0.03000	7	-1.03	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
010.11	Moisture, NIR (%)	2121	7.9650	0.01000	8.5193	0.80251	0.03000	7	-0.69	3%	0
010.11	Moisture, NIR (%)	0596	8.1000	0.02000	8.5193	0.80251	0.03000	7	-0.52	2%	0
010.11	Moisture, NIR (%)	2120	8.1550	0.03000	8.5193	0.80251	0.03000	7	-0.45	2%	0
010.11	Moisture, NIR (%)	0553	8.9600	0.06000	8.5193	0.80251	0.03000	7	0.55	3%	0
010.11	Moisture, NIR (%)	0720	9.2500	0.02000	8.5193	0.80251	0.03000	7	0.91	4%	0
010.11	Moisture, NIR (%)	0852	9.5100	0.06000	8.5193	0.80251	0.03000	7	1.23	6%	0
010.99	Moisture, Miscellaneous (%)	0028	7.3200	0.02000	8.1050	0.44110	0.10553	20	-1.78	5%	0
010.99	Moisture, Miscellaneous (%)	0722	7.4792	0.03050	8.1050	0.44110	0.10553	20	-1.42	4%	0
010.99	Moisture, Miscellaneous (%)	0019	7.6200	0.34000	8.1050	0.44110	0.10553	20	-1.10	3%	0
010.99	Moisture, Miscellaneous (%)	2004	7.7400	0.02000	8.1050	0.44110	0.10553	20	-0.83	2%	0
010.99	Moisture, Miscellaneous (%)	0910	7.7500	0.10000	8.1050	0.44110	0.10553	20	-0.80	2%	0
010.99	Moisture, Miscellaneous (%)	0948	7.8900	0.02000	8.1050	0.44110	0.10553	20	-0.49	1%	0
010.99	Moisture, Miscellaneous (%)	0884	7.9500	0.10000	8.1050	0.44110	0.10553	20	-0.35	1%	0
010.99	Moisture, Miscellaneous (%)	0656	8.0050	0.17000	8.1050	0.44110	0.10553	20	-0.23	1%	0
010.99	Moisture, Miscellaneous (%)	0917	8.0500	0.10000	8.1050	0.44110	0.10553	20	-0.12	0%	0
010.99	Moisture, Miscellaneous (%)	0692	8.0650	0.23000	8.1050	0.44110	0.10553	20	-0.09	0%	0
010.99	Moisture, Miscellaneous (%)	0405	8.1950	0.05000	8.1050	0.44110	0.10553	20	0.20	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.2000	0.18000	8.1050	0.44110	0.10553	20	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0952	8.2000	0.04000	8.1050	0.44110	0.10553	20	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	2129	8.2300	0.08000	8.1050	0.44110	0.10553	20	0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0921	8.2650	0.05000	8.1050	0.44110	0.10553	20	0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0726	8.3150	0.03000	8.1050	0.44110	0.10553	20	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0190	8.4900	0.08000	8.1050	0.44110	0.10553	20	0.87	2%	0
010.99	Moisture, Miscellaneous (%)	2089	8.6800	0.02000	8.1050	0.44110	0.10553	20	1.30	4%	0
010.99	Moisture, Miscellaneous (%)	2105	8.9100	0.26000	8.1050	0.44110	0.10553	20	1.82	5%	0
010.99	Moisture, Miscellaneous (%)	2066	9.5350	0.19000	8.1050	0.44110	0.10553	20	3.24	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	6.4500	0.30000	8.8177	0.38989	0.12765	69	-6.07	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	7.2785	0.14100	8.8177	0.38989	0.12765	69	-3.95	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.3000	0.00000	8.8177	0.38989	0.12765	69	-3.89	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.9050	0.07000	8.8177	0.38989	0.12765	69	-2.34	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.0950	0.07000	8.8177	0.38989	0.12765	69	-1.85	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.1150	0.05000	8.8177	0.38989	0.12765	69	-1.80	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.2300	0.14000	8.8177	0.38989	0.12765	69	-1.51	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.2700	0.10000	8.8177	0.38989	0.12765	69	-1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.2900	0.14000	8.8177	0.38989	0.12765	69	-1.35	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.2950	0.39000	8.8177	0.38989	0.12765	69	-1.34	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	8.3250	0.31000	8.8177	0.38989	0.12765	69	-1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.4070	0.05000	8.8177	0.38989	0.12765	69	-1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.5000	0.20000	8.8177	0.38989	0.12765	69	-0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.5150	0.49000	8.8177	0.38989	0.12765	69	-0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.5258	0.16880	8.8177	0.38989	0.12765	69	-0.75	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.5300	0.12000	8.8177	0.38989	0.12765	69	-0.74	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	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.5400	0.22000	8.8177	0.38989	0.12765	69	-0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.5700	0.36000	8.8177	0.38989	0.12765	69	-0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	8.5800	0.06000	8.8177	0.38989	0.12765	69	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	8.5900	0.08000	8.8177	0.38989	0.12765	69	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.6000	0.00000	8.8177	0.38989	0.12765	69	-0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.6141	0.16820	8.8177	0.38989	0.12765	69	-0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.6410	0.01400	8.8177	0.38989	0.12765	69	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.7300	0.02000	8.8177	0.38989	0.12765	69	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	8.7637	0.05580	8.8177	0.38989	0.12765	69	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	8.7765	0.00900	8.8177	0.38989	0.12765	69	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.7800	0.10000	8.8177	0.38989	0.12765	69	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.7850	0.31000	8.8177	0.38989	0.12765	69	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.7949	0.06330	8.8177	0.38989	0.12765	69	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.8000	0.00000	8.8177	0.38989	0.12765	69	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.8000	0.00000	8.8177	0.38989	0.12765	69	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.8000	0.16000	8.8177	0.38989	0.12765	69	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.8300	0.08000	8.8177	0.38989	0.12765	69	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.8500	0.00000	8.8177	0.38989	0.12765	69	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.8520	0.01600	8.8177	0.38989	0.12765	69	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.8740	0.00200	8.8177	0.38989	0.12765	69	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.8788	0.07030	8.8177	0.38989	0.12765	69	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.8850	0.19000	8.8177	0.38989	0.12765	69	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.9050	0.07000	8.8177	0.38989	0.12765	69	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.9200	0.00000	8.8177	0.38989	0.12765	69	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.9300	0.00000	8.8177	0.38989	0.12765	69	0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.9350	0.09000	8.8177	0.38989	0.12765	69	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.9450	0.03000	8.8177	0.38989	0.12765	69	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.9450	0.09000	8.8177	0.38989	0.12765	69	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	8.9705	0.29500	8.8177	0.38989	0.12765	69	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.0092	0.03640	8.8177	0.38989	0.12765	69	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.0150	0.01000	8.8177	0.38989	0.12765	69	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.0300	0.08000	8.8177	0.38989	0.12765	69	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.0300	0.42000	8.8177	0.38989	0.12765	69	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.0450	0.11000	8.8177	0.38989	0.12765	69	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.0500	0.10000	8.8177	0.38989	0.12765	69	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.0550	0.11400	8.8177	0.38989	0.12765	69	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.0650	0.13000	8.8177	0.38989	0.12765	69	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.0900	0.02000	8.8177	0.38989	0.12765	69	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.1400	0.30000	8.8177	0.38989	0.12765	69	0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.1400	0.12000	8.8177	0.38989	0.12765	69	0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.1500	0.26000	8.8177	0.38989	0.12765	69	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.1500	0.10000	8.8177	0.38989	0.12765	69	0.85	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0098	9.1600	0.14000	8.8177	0.38989	0.12765	69	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.1830	0.25400	8.8177	0.38989	0.12765	69	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.1900	0.24000	8.8177	0.38989	0.12765	69	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.2400	0.18000	8.8177	0.38989	0.12765	69	1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.2650	0.03000	8.8177	0.38989	0.12765	69	1.15	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.2900	0.08000	8.8177	0.38989	0.12765	69	1.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.3400	0.06000	8.8177	0.38989	0.12765	69	1.34	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	9.4300	0.18000	8.8177	0.38989	0.12765	69	1.57	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.5000	0.40000	8.8177	0.38989	0.12765	69	1.75	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.5800	0.08000	8.8177	0.38989	0.12765	69	1.96	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.7850	0.07000	8.8177	0.38989	0.12765	69	2.48	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.701	3.4143	8.8177	0.38989	0.12765	69	4.83	11%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.4700	0.28000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.8300	0.04000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	7.4250	0.33000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.2500	0.30000	8.6750	0.29850	0.21500	4	-1.42	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.7000	0.00000	8.6750	0.29850	0.21500	4	0.08	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.8200	0.34000	8.6750	0.29850	0.21500	4	0.49	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.9300	0.22000	8.6750	0.29850	0.21500	4	0.85	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	32.180	0.00000	33.091	0.68790	0.13800	10	-1.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	32.245	0.25000	33.091	0.68790	0.13800	10	-1.23	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0868	32.650	0.10000	33.091	0.68790	0.13800	10	-0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	32.700	0.00000	33.091	0.68790	0.13800	10	-0.57	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	33.250	0.50000	33.091	0.68790	0.13800	10	0.23	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	33.400	0.00000	33.091	0.68790	0.13800	10	0.45	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	33.425	0.33000	33.091	0.68790	0.13800	10	0.49	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	33.460	0.00000	33.091	0.68790	0.13800	10	0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	33.650	0.10000	33.091	0.68790	0.13800	10	0.81	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	33.950	0.10000	33.091	0.68790	0.13800	10	1.25	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	33.165	1.3300	33.091	0.68790	0.13800	10	0.11	0%	1
012.01	Starch, Megazyme (%)	0676	28.065	0.09000	30.412	2.1093	1.0822	8	-1.11	4%	0
012.01	Starch, Megazyme (%)	0918	28.564	0.97800	30.412	2.1093	1.0822	8	-0.88	3%	0
012.01	Starch, Megazyme (%)	0956	29.000	1.8000	30.412	2.1093	1.0822	8	-0.67	2%	0
012.01	Starch, Megazyme (%)	0613	29.880	2.3200	30.412	2.1093	1.0822	8	-0.25	1%	0
012.01	Starch, Megazyme (%)	2004	31.200	0.60000	30.412	2.1093	1.0822	8	0.37	1%	0
012.01	Starch, Megazyme (%)	0870	31.458	0.96980	30.412	2.1093	1.0822	8	0.50	2%	0
012.01	Starch, Megazyme (%)	0045	31.550	1.3000	30.412	2.1093	1.0822	8	0.54	2%	0
012.01	Starch, Megazyme (%)	0265	36.300	0.60000	30.412	2.1093	1.0822	8	2.79	10%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	34.570	0.68000				1			0
012.03	Starch, Enzymatic (%)	0098	30.800	1.6000	33.073	1.8364	0.54553	4	-1.24	3%	0
012.03	Starch, Enzymatic (%)	0889	31.000	0.14000	33.073	1.8364	0.54553	4	-1.13	3%	0
012.03	Starch, Enzymatic (%)	0407	33.725	0.11210	33.073	1.8364	0.54553	4	0.35	1%	0

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012.03	Starch, Enzymatic (%)	0297	34.495	0.33000	33.073	1.8364	0.54553	4	0.77	2%	0
012.04	Starch, YSI Analyzer (%)	0510	29.500	0.60000	30.101	0.35543	0.31000	5	-1.69	1%	0
012.04	Starch, YSI Analyzer (%)	0278	30.100	0.20000	30.101	0.35543	0.31000	5	0.00	0%	0
012.04	Starch, YSI Analyzer (%)	0353	30.200	0.06000	30.101	0.35543	0.31000	5	0.28	0%	0
012.04	Starch, YSI Analyzer (%)	0948	30.290	0.62000	30.101	0.35543	0.31000	5	0.53	0%	0
012.04	Starch, YSI Analyzer (%)	0160	30.415	0.07000	30.101	0.35543	0.31000	5	0.88	1%	0
012.11	Starch, NIR (%)	0852	31.120	0.08000	32.599	2.2122	0.17800	5	-0.67	2%	0
012.11	Starch, NIR (%)	0297	31.165	0.43000	32.599	2.2122	0.17800	5	-0.65	2%	0
012.11	Starch, NIR (%)	0889	31.445	0.05000	32.599	2.2122	0.17800	5	-0.52	2%	0
012.11	Starch, NIR (%)	0720	32.940	0.04000	32.599	2.2122	0.17800	5	0.15	1%	0
012.11	Starch, NIR (%)	0596	36.325	0.29000	32.599	2.2122	0.17800	5	1.68	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	6.0950	0.19000	6.8941	0.63178	0.20699	18	-1.26	6%	0
013.00	Fat, Acid hydrolysis (%)	0555	6.2000	0.60000	6.8941	0.63178	0.20699	18	-1.10	5%	0
013.00	Fat, Acid hydrolysis (%)	0242	6.2800	0.54000	6.8941	0.63178	0.20699	18	-0.97	4%	0
013.00	Fat, Acid hydrolysis (%)	0904	6.2800	0.28000	6.8941	0.63178	0.20699	18	-0.97	4%	0
013.00	Fat, Acid hydrolysis (%)	0689	6.4500	0.30000	6.8941	0.63178	0.20699	18	-0.70	3%	0
013.00	Fat, Acid hydrolysis (%)	0681	6.5100	0.10000	6.8941	0.63178	0.20699	18	-0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	6.6100	0.40000	6.8941	0.63178	0.20699	18	-0.45	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	6.6150	0.01000	6.8941	0.63178	0.20699	18	-0.44	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	6.8500	0.10000	6.8941	0.63178	0.20699	18	-0.07	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	6.8500	0.10000	6.8941	0.63178	0.20699	18	-0.07	0%	0
013.00	Fat, Acid hydrolysis (%)	0139	7.1150	0.03000	6.8941	0.63178	0.20699	18	0.35	2%	0
013.00	Fat, Acid hydrolysis (%)	0504	7.1200	0.10000	6.8941	0.63178	0.20699	18	0.36	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	7.1900	0.18000	6.8941	0.63178	0.20699	18	0.47	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	7.2796	0.08180	6.8941	0.63178	0.20699	18	0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	2057	7.2800	0.32000	6.8941	0.63178	0.20699	18	0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	2076	7.7440	0.18400	6.8941	0.63178	0.20699	18	1.35	6%	0
013.00	Fat, Acid hydrolysis (%)	2089	7.7950	0.21000	6.8941	0.63178	0.20699	18	1.43	7%	0
013.00	Fat, Acid hydrolysis (%)	0202	7.8300	0.00000	6.8941	0.63178	0.20699	18	1.48	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0853	6.6150	0.05000	7.2044	0.50157	0.13594	19	-1.18	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	6.6350	0.37000	7.2044	0.50157	0.13594	19	-1.14	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	6.6950	0.05000	7.2044	0.50157	0.13594	19	-1.02	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.7600	0.12000	7.2044	0.50157	0.13594	19	-0.89	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	6.8650	0.19000	7.2044	0.50157	0.13594	19	-0.68	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.8800	0.22000	7.2044	0.50157	0.13594	19	-0.65	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	6.9000	0.06000	7.2044	0.50157	0.13594	19	-0.61	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	6.9350	0.09000	7.2044	0.50157	0.13594	19	-0.54	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	7.0476	0.11290	7.2044	0.50157	0.13594	19	-0.31	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	7.1500	0.14000	7.2044	0.50157	0.13594	19	-0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0656	7.2150	0.21000	7.2044	0.50157	0.13594	19	0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	7.2900	0.12000	7.2044	0.50157	0.13594	19	0.17	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	7.3600	0.06000	7.2044	0.50157	0.13594	19	0.31	1%	0



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013.02	Fat, Mojonnier, Bak Ext (%)	0171	7.5250	0.11000	7.2044	0.50157	0.13594	19	0.64	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	7.6300	0.08000	7.2044	0.50157	0.13594	19	0.85	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	7.7700	0.18000	7.2044	0.50157	0.13594	19	1.13	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	7.8000	0.00000	7.2044	0.50157	0.13594	19	1.19	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	7.8550	0.37000	7.2044	0.50157	0.13594	19	1.30	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	8.2350	0.05000	7.2044	0.50157	0.13594	19	2.05	7%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	4.3350	0.31000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	4.9123	0.07760	6.3262	0.44945	0.08793	6	-3.15	11%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	6.2200	0.04000	6.3262	0.44945	0.08793	6	-0.24	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	6.2500	0.10000	6.3262	0.44945	0.08793	6	-0.17	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	6.4000	0.20000	6.3262	0.44945	0.08793	6	0.16	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	6.6850	0.01000	6.3262	0.44945	0.08793	6	0.80	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	6.7500	0.10000	6.3262	0.44945	0.08793	6	0.94	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.5350	0.89000	6.3262	0.44945	0.08793	6	0.46	2%	1
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.6600	0.10000	7.4333	0.67002	0.11333	3			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	7.8000	0.20000	7.4333	0.67002	0.11333	3			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	7.8400	0.04000	7.4333	0.67002	0.11333	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	88.858	3.6340	98.469	10.394	1.7113	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	97.050	0.50000	98.469	10.394	1.7113	3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	109.50	1.0000	98.469	10.394	1.7113	3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	103.85	2.9000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	84.000	2.0000	109.59	16.033	2.9635	7	-1.60	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	96.116	3.7447	109.59	16.033	2.9635	7	-0.84	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	108.50	1.0000	109.59	16.033	2.9635	7	-0.07	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	115.50	1.0000	109.59	16.033	2.9635	7	0.37	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	117.00	2.0000	109.59	16.033	2.9635	7	0.46	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	118.50	1.0000	109.59	16.033	2.9635	7	0.56	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2033	126.00	10.000	109.59	16.033	2.9635	7	1.02	7%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0638	117.80	6.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	11.145	0.63000				1			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.065	0.65000	13.162	4.7785	0.90408	5	-0.65	12%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.650	0.10000	13.162	4.7785	0.90408	5	-0.53	10%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	11.672	0.25040	13.162	4.7785	0.90408	5	-0.31	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	20.260	0.32000	13.162	4.7785	0.90408	5	1.49	27%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	29.600	3.2000	13.162	4.7785	0.90408	5	3.44	62%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	1.0000	0.00000	11.202	7.7719	0.11220	5	-1.31	46%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.000	0.20000	11.202	7.7719	0.11220	5	-0.15	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	11.000	0.00000	11.202	7.7719	0.11220	5	-0.03	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	11.145	0.29000	11.202	7.7719	0.11220	5	-0.01	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0508	22.866	0.07100	11.202	7.7719	0.11220	5	1.50	52%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	13.000	2.0000	11.202	7.7719	0.11220	5	0.23	8%	1
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0638	11.030	0.10000				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	0.95500	0.01000	1.0483	0.05003	0.02438	16	-1.87	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	0.96650	0.00100	1.0483	0.05003	0.02438	16	-1.64	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.0180	0.02800	1.0483	0.05003	0.02438	16	-0.61	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0245	0.02700	1.0483	0.05003	0.02438	16	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.0300	0.00000	1.0483	0.05003	0.02438	16	-0.37	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0868	1.0350	0.03000	1.0483	0.05003	0.02438	16	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.0400	0.02000	1.0483	0.05003	0.02438	16	-0.17	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0440	0.00020	1.0483	0.05003	0.02438	16	-0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.0447	0.05550	1.0483	0.05003	0.02438	16	-0.07	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.0500	0.00000	1.0483	0.05003	0.02438	16	0.03	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.0575	0.03500	1.0483	0.05003	0.02438	16	0.18	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.0587	0.11050	1.0483	0.05003	0.02438	16	0.21	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	1.0628	0.00290	1.0483	0.05003	0.02438	16	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.1150	0.03000	1.0483	0.05003	0.02438	16	1.33	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.1500	0.00000	1.0483	0.05003	0.02438	16	2.03	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.3600	0.04000	1.0483	0.05003	0.02438	16	6.23	15%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	0.97250	0.13300	1.0483	0.05003	0.02438	16	-1.52	4%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.0879	0.00560				1			0
019.08	Calcium, EDTA (%)	0849	1.0235	0.04700	1.0529	0.02829	0.03734	9	-1.04	1%	0
019.08	Calcium, EDTA (%)	0138	1.0250	0.03000	1.0529	0.02829	0.03734	9	-0.98	1%	0
019.08	Calcium, EDTA (%)	0629	1.0350	0.01000	1.0529	0.02829	0.03734	9	-0.63	1%	0
019.08	Calcium, EDTA (%)	0885	1.0432	0.01750	1.0529	0.02829	0.03734	9	-0.34	0%	0
019.08	Calcium, EDTA (%)	0689	1.0450	0.05000	1.0529	0.02829	0.03734	9	-0.28	0%	0
019.08	Calcium, EDTA (%)	2009	1.0588	0.00160	1.0529	0.02829	0.03734	9	0.21	0%	0
019.08	Calcium, EDTA (%)	0590	1.0700	0.02000	1.0529	0.02829	0.03734	9	0.61	1%	0
019.08	Calcium, EDTA (%)	0940	1.0800	0.06000	1.0529	0.02829	0.03734	9	0.96	1%	0
019.08	Calcium, EDTA (%)	0852	1.1500	0.10000	1.0529	0.02829	0.03734	9	3.43	5%	0
019.09	Calcium, Ion-selective electrode (%)	2109	0.94750	0.01700				2			0
019.09	Calcium, Ion-selective electrode (%)	2006	0.96900	0.06000				2			0
019.31	Calcium, AAS, Dry ash (%)	0596	0.84000	0.02000	1.0517	0.05188	0.02522	27	-4.08	10%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.98200	0.05600	1.0517	0.05188	0.02522	27	-1.34	3%	0
019.31	Calcium, AAS, Dry ash (%)	0689	0.99000	0.00000	1.0517	0.05188	0.02522	27	-1.19	3%	0
019.31	Calcium, AAS, Dry ash (%)	0904	0.99500	0.03000	1.0517	0.05188	0.02522	27	-1.09	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0100	0.02000	1.0517	0.05188	0.02522	27	-0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.0180	0.02000	1.0517	0.05188	0.02522	27	-0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.0250	0.01800	1.0517	0.05188	0.02522	27	-0.51	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.0260	0.00000	1.0517	0.05188	0.02522	27	-0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.0264	0.01360	1.0517	0.05188	0.02522	27	-0.49	1%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.0300	0.00000	1.0517	0.05188	0.02522	27	-0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0344	0.05430	1.0517	0.05188	0.02522	27	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.0345	0.03900	1.0517	0.05188	0.02522	27	-0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.0350	0.01000	1.0517	0.05188	0.02522	27	-0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0505	1.0400	0.08000	1.0517	0.05188	0.02522	27	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	2126	1.0450	0.03000	1.0517	0.05188	0.02522	27	-0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.0509	0.00710	1.0517	0.05188	0.02522	27	-0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.0650	0.01000	1.0517	0.05188	0.02522	27	0.26	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.0715	0.00300	1.0517	0.05188	0.02522	27	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0638	1.0750	0.01000	1.0517	0.05188	0.02522	27	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.0800	0.06000	1.0517	0.05188	0.02522	27	0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.0800	0.06000	1.0517	0.05188	0.02522	27	0.55	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.1000	0.02000	1.0517	0.05188	0.02522	27	0.93	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1050	0.01000	1.0517	0.05188	0.02522	27	1.03	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.1150	0.01000	1.0517	0.05188	0.02522	27	1.22	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.1450	0.07000	1.0517	0.05188	0.02522	27	1.80	4%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.2100	0.02000	1.0517	0.05188	0.02522	27	3.05	8%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.2150	0.01000	1.0517	0.05188	0.02522	27	3.15	8%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1900	0.14000	1.0517	0.05188	0.02522	27	2.67	7%	1
019.32	Calcium, AAS, Open vessel (%)	0612	1.0600	0.00000	1.0894	0.03125	0.01575	4	-0.94	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.0650	0.03000	1.0894	0.03125	0.01575	4	-0.78	1%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.1125	0.01300	1.0894	0.03125	0.01575	4	0.74	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.1200	0.02000	1.0894	0.03125	0.01575	4	0.98	1%	0
019.33	Calcium, AAS, Microwave (%)	0010	1.1100	0.02000				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	0.94000	0.04000	1.0735	0.05144	0.01635	31	-2.60	6%	0
019.41	Calcium, ICP, Dry ash (%)	0720	0.96500	0.01000	1.0735	0.05144	0.01635	31	-2.11	5%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0000	0.04000	1.0735	0.05144	0.01635	31	-1.43	3%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.0100	0.02000	1.0735	0.05144	0.01635	31	-1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.0204	0.01180	1.0735	0.05144	0.01635	31	-1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.0300	0.00000	1.0735	0.05144	0.01635	31	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.0400	0.02000	1.0735	0.05144	0.01635	31	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.0400	0.00000	1.0735	0.05144	0.01635	31	-0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.0450	0.01000	1.0735	0.05144	0.01635	31	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0500	0.03400	1.0735	0.05144	0.01635	31	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.0500	0.00000	1.0735	0.05144	0.01635	31	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	2126	1.0500	0.02000	1.0735	0.05144	0.01635	31	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.0600	0.00000	1.0735	0.05144	0.01635	31	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0650	0.02800	1.0735	0.05144	0.01635	31	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0700	0.02000	1.0735	0.05144	0.01635	31	-0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.0795	0.00500	1.0735	0.05144	0.01635	31	0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0800	0.00000	1.0735	0.05144	0.01635	31	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.0800	0.00000	1.0735	0.05144	0.01635	31	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.0900	0.02000	1.0735	0.05144	0.01635	31	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.0900	0.02000	1.0735	0.05144	0.01635	31	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.0950	0.05000	1.0735	0.05144	0.01635	31	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.1000	0.04000	1.0735	0.05144	0.01635	31	0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash (%)	0868	1.1000	0.00000	1.0735	0.05144	0.01635	31	0.51	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.1100	0.04000	1.0735	0.05144	0.01635	31	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1100	0.00000	1.0735	0.05144	0.01635	31	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.1100	0.00000	1.0735	0.05144	0.01635	31	0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.1250	0.03000	1.0735	0.05144	0.01635	31	1.00	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1350	0.00200	1.0735	0.05144	0.01635	31	1.20	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.1500	0.02000	1.0735	0.05144	0.01635	31	1.49	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.1506	0.01590	1.0735	0.05144	0.01635	31	1.50	4%	0
019.41	Calcium, ICP, Dry ash (%)	2089	1.1650	0.01000	1.0735	0.05144	0.01635	31	1.78	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	0.96500	0.11000	1.0735	0.05144	0.01635	31	-2.11	5%	1
019.41	Calcium, ICP, Dry ash (%)	0413	1.0500	0.10000	1.0735	0.05144	0.01635	31	-0.46	1%	1
019.42	Calcium, ICP, Open vessel (%)	2129	0.96400	0.02000	1.1008	0.07892	0.02196	23	-1.73	6%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.0200	0.02000	1.1008	0.07892	0.02196	23	-1.02	4%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.0250	0.05000	1.1008	0.07892	0.02196	23	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.0300	0.06000	1.1008	0.07892	0.02196	23	-0.90	3%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.0300	0.04000	1.1008	0.07892	0.02196	23	-0.90	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.0450	0.05000	1.1008	0.07892	0.02196	23	-0.71	3%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.0550	0.01000	1.1008	0.07892	0.02196	23	-0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.0700	0.04000	1.1008	0.07892	0.02196	23	-0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0700	0.06000	1.1008	0.07892	0.02196	23	-0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.0719	0.01200	1.1008	0.07892	0.02196	23	-0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.0800	0.00000	1.1008	0.07892	0.02196	23	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1000	0.02000	1.1008	0.07892	0.02196	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.1000	0.00000	1.1008	0.07892	0.02196	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.1000	0.00000	1.1008	0.07892	0.02196	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	2110	1.1000	0.00000	1.1008	0.07892	0.02196	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.1125	0.02100	1.1008	0.07892	0.02196	23	0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.1440	0.00200	1.1008	0.07892	0.02196	23	0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.1500	0.00000	1.1008	0.07892	0.02196	23	0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1750	0.03000	1.1008	0.07892	0.02196	23	0.94	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.2050	0.01000	1.1008	0.07892	0.02196	23	1.32	5%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.2150	0.03000	1.1008	0.07892	0.02196	23	1.45	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2250	0.01000	1.1008	0.07892	0.02196	23	1.57	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2700	0.02000	1.1008	0.07892	0.02196	23	2.14	8%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.0650	0.11000	1.1008	0.07892	0.02196	23	-0.45	2%	1
019.43	Calcium, ICP, Microwave (%)	0876	0.46000	0.02000	1.0696	0.07718	0.02085	20	-7.90	28%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.95000	0.02000	1.0696	0.07718	0.02085	20	-1.55	6%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.99000	0.00000	1.0696	0.07718	0.02085	20	-1.03	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	0.99450	0.03100	1.0696	0.07718	0.02085	20	-0.97	4%	0
019.43	Calcium, ICP, Microwave (%)	0638	1.0165	0.01900	1.0696	0.07718	0.02085	20	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0416	0.04150	1.0696	0.07718	0.02085	20	-0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.0425	0.03700	1.0696	0.07718	0.02085	20	-0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0861	1.0550	0.01000	1.0696	0.07718	0.02085	20	-0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.0600	0.02000	1.0696	0.07718	0.02085	20	-0.12	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.0610	0.00400	1.0696	0.07718	0.02085	20	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.0620	0.02400	1.0696	0.07718	0.02085	20	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.0650	0.05000	1.0696	0.07718	0.02085	20	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.1000	0.00000	1.0696	0.07718	0.02085	20	0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.1020	0.00200	1.0696	0.07718	0.02085	20	0.42	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.1050	0.00000	1.0696	0.07718	0.02085	20	0.46	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.1250	0.01000	1.0696	0.07718	0.02085	20	0.72	3%	0
019.43	Calcium, ICP, Microwave (%)	0508	1.1448	0.05150	1.0696	0.07718	0.02085	20	0.97	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.1645	0.01700	1.0696	0.07718	0.02085	20	1.23	4%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1700	0.00000	1.0696	0.07718	0.02085	20	1.30	5%	0
019.43	Calcium, ICP, Microwave (%)	2033	1.2100	0.06000	1.0696	0.07718	0.02085	20	1.82	7%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.99750	0.19300	1.0696	0.07718	0.02085	20	-0.93	3%	1
019.44	Calcium, ICP, Dry ash (%)	2004	1.0700	0.04000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.82500	0.01000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0320	0.01150				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	1.0330	0.12400	1.0960	0.05597	0.08467	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1150	0.11000	1.0960	0.05597	0.08467	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.1400	0.02000	1.0960	0.05597	0.08467	3			0
019.99	Calcium, Miscellaneous (%)	0852	0.45000	0.10000	1.0103	0.12916	0.03833	6	-4.34	28%	0
019.99	Calcium, Miscellaneous (%)	0889	0.94000	0.00000	1.0103	0.12916	0.03833	6	-0.54	3%	0
019.99	Calcium, Miscellaneous (%)	0242	1.0400	0.00000	1.0103	0.12916	0.03833	6	0.23	1%	0
019.99	Calcium, Miscellaneous (%)	2105	1.0500	0.10000	1.0103	0.12916	0.03833	6	0.31	2%	0
019.99	Calcium, Miscellaneous (%)	0676	1.0850	0.01000	1.0103	0.12916	0.03833	6	0.58	4%	0
019.99	Calcium, Miscellaneous (%)	0100	1.1300	0.02000	1.0103	0.12916	0.03833	6	0.93	6%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.95000	0.10000	1.2700	0.24970	0.13500	4	-1.28	13%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.2500	0.10000	1.2700	0.24970	0.13500	4	-0.08	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.3250	0.25000	1.2700	0.24970	0.13500	4	0.22	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	1.5550	0.09000	1.2700	0.24970	0.13500	4	1.14	11%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.4450	0.03000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.84900	0.22600	1.0857	0.21006	0.11467	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.1580	0.01800	1.0857	0.21006	0.11467	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.2500	0.10000	1.0857	0.21006	0.11467	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.84660	0.07120				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.0110	0.09000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.1200	0.04000	1.3840	0.16122	0.06136	5	-1.64	10%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.3850	0.03000	1.3840	0.16122	0.06136	5	0.01	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0508	1.4100	0.02680	1.3840	0.16122	0.06136	5	0.16	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.4500	0.10000	1.3840	0.16122	0.06136	5	0.41	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.5550	0.11000	1.3840	0.16122	0.06136	5	1.06	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	2.3450	0.75000	1.3840	0.16122	0.06136	5	5.96	35%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.60000	0.04000	0.64250	0.06010	0.15000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.68500	0.03000	0.64250	0.06010	0.15000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.95000	0.38000	0.64250	0.06010	0.15000	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.58000	0.18600	0.92418	0.40809	0.12997	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.81755	0.16590	0.92418	0.40809	0.12997	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0638	1.3750	0.03800	0.92418	0.40809	0.12997	3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	17.450	2.7000	21.182	1.6899	0.89733	15	-2.21	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	19.725	0.85000	21.182	1.6899	0.89733	15	-0.86	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	20.000	0.00000	21.182	1.6899	0.89733	15	-0.70	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	20.030	1.5000	21.182	1.6899	0.89733	15	-0.68	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	20.050	0.90000	21.182	1.6899	0.89733	15	-0.67	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	20.500	1.0000	21.182	1.6899	0.89733	15	-0.40	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	21.000	0.60000	21.182	1.6899	0.89733	15	-0.11	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0638	21.000	0.00000	21.182	1.6899	0.89733	15	-0.11	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	21.305	0.25000	21.182	1.6899	0.89733	15	0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	21.500	0.40000	21.182	1.6899	0.89733	15	0.19	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	21.560	0.20000	21.182	1.6899	0.89733	15	0.22	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	21.625	1.2100	21.182	1.6899	0.89733	15	0.26	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	23.350	0.90000	21.182	1.6899	0.89733	15	1.28	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	24.750	0.30000	21.182	1.6899	0.89733	15	2.11	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	26.365	2.6500	21.182	1.6899	0.89733	15	3.07	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	27.880	5.0000	21.182	1.6899	0.89733	15	3.96	16%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	15.000	0.00000	22.500	6.7268	2.3333	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	24.500	3.0000	22.500	6.7268	2.3333	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	28.000	4.0000	22.500	6.7268	2.3333	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	22.750	1.9000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	22.910	0.24000				2			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	12.980	0.80000	21.901	1.8250	0.89622	26	-4.89	20%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	17.500	1.0000	21.901	1.8250	0.89622	26	-2.41	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	18.215	0.43000	21.901	1.8250	0.89622	26	-2.02	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	19.580	0.34000	21.901	1.8250	0.89622	26	-1.27	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	20.900	0.40000	21.901	1.8250	0.89622	26	-0.55	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	20.950	0.56000	21.901	1.8250	0.89622	26	-0.52	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	21.000	0.00000	21.901	1.8250	0.89622	26	-0.49	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	21.050	0.90000	21.901	1.8250	0.89622	26	-0.47	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	21.080	0.78000	21.901	1.8250	0.89622	26	-0.45	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	21.300	0.00000	21.901	1.8250	0.89622	26	-0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0868	21.500	1.0000	21.901	1.8250	0.89622	26	-0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	21.779	0.53670	21.901	1.8250	0.89622	26	-0.07	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	21.833	0.49500	21.901	1.8250	0.89622	26	-0.04	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	21.850	0.00000	21.901	1.8250	0.89622	26	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	22.000	2.0000	21.901	1.8250	0.89622	26	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	22.450	0.30000	21.901	1.8250	0.89622	26	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	22.450	1.2000	21.901	1.8250	0.89622	26	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	22.500	1.0000	21.901	1.8250	0.89622	26	0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	22.685	1.7900	21.901	1.8250	0.89622	26	0.43	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	22.750	0.50000	21.901	1.8250	0.89622	26	0.47	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	23.000	2.0000	21.901	1.8250	0.89622	26	0.60	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	23.500	1.0000	21.901	1.8250	0.89622	26	0.88	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	24.000	0.00000	21.901	1.8250	0.89622	26	1.15	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	24.500	3.0000	21.901	1.8250	0.89622	26	1.42	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	24.695	0.21000	21.901	1.8250	0.89622	26	1.53	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	24.990	3.0600	21.901	1.8250	0.89622	26	1.69	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2126	0.00000	0.00000	21.901	1.8250	0.89622	26	-12.00	50%	4
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.00205	0.00010	23.571	3.1432	1.2134	20	-7.50	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	20.100	0.08000	23.571	3.1432	1.2134	20	-1.10	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	20.500	3.0000	23.571	3.1432	1.2134	20	-0.98	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	20.550	2.5000	23.571	3.1432	1.2134	20	-0.96	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	21.150	2.1000	23.571	3.1432	1.2134	20	-0.77	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	21.200	1.2000	23.571	3.1432	1.2134	20	-0.75	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	22.000	2.0000	23.571	3.1432	1.2134	20	-0.50	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	22.440	0.22000	23.571	3.1432	1.2134	20	-0.36	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	23.100	0.20000	23.571	3.1432	1.2134	20	-0.15	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	23.200	1.6000	23.571	3.1432	1.2134	20	-0.12	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	24.489	3.3674	23.571	3.1432	1.2134	20	0.29	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	24.500	1.0000	23.571	3.1432	1.2134	20	0.30	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	24.500	1.0000	23.571	3.1432	1.2134	20	0.30	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	24.530	0.96000	23.571	3.1432	1.2134	20	0.30	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	24.850	0.10000	23.571	3.1432	1.2134	20	0.41	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	25.040	1.3200	23.571	3.1432	1.2134	20	0.47	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	25.640	1.2800	23.571	3.1432	1.2134	20	0.66	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	28.210	0.40000	23.571	3.1432	1.2134	20	1.48	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	29.500	1.0000	23.571	3.1432	1.2134	20	1.89	13%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	32.970	0.94000	23.571	3.1432	1.2134	20	2.99	20%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	18.500	5.0000	22.661	1.4871	0.96707	14	-2.80	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	21.175	0.03000	22.661	1.4871	0.96707	14	-1.00	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	21.750	0.30000	22.661	1.4871	0.96707	14	-0.61	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	22.000	0.00000	22.661	1.4871	0.96707	14	-0.44	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	22.000	0.00000	22.661	1.4871	0.96707	14	-0.44	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	22.100	1.4000	22.661	1.4871	0.96707	14	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	22.100	0.40000	22.661	1.4871	0.96707	14	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	22.385	0.59000	22.661	1.4871	0.96707	14	-0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	22.500	1.0000	22.661	1.4871	0.96707	14	-0.11	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	23.465	0.91000	22.661	1.4871	0.96707	14	0.54	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	Robust SD	R-bar	# Labs			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	23.600	1.0000	22.661	1.4871	0.96707	14	0.63	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	24.370	1.0000	22.661	1.4871	0.96707	14	1.15	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	24.482	1.2090	22.661	1.4871	0.96707	14	1.22	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	29.750	0.70000	22.661	1.4871	0.96707	14	4.77	16%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	19.500	5.9620	22.661	1.4871	0.96707	14	-2.13	7%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	21.200	0.20000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	20.400	0.20000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	25.000	0.00000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0638	23.145	0.71000	23.682	0.46745	0.97000	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	23.900	0.40000	23.682	0.46745	0.97000	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	24.000	1.8000	23.682	0.46745	0.97000	3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	22.000	2.0000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	22.000	0.00000				2			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	184.38	0.00000	328.87	37.462	7.4833	18	-3.86	22%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	275.80	0.20000	328.87	37.462	7.4833	18	-1.42	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0638	293.00	2.0000	328.87	37.462	7.4833	18	-0.96	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	298.50	1.0000	328.87	37.462	7.4833	18	-0.81	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	304.55	14.500	328.87	37.462	7.4833	18	-0.65	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	309.00	4.0000	328.87	37.462	7.4833	18	-0.53	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0653	314.00	3.2000	328.87	37.462	7.4833	18	-0.40	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	320.50	2.0000	328.87	37.462	7.4833	18	-0.22	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	322.95	9.9000	328.87	37.462	7.4833	18	-0.16	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	329.50	15.000	328.87	37.462	7.4833	18	0.02	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	344.67	12.180	328.87	37.462	7.4833	18	0.42	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	347.00	12.000	328.87	37.462	7.4833	18	0.48	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	350.73	5.0100	328.87	37.462	7.4833	18	0.58	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	357.00	14.000	328.87	37.462	7.4833	18	0.75	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	359.77	3.5100	328.87	37.462	7.4833	18	0.82	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	360.00	10.000	328.87	37.462	7.4833	18	0.83	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	375.00	10.000	328.87	37.462	7.4833	18	1.23	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	462.00	16.200	328.87	37.462	7.4833	18	3.55	20%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	377.00	72.000	328.87	37.462	7.4833	18	1.28	7%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	273.50	9.0000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	933.00	8.0000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	297.58	1.1900				1			0
025.34	Iron, AAS, Dry ash (mg / kg (ppm))	0536	387.75	1.4000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	242.50	5.0000	314.67	25.954	6.8300	26	-2.78	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	261.00	0.00000	314.67	25.954	6.8300	26	-2.07	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	270.50	9.0000	314.67	25.954	6.8300	26	-1.70	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	278.72	23.940	314.67	25.954	6.8300	26	-1.39	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	281.00	22.000	314.67	25.954	6.8300	26	-1.30	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	289.15	4.1000	314.67	25.954	6.8300	26	-0.98	4%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	292.40	12.600	314.67	25.954	6.8300	26	-0.86	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	309.00	0.00000	314.67	25.954	6.8300	26	-0.22	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	309.60	2.7450	314.67	25.954	6.8300	26	-0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	315.60	3.0000	314.67	25.954	6.8300	26	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	318.00	4.0000	314.67	25.954	6.8300	26	0.13	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	319.15	7.1000	314.67	25.954	6.8300	26	0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	320.00	6.0000	314.67	25.954	6.8300	26	0.21	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	321.50	13.000	314.67	25.954	6.8300	26	0.26	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0868	324.00	4.0000	314.67	25.954	6.8300	26	0.36	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	326.00	0.00000	314.67	25.954	6.8300	26	0.44	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	326.15	1.5000	314.67	25.954	6.8300	26	0.44	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	327.00	2.0000	314.67	25.954	6.8300	26	0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	329.50	3.0000	314.67	25.954	6.8300	26	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	329.60	0.00000	314.67	25.954	6.8300	26	0.58	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	335.19	2.5951	314.67	25.954	6.8300	26	0.79	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	335.50	29.000	314.67	25.954	6.8300	26	0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	337.70	2.6000	314.67	25.954	6.8300	26	0.89	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	338.01	1.8100	314.67	25.954	6.8300	26	0.90	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	343.75	2.7000	314.67	25.954	6.8300	26	1.12	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	347.74	15.890	314.67	25.954	6.8300	26	1.27	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	322.66	39.790	314.67	25.954	6.8300	26	0.31	1%	1
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2126	0.03000	0.00000	314.67	25.954	6.8300	26	-12.12	50%	2
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	0.02785	0.00090	299.87	50.121	11.136	20	-5.98	50%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	181.42	2.8400	299.87	50.121	11.136	20	-2.36	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	235.35	4.3000	299.87	50.121	11.136	20	-1.29	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	255.50	1.0000	299.87	50.121	11.136	20	-0.89	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2110	260.00	0.00000	299.87	50.121	11.136	20	-0.80	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	273.25	9.9000	299.87	50.121	11.136	20	-0.53	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	281.00	12.000	299.87	50.121	11.136	20	-0.38	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	285.00	10.000	299.87	50.121	11.136	20	-0.30	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	290.00	2.0000	299.87	50.121	11.136	20	-0.20	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	292.50	35.000	299.87	50.121	11.136	20	-0.15	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	314.85	4.5000	299.87	50.121	11.136	20	0.30	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	316.00	10.000	299.87	50.121	11.136	20	0.32	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	322.05	0.50000	299.87	50.121	11.136	20	0.44	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	333.00	14.000	299.87	50.121	11.136	20	0.66	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	333.36	1.5773	299.87	50.121	11.136	20	0.67	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	339.50	31.000	299.87	50.121	11.136	20	0.79	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	350.00	44.000	299.87	50.121	11.136	20	1.00	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	351.60	11.000	299.87	50.121	11.136	20	1.03	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	352.55	0.10000	299.87	50.121	11.136	20	1.05	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	362.50	29.000	299.87	50.121	11.136	20	1.25	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	221.00	22.000	310.47	28.892	10.712	15	-3.10	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	247.80	0.00000	310.47	28.892	10.712	15	-2.17	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	285.50	9.0000	310.47	28.892	10.712	15	-0.86	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	291.50	9.0000	310.47	28.892	10.712	15	-0.66	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	303.00	2.0000	310.47	28.892	10.712	15	-0.26	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	305.39	4.6800	310.47	28.892	10.712	15	-0.18	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	306.00	2.0000	310.47	28.892	10.712	15	-0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	306.50	3.0000	310.47	28.892	10.712	15	-0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	315.40	4.6000	310.47	28.892	10.712	15	0.17	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	320.27	37.302	310.47	28.892	10.712	15	0.34	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	329.50	5.0000	310.47	28.892	10.712	15	0.66	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	332.50	1.0000	310.47	28.892	10.712	15	0.76	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	334.95	33.100	310.47	28.892	10.712	15	0.85	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	338.50	15.000	310.47	28.892	10.712	15	0.97	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	382.50	13.000	310.47	28.892	10.712	15	2.49	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	759.46	801.68	310.47	28.892	10.712	15	15.54	72%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	238.80	3.0000	279.83	38.709	6.9533	3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	285.00	10.000	279.83	38.709	6.9533	3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	315.70	7.8600	279.83	38.709	6.9533	3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0638	312.15	1.1000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	358.50	23.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	301.50	5.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	324.00	0.00000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.18500	0.01000	0.24966	0.01509	0.00530	22	-4.28	13%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.21000	0.00000	0.24966	0.01509	0.00530	22	-2.63	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.23045	0.00590	0.24966	0.01509	0.00530	22	-1.27	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.23500	0.01000	0.24966	0.01509	0.00530	22	-0.97	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.23660	0.00580	0.24966	0.01509	0.00530	22	-0.87	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.24110	0.00540	0.24966	0.01509	0.00530	22	-0.57	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.24500	0.01000	0.24966	0.01509	0.00530	22	-0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.24600	0.00400	0.24966	0.01509	0.00530	22	-0.24	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.24790	0.00040	0.24966	0.01509	0.00530	22	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.25000	0.00000	0.24966	0.01509	0.00530	22	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.25050	0.00300	0.24966	0.01509	0.00530	22	0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.25150	0.00900	0.24966	0.01509	0.00530	22	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.25200	0.00400	0.24966	0.01509	0.00530	22	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.25300	0.00400	0.24966	0.01509	0.00530	22	0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.25400	0.01000	0.24966	0.01509	0.00530	22	0.29	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.25500	0.01000	0.24966	0.01509	0.00530	22	0.35	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.25500	0.00000	0.24966	0.01509	0.00530	22	0.35	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.25705	0.00210	0.24966	0.01509	0.00530	22	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.26150	0.00500	0.24966	0.01509	0.00530	22	0.78	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	Robust SD	R-bar	# Labs			
027.31	Magnesium, AAS, Dry ash (%)	0656	0.27500	0.01000	0.24966	0.01509	0.00530	22	1.68	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.28200	0.00800	0.24966	0.01509	0.00530	22	2.14	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.29000	0.00000	0.24966	0.01509	0.00530	22	2.67	8%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.21200	0.00000	0.24925	0.02809	0.00750	4	-1.33	7%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.25000	0.00000	0.24925	0.02809	0.00750	4	0.03	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.25500	0.01000	0.24925	0.02809	0.00750	4	0.20	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0612	0.28000	0.02000	0.24925	0.02809	0.00750	4	1.09	6%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.25500	0.01000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.22500	0.01000	0.25745	0.01035	0.00599	28	-3.14	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.23000	0.02000	0.25745	0.01035	0.00599	28	-2.65	5%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.24000	0.00000	0.25745	0.01035	0.00599	28	-1.69	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.24300	0.00600	0.25745	0.01035	0.00599	28	-1.40	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.24875	0.00030	0.25745	0.01035	0.00599	28	-0.84	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.25200	0.00200	0.25745	0.01035	0.00599	28	-0.53	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.25500	0.00000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0868	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.25500	0.01000	0.25745	0.01035	0.00599	28	-0.24	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.25515	0.00230	0.25745	0.01035	0.00599	28	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.25610	0.00020	0.25745	0.01035	0.00599	28	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.25850	0.00100	0.25745	0.01035	0.00599	28	0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.26000	0.00000	0.25745	0.01035	0.00599	28	0.25	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.26000	0.00000	0.25745	0.01035	0.00599	28	0.25	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.26000	0.00000	0.25745	0.01035	0.00599	28	0.25	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.26080	0.00100	0.25745	0.01035	0.00599	28	0.32	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.26500	0.01000	0.25745	0.01035	0.00599	28	0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.26600	0.00400	0.25745	0.01035	0.00599	28	0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.27000	0.00000	0.25745	0.01035	0.00599	28	1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.27000	0.00000	0.25745	0.01035	0.00599	28	1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.27150	0.02100	0.25745	0.01035	0.00599	28	1.36	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.27500	0.01000	0.25745	0.01035	0.00599	28	1.70	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.29500	0.01000	0.25745	0.01035	0.00599	28	3.63	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.22140	0.00200	0.26219	0.01903	0.00870	22	-2.14	8%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.22700	0.00600	0.26219	0.01903	0.00870	22	-1.85	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.24000	0.00000	0.26219	0.01903	0.00870	22	-1.17	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.24375	0.00810	0.26219	0.01903	0.00870	22	-0.97	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.24500	0.00600	0.26219	0.01903	0.00870	22	-0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.25000	0.00000	0.26219	0.01903	0.00870	22	-0.64	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0613	0.25000	0.02000	0.26219	0.01903	0.00870	22	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.25500	0.01000	0.26219	0.01903	0.00870	22	-0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.26000	0.00000	0.26219	0.01903	0.00870	22	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.26000	0.02000	0.26219	0.01903	0.00870	22	-0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.26450	0.02500	0.26219	0.01903	0.00870	22	0.12	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.26500	0.01000	0.26219	0.01903	0.00870	22	0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.26550	0.01100	0.26219	0.01903	0.00870	22	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.27000	0.00000	0.26219	0.01903	0.00870	22	0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2110	0.27000	0.00000	0.26219	0.01903	0.00870	22	0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.27105	0.00030	0.26219	0.01903	0.00870	22	0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.27500	0.03000	0.26219	0.01903	0.00870	22	0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.27500	0.01000	0.26219	0.01903	0.00870	22	0.67	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.28000	0.00000	0.26219	0.01903	0.00870	22	0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.28000	0.02000	0.26219	0.01903	0.00870	22	0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.29040	0.00460	0.26219	0.01903	0.00870	22	1.48	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.29595	0.00830	0.26219	0.01903	0.00870	22	1.77	6%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.22000	0.00000	0.25550	0.01727	0.00322	17	-2.06	7%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.23650	0.00300	0.25550	0.01727	0.00322	17	-1.10	4%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.24000	0.00000	0.25550	0.01727	0.00322	17	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.24000	0.00000	0.25550	0.01727	0.00322	17	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.24000	0.00200	0.25550	0.01727	0.00322	17	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.24150	0.00100	0.25550	0.01727	0.00322	17	-0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.25500	0.01000	0.25550	0.01727	0.00322	17	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.25900	0.00600	0.25550	0.01727	0.00322	17	0.20	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.25945	0.00670	0.25550	0.01727	0.00322	17	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.26000	0.00800	0.25550	0.01727	0.00322	17	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.26000	0.00000	0.25550	0.01727	0.00322	17	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.26000	0.00000	0.25550	0.01727	0.00322	17	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0638	0.26400	0.00000	0.25550	0.01727	0.00322	17	0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.26750	0.00300	0.25550	0.01727	0.00322	17	0.70	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.27000	0.00000	0.25550	0.01727	0.00322	17	0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.27950	0.00700	0.25550	0.01727	0.00322	17	1.39	5%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.31270	0.00800	0.25550	0.01727	0.00322	17	3.31	11%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.30550	0.01700	0.25550	0.01727	0.00322	17	2.90	10%	1
027.44	Magnesium, ICP, Dry ash (%)	2004	0.25800	0.00800				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.25400	0.01020				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.25950	0.00100				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.27700	0.01600				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.22500	0.01000	0.25000	0.02500	0.00667	3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.25000	0.00000	0.25000	0.02500	0.00667	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.27500	0.01000	0.25000	0.02500	0.00667	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	151.00	2.0000	164.67	9.2548	2.3721	14	-1.48	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0646	155.27	2.6700	164.67	9.2548	2.3721	14	-1.02	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	156.00	2.0000	164.67	9.2548	2.3721	14	-0.94	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	160.00	10.000	164.67	9.2548	2.3721	14	-0.50	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0638	160.00	0.00000	164.67	9.2548	2.3721	14	-0.50	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	161.38	1.9700	164.67	9.2548	2.3721	14	-0.36	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	161.75	1.5000	164.67	9.2548	2.3721	14	-0.32	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	162.99	2.5300	164.67	9.2548	2.3721	14	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	168.85	0.10000	164.67	9.2548	2.3721	14	0.45	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	171.50	1.0000	164.67	9.2548	2.3721	14	0.74	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	171.50	3.0000	164.67	9.2548	2.3721	14	0.74	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	172.79	4.2400	164.67	9.2548	2.3721	14	0.88	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	174.00	2.0000	164.67	9.2548	2.3721	14	1.01	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	178.30	0.20000	164.67	9.2548	2.3721	14	1.47	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	180.76	14.650	164.67	9.2548	2.3721	14	1.74	5%	1
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	0.19500	0.01000	164.67	9.2548	2.3721	14	-17.77	50%	2
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	159.00	0.00000	165.50	5.7663	1.0000	3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	167.50	1.0000	165.50	5.7663	1.0000	3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	170.00	2.0000	165.50	5.7663	1.0000	3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	155.14	0.13000				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	129.00	6.0000	162.24	8.1744	3.7964	25	-4.07	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	140.00	0.00000	162.24	8.1744	3.7964	25	-2.72	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	143.26	1.9100	162.24	8.1744	3.7964	25	-2.32	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	152.50	7.0000	162.24	8.1744	3.7964	25	-1.19	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	153.75	1.5000	162.24	8.1744	3.7964	25	-1.04	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0868	157.00	0.00000	162.24	8.1744	3.7964	25	-0.64	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	158.59	2.0100	162.24	8.1744	3.7964	25	-0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	159.90	1.0000	162.24	8.1744	3.7964	25	-0.29	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	160.05	4.7000	162.24	8.1744	3.7964	25	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	160.50	11.000	162.24	8.1744	3.7964	25	-0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	162.40	0.60000	162.24	8.1744	3.7964	25	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	162.50	1.0000	162.24	8.1744	3.7964	25	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	162.51	0.20000	162.24	8.1744	3.7964	25	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	162.99	0.40520	162.24	8.1744	3.7964	25	0.09	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	163.50	3.0000	162.24	8.1744	3.7964	25	0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	164.69	6.9750	162.24	8.1744	3.7964	25	0.30	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	165.00	2.0000	162.24	8.1744	3.7964	25	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	165.05	5.5000	162.24	8.1744	3.7964	25	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	166.50	1.0000	162.24	8.1744	3.7964	25	0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	168.95	6.1000	162.24	8.1744	3.7964	25	0.82	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	169.15	2.3000	162.24	8.1744	3.7964	25	0.85	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	171.00	2.0000	162.24	8.1744	3.7964	25	1.07	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	171.60	0.00000	162.24	8.1744	3.7964	25	1.14	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	173.98	12.710	162.24	8.1744	3.7964	25	1.44	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	174.00	16.000	162.24	8.1744	3.7964	25	1.44	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	171.52	20.490	162.24	8.1744	3.7964	25	1.13	3%	1
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2126	0.01000	0.00000	162.24	8.1744	3.7964	25	-19.85	50%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2110	145.00	10.000	168.17	14.750	5.2624	21	-1.57	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	146.90	0.20000	168.17	14.750	5.2624	21	-1.44	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	148.10	0.40000	168.17	14.750	5.2624	21	-1.36	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	151.00	2.0000	168.17	14.750	5.2624	21	-1.16	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	151.50	17.000	168.17	14.750	5.2624	21	-1.13	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	159.00	8.0000	168.17	14.750	5.2624	21	-0.62	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	161.95	1.1000	168.17	14.750	5.2624	21	-0.42	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	167.00	4.0000	168.17	14.750	5.2624	21	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	169.50	17.000	168.17	14.750	5.2624	21	0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	171.50	7.0000	168.17	14.750	5.2624	21	0.23	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	171.54	3.6303	168.17	14.750	5.2624	21	0.23	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	173.00	4.0000	168.17	14.750	5.2624	21	0.33	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	174.40	7.6000	168.17	14.750	5.2624	21	0.42	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	174.60	1.8000	168.17	14.750	5.2624	21	0.44	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	175.00	10.000	168.17	14.750	5.2624	21	0.46	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	176.55	0.10000	168.17	14.750	5.2624	21	0.57	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	180.00	4.0000	168.17	14.750	5.2624	21	0.80	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	180.02	3.9500	168.17	14.750	5.2624	21	0.80	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	183.60	0.59000	168.17	14.750	5.2624	21	1.05	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	184.87	5.1400	168.17	14.750	5.2624	21	1.13	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	185.50	3.0000	168.17	14.750	5.2624	21	1.17	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	0.01560	0.00020	168.17	14.750	5.2624	21	-11.40	50%	2
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	144.50	19.000	167.17	13.472	4.7333	15	-1.68	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	150.00	0.00000	167.17	13.472	4.7333	15	-1.27	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	155.50	1.0000	167.17	13.472	4.7333	15	-0.87	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	159.00	2.0000	167.17	13.472	4.7333	15	-0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	161.40	2.0000	167.17	13.472	4.7333	15	-0.43	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	161.50	3.0000	167.17	13.472	4.7333	15	-0.42	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	164.00	2.0000	167.17	13.472	4.7333	15	-0.24	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	165.30	4.8000	167.17	13.472	4.7333	15	-0.14	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	168.00	2.0000	167.17	13.472	4.7333	15	0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	171.00	2.0000	167.17	13.472	4.7333	15	0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	177.00	2.0000	167.17	13.472	4.7333	15	0.73	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	181.05	3.5000	167.17	13.472	4.7333	15	1.03	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	181.41	5.0600	167.17	13.472	4.7333	15	1.06	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	182.43	18.640	167.17	13.472	4.7333	15	1.13	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	183.00	4.0000	167.17	13.472	4.7333	15	1.17	5%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	171.00	6.0000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	180.00	20.000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	183.70	3.8000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0638	157.80	1.2000	166.77	7.7694	2.0667	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	171.00	2.0000	166.77	7.7694	2.0667	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	171.50	3.0000	166.77	7.7694	2.0667	3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	170.00	4.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	170.50	5.0000				2			0
031.00	Phosphorus, Vol (%)	0893	0.64000	0.02000				1			0
031.01	Phosphorus, Photometric (%)	0904	0.44000	0.06000	0.67747	0.03182	0.01744	48	-7.46	18%	0
031.01	Phosphorus, Photometric (%)	0921	0.54400	0.00000	0.67747	0.03182	0.01744	48	-4.19	10%	0
031.01	Phosphorus, Photometric (%)	0620	0.60210	0.00720	0.67747	0.03182	0.01744	48	-2.37	6%	0
031.01	Phosphorus, Photometric (%)	0108	0.60500	0.05000	0.67747	0.03182	0.01744	48	-2.28	5%	0
031.01	Phosphorus, Photometric (%)	0884	0.62500	0.01000	0.67747	0.03182	0.01744	48	-1.65	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.63085	0.01310	0.67747	0.03182	0.01744	48	-1.47	3%	0
031.01	Phosphorus, Photometric (%)	0623	0.63300	0.06000	0.67747	0.03182	0.01744	48	-1.40	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.63975	0.00170	0.67747	0.03182	0.01744	48	-1.19	3%	0
031.01	Phosphorus, Photometric (%)	0152	0.64500	0.01000	0.67747	0.03182	0.01744	48	-1.02	2%	0
031.01	Phosphorus, Photometric (%)	0940	0.64500	0.05000	0.67747	0.03182	0.01744	48	-1.02	2%	0
031.01	Phosphorus, Photometric (%)	0646	0.66000	0.02000	0.67747	0.03182	0.01744	48	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.66000	0.02000	0.67747	0.03182	0.01744	48	-0.55	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.66250	0.03700	0.67747	0.03182	0.01744	48	-0.47	1%	0
031.01	Phosphorus, Photometric (%)	0689	0.66500	0.01000	0.67747	0.03182	0.01744	48	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.66550	0.04500	0.67747	0.03182	0.01744	48	-0.38	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.66800	0.02800	0.67747	0.03182	0.01744	48	-0.30	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.66970	0.00080	0.67747	0.03182	0.01744	48	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.67000	0.02000	0.67747	0.03182	0.01744	48	-0.23	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.67000	0.00000	0.67747	0.03182	0.01744	48	-0.23	1%	0
031.01	Phosphorus, Photometric (%)	2126	0.67000	0.00000	0.67747	0.03182	0.01744	48	-0.23	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.67500	0.01000	0.67747	0.03182	0.01744	48	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.67750	0.00900	0.67747	0.03182	0.01744	48	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.68000	0.04000	0.67747	0.03182	0.01744	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0035	0.68000	0.00000	0.67747	0.03182	0.01744	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.68140	0.00440	0.67747	0.03182	0.01744	48	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.68500	0.01000	0.67747	0.03182	0.01744	48	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.68500	0.01000	0.67747	0.03182	0.01744	48	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.68500	0.01000	0.67747	0.03182	0.01744	48	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.68650	0.00300	0.67747	0.03182	0.01744	48	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.68750	0.01300	0.67747	0.03182	0.01744	48	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0937	0.69000	0.00000	0.67747	0.03182	0.01744	48	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.69100	0.04000	0.67747	0.03182	0.01744	48	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.69275	0.00550	0.67747	0.03182	0.01744	48	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.69500	0.01000	0.67747	0.03182	0.01744	48	0.55	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0868	0.69500	0.01000	0.67747	0.03182	0.01744	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.69500	0.03000	0.67747	0.03182	0.01744	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.69850	0.01300	0.67747	0.03182	0.01744	48	0.66	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.69900	0.01800	0.67747	0.03182	0.01744	48	0.68	2%	0
031.01	Phosphorus, Photometric (%)	2097	0.70330	0.01840	0.67747	0.03182	0.01744	48	0.81	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.70500	0.01000	0.67747	0.03182	0.01744	48	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0142	0.70500	0.01000	0.67747	0.03182	0.01744	48	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0638	0.70900	0.05400	0.67747	0.03182	0.01744	48	0.99	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.71000	0.02000	0.67747	0.03182	0.01744	48	1.02	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.71550	0.01100	0.67747	0.03182	0.01744	48	1.20	3%	0
031.01	Phosphorus, Photometric (%)	2068	0.71800	0.00400	0.67747	0.03182	0.01744	48	1.27	3%	0
031.01	Phosphorus, Photometric (%)	0650	0.72000	0.02000	0.67747	0.03182	0.01744	48	1.34	3%	0
031.01	Phosphorus, Photometric (%)	0885	0.75850	0.00120	0.67747	0.03182	0.01744	48	2.55	6%	0
031.01	Phosphorus, Photometric (%)	0609	0.85500	0.01000	0.67747	0.03182	0.01744	48	5.58	13%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.67500	0.01000	0.69493	0.00878	0.00315	4	-2.27	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.68480	0.00260	0.69493	0.00878	0.00315	4	-1.15	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.70000	0.00000	0.69493	0.00878	0.00315	4	0.58	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.70000	0.00000	0.69493	0.00878	0.00315	4	0.58	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.66000	0.00000	0.68394	0.02460	0.00242	5	-0.97	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.67000	0.00000	0.68394	0.02460	0.00242	5	-0.57	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.68750	0.01100	0.68394	0.02460	0.00242	5	0.14	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.69000	0.00000	0.68394	0.02460	0.00242	5	0.25	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.71575	0.00110	0.68394	0.02460	0.00242	5	1.29	2%	0
031.06	Phosphorus, Hach Method (%)	0536	0.67500	0.01000				2			0
031.06	Phosphorus, Hach Method (%)	0138	0.69400	0.01200				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.64500	0.01000	0.69406	0.02818	0.01150	28	-1.74	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.64600	0.00000	0.69406	0.02818	0.01150	28	-1.71	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.66000	0.00000	0.69406	0.02818	0.01150	28	-1.21	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2126	0.66500	0.01000	0.69406	0.02818	0.01150	28	-1.03	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.66650	0.01100	0.69406	0.02818	0.01150	28	-0.98	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.66900	0.00000	0.69406	0.02818	0.01150	28	-0.89	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.67000	0.00000	0.69406	0.02818	0.01150	28	-0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.68000	0.00000	0.69406	0.02818	0.01150	28	-0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.68300	0.00000	0.69406	0.02818	0.01150	28	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.68500	0.03000	0.69406	0.02818	0.01150	28	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.69000	0.00000	0.69406	0.02818	0.01150	28	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.69000	0.02000	0.69406	0.02818	0.01150	28	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.69000	0.00000	0.69406	0.02818	0.01150	28	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.69000	0.00000	0.69406	0.02818	0.01150	28	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.69500	0.01000	0.69406	0.02818	0.01150	28	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.69570	0.00820	0.69406	0.02818	0.01150	28	0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.70000	0.02000	0.69406	0.02818	0.01150	28	0.21	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.70000	0.02000	0.69406	0.02818	0.01150	28	0.21	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.70485	0.01630	0.69406	0.02818	0.01150	28	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.70500	0.01000	0.69406	0.02818	0.01150	28	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.70500	0.01000	0.69406	0.02818	0.01150	28	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.70500	0.01000	0.69406	0.02818	0.01150	28	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.72100	0.00260	0.69406	0.02818	0.01150	28	0.96	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.72115	0.01170	0.69406	0.02818	0.01150	28	0.96	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.73000	0.04000	0.69406	0.02818	0.01150	28	1.28	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.75465	0.00210	0.69406	0.02818	0.01150	28	2.15	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.76000	0.06000	0.69406	0.02818	0.01150	28	2.34	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.91000	0.02000	0.69406	0.02818	0.01150	28	7.66	16%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.67500	0.07000	0.69406	0.02818	0.01150	28	-0.68	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.55500	0.01000	0.68417	0.03042	0.01963	24	-4.25	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.63400	0.02600	0.68417	0.03042	0.01963	24	-1.65	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.64750	0.03900	0.68417	0.03042	0.01963	24	-1.21	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.64900	0.01200	0.68417	0.03042	0.01963	24	-1.16	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.65000	0.06000	0.68417	0.03042	0.01963	24	-1.12	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.66500	0.01400	0.68417	0.03042	0.01963	24	-0.63	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.66600	0.01200	0.68417	0.03042	0.01963	24	-0.60	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.67500	0.01000	0.68417	0.03042	0.01963	24	-0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2110	0.67500	0.01000	0.68417	0.03042	0.01963	24	-0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.68000	0.02000	0.68417	0.03042	0.01963	24	-0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.68160	0.01160	0.68417	0.03042	0.01963	24	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.68495	0.04050	0.68417	0.03042	0.01963	24	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.68650	0.01100	0.68417	0.03042	0.01963	24	0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.69000	0.00000	0.68417	0.03042	0.01963	24	0.19	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.69000	0.04000	0.68417	0.03042	0.01963	24	0.19	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.69655	0.00130	0.68417	0.03042	0.01963	24	0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.70500	0.01000	0.68417	0.03042	0.01963	24	0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.70500	0.03000	0.68417	0.03042	0.01963	24	0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.70630	0.00360	0.68417	0.03042	0.01963	24	0.73	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.71000	0.00000	0.68417	0.03042	0.01963	24	0.85	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.71000	0.02000	0.68417	0.03042	0.01963	24	0.85	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.71000	0.04000	0.68417	0.03042	0.01963	24	0.85	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.73500	0.05000	0.68417	0.03042	0.01963	24	1.67	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.74000	0.00000	0.68417	0.03042	0.01963	24	1.84	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	0.46500	0.01000	0.69199	0.03457	0.01756	20	-6.57	16%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.60000	0.02000	0.69199	0.03457	0.01756	20	-2.66	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.64500	0.01000	0.69199	0.03457	0.01756	20	-1.36	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.66500	0.00600	0.69199	0.03457	0.01756	20	-0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0638	0.67600	0.02400	0.69199	0.03457	0.01756	20	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.68000	0.02000	0.69199	0.03457	0.01756	20	-0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.43	Phosphorus, ICP, Microwave (%)	0425	0.68000	0.00000	0.69199	0.03457	0.01756	20	-0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.68110	0.02380	0.69199	0.03457	0.01756	20	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.68500	0.01800	0.69199	0.03457	0.01756	20	-0.20	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.69000	0.00000	0.69199	0.03457	0.01756	20	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.69470	0.01460	0.69199	0.03457	0.01756	20	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	0.69700	0.01860	0.69199	0.03457	0.01756	20	0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.70000	0.01200	0.69199	0.03457	0.01756	20	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.70400	0.01800	0.69199	0.03457	0.01756	20	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.71000	0.00000	0.69199	0.03457	0.01756	20	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.71250	0.01500	0.69199	0.03457	0.01756	20	0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.72150	0.01900	0.69199	0.03457	0.01756	20	0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.73000	0.02000	0.69199	0.03457	0.01756	20	1.10	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.74945	0.01010	0.69199	0.03457	0.01756	20	1.66	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.0160	0.09200	0.69199	0.03457	0.01756	20	9.37	23%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.79150	0.13300	0.69199	0.03457	0.01756	20	2.88	7%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.67750	0.02500				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.66655	0.03570				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	0.66800	0.01800	0.71117	0.04716	0.02967	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.70400	0.05600	0.71117	0.04716	0.02967	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.76150	0.01500	0.71117	0.04716	0.02967	3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.60000	0.00000	0.67272	0.02092	0.00500	6	-3.48	5%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.66500	0.01000	0.67272	0.02092	0.00500	6	-0.37	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.67000	0.00000	0.67272	0.02092	0.00500	6	-0.13	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.68000	0.00000	0.67272	0.02092	0.00500	6	0.35	1%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.69000	0.00000	0.67272	0.02092	0.00500	6	0.83	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.69000	0.02000	0.67272	0.02092	0.00500	6	0.83	1%	0
032.02	Potassium, Flame Emission (%)	0047	0.98000	0.12000				2			0
032.02	Potassium, Flame Emission (%)	0590	1.0050	0.05000				2			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.59000	0.00000	1.0325	0.05226	0.02391	21	-8.47	21%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.77500	0.03000	1.0325	0.05226	0.02391	21	-4.93	12%	0
032.31	Potassium, AAS, Dry ash (%)	0689	0.94000	0.08000	1.0325	0.05226	0.02391	21	-1.77	4%	0
032.31	Potassium, AAS, Dry ash (%)	0638	0.98450	0.03100	1.0325	0.05226	0.02391	21	-0.92	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.0125	0.01500	1.0325	0.05226	0.02391	21	-0.38	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.0149	0.02760	1.0325	0.05226	0.02391	21	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.0193	0.00460	1.0325	0.05226	0.02391	21	-0.25	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0200	0.02000	1.0325	0.05226	0.02391	21	-0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.0225	0.01500	1.0325	0.05226	0.02391	21	-0.19	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.0250	0.01000	1.0325	0.05226	0.02391	21	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.0300	0.00000	1.0325	0.05226	0.02391	21	-0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.0400	0.02000	1.0325	0.05226	0.02391	21	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	2126	1.0400	0.00000	1.0325	0.05226	0.02391	21	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.0450	0.03000	1.0325	0.05226	0.02391	21	0.24	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0208	1.0450	0.03000	1.0325	0.05226	0.02391	21	0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.0650	0.05000	1.0325	0.05226	0.02391	21	0.62	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.0650	0.01000	1.0325	0.05226	0.02391	21	0.62	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0750	0.07000	1.0325	0.05226	0.02391	21	0.81	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.0950	0.01000	1.0325	0.05226	0.02391	21	1.20	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.1250	0.01000	1.0325	0.05226	0.02391	21	1.77	4%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.1325	0.03900	1.0325	0.05226	0.02391	21	1.91	5%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.77500	0.04200	1.0175	0.21612	0.02300	4	-1.12	12%	0
032.32	Potassium, AAS, Open vessel (%)	0612	0.94500	0.01000	1.0175	0.21612	0.02300	4	-0.34	4%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.0600	0.02000	1.0175	0.21612	0.02300	4	0.20	2%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.2900	0.02000	1.0175	0.21612	0.02300	4	1.26	13%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.82000	0.02000	1.0159	0.04429	0.01877	28	-4.42	10%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.93620	0.02720	1.0159	0.04429	0.01877	28	-1.80	4%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.95500	0.01000	1.0159	0.04429	0.01877	28	-1.38	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.97600	0.00800	1.0159	0.04429	0.01877	28	-0.90	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.98000	0.00000	1.0159	0.04429	0.01877	28	-0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.98000	0.00000	1.0159	0.04429	0.01877	28	-0.81	2%	0
032.41	Potassium, ICP, Dry ash (%)	0610	0.98500	0.01000	1.0159	0.04429	0.01877	28	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.98600	0.10600	1.0159	0.04429	0.01877	28	-0.68	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.99500	0.01000	1.0159	0.04429	0.01877	28	-0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.0000	0.00000	1.0159	0.04429	0.01877	28	-0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0868	1.0000	0.00000	1.0159	0.04429	0.01877	28	-0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.0050	0.09000	1.0159	0.04429	0.01877	28	-0.25	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.0060	0.01200	1.0159	0.04429	0.01877	28	-0.22	0%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.0100	0.02000	1.0159	0.04429	0.01877	28	-0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.0150	0.05000	1.0159	0.04429	0.01877	28	-0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.0250	0.03000	1.0159	0.04429	0.01877	28	0.21	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.0330	0.00000	1.0159	0.04429	0.01877	28	0.39	1%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.0350	0.00400	1.0159	0.04429	0.01877	28	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.0350	0.01000	1.0159	0.04429	0.01877	28	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0350	0.01000	1.0159	0.04429	0.01877	28	0.43	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.0360	0.01200	1.0159	0.04429	0.01877	28	0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.0375	0.00500	1.0159	0.04429	0.01877	28	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.0400	0.02000	1.0159	0.04429	0.01877	28	0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.0500	0.02000	1.0159	0.04429	0.01877	28	0.77	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.0800	0.02000	1.0159	0.04429	0.01877	28	1.45	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.0850	0.01000	1.0159	0.04429	0.01877	28	1.56	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0900	0.02000	1.0159	0.04429	0.01877	28	1.67	4%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.1313	0.00140	1.0159	0.04429	0.01877	28	2.61	6%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.93000	0.12000	1.0159	0.04429	0.01877	28	-1.94	4%	1
032.42	Potassium, ICP, Open vessel (%)	0026	0.95500	0.05000	1.0682	0.06614	0.02990	23	-1.71	5%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.98500	0.11000	1.0682	0.06614	0.02990	23	-1.26	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.42	Potassium, ICP, Open vessel (%)	2129	0.98850	0.02300	1.0682	0.06614	0.02990	23	-1.20	4%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.0000	0.04000	1.0682	0.06614	0.02990	23	-1.03	3%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.0150	0.03000	1.0682	0.06614	0.02990	23	-0.80	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0230	0.02600	1.0682	0.06614	0.02990	23	-0.68	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.0300	0.00000	1.0682	0.06614	0.02990	23	-0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.0350	0.01000	1.0682	0.06614	0.02990	23	-0.50	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.0430	0.00200	1.0682	0.06614	0.02990	23	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.0450	0.03000	1.0682	0.06614	0.02990	23	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.0450	0.01000	1.0682	0.06614	0.02990	23	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.0655	0.00230	1.0682	0.06614	0.02990	23	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.0850	0.01000	1.0682	0.06614	0.02990	23	0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0900	0.00000	1.0682	0.06614	0.02990	23	0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.1000	0.00000	1.0682	0.06614	0.02990	23	0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.1050	0.07000	1.0682	0.06614	0.02990	23	0.56	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.1068	0.03440	1.0682	0.06614	0.02990	23	0.58	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.1100	0.10000	1.0682	0.06614	0.02990	23	0.63	2%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.1150	0.01000	1.0682	0.06614	0.02990	23	0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.1350	0.01000	1.0682	0.06614	0.02990	23	1.01	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1550	0.01000	1.0682	0.06614	0.02990	23	1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.1550	0.11000	1.0682	0.06614	0.02990	23	1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	2110	1.2000	0.00000	1.0682	0.06614	0.02990	23	1.99	6%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.94000	0.00000	1.0475	0.06401	0.01487	16	-1.68	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.98000	0.00000	1.0475	0.06401	0.01487	16	-1.05	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.99000	0.00600	1.0475	0.06401	0.01487	16	-0.90	3%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.99500	0.01000	1.0475	0.06401	0.01487	16	-0.82	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.0050	0.03000	1.0475	0.06401	0.01487	16	-0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.0200	0.00000	1.0475	0.06401	0.01487	16	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.0280	0.05610	1.0475	0.06401	0.01487	16	-0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0300	0.00000	1.0475	0.06401	0.01487	16	-0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.0600	0.00000	1.0475	0.06401	0.01487	16	0.19	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.0700	0.00800	1.0475	0.06401	0.01487	16	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.0700	0.00000	1.0475	0.06401	0.01487	16	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.0800	0.04000	1.0475	0.06401	0.01487	16	0.51	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.0950	0.01000	1.0475	0.06401	0.01487	16	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.1135	0.04580	1.0475	0.06401	0.01487	16	1.03	3%	0
032.43	Potassium, ICP, Microwave (%)	0638	1.1290	0.00200	1.0475	0.06401	0.01487	16	1.27	4%	0
032.43	Potassium, ICP, Microwave (%)	2033	1.1908	0.03000	1.0475	0.06401	0.01487	16	2.24	7%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.1045	0.18900	1.0475	0.06401	0.01487	16	0.89	3%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.0500	0.06000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.0467	0.05880				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.0650	0.03000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1150	0.09000				2			0

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032.99	Potassium, Miscellaneous (%)	0889	0.80500	0.01000	1.0400	0.01711	0.00800	5	-13.74	11%	0
032.99	Potassium, Miscellaneous (%)	0100	1.0150	0.01000	1.0400	0.01711	0.00800	5	-1.46	1%	0
032.99	Potassium, Miscellaneous (%)	0001	1.0430	0.01400	1.0400	0.01711	0.00800	5	0.18	0%	0
032.99	Potassium, Miscellaneous (%)	0242	1.0500	0.00000	1.0400	0.01711	0.00800	5	0.58	0%	0
032.99	Potassium, Miscellaneous (%)	0881	1.0520	0.00600	1.0400	0.01711	0.00800	5	0.70	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.32800	0.04480	0.36150	0.03177	0.01616	16	-1.05	5%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.32905	0.00830	0.36150	0.03177	0.01616	16	-1.02	4%	0
033.00	Salt as chloride, Sol Cl (%)	0868	0.33500	0.01000	0.36150	0.03177	0.01616	16	-0.83	4%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.33500	0.01000	0.36150	0.03177	0.01616	16	-0.83	4%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.34000	0.02000	0.36150	0.03177	0.01616	16	-0.68	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.35000	0.00000	0.36150	0.03177	0.01616	16	-0.36	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.35070	0.01520	0.36150	0.03177	0.01616	16	-0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.35375	0.01430	0.36150	0.03177	0.01616	16	-0.24	1%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.35500	0.01000	0.36150	0.03177	0.01616	16	-0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.35800	0.00400	0.36150	0.03177	0.01616	16	-0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.36700	0.02200	0.36150	0.03177	0.01616	16	0.17	1%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.37500	0.01000	0.36150	0.03177	0.01616	16	0.43	2%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.38000	0.00000	0.36150	0.03177	0.01616	16	0.58	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.43500	0.05000	0.36150	0.03177	0.01616	16	2.31	10%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.43500	0.03000	0.36150	0.03177	0.01616	16	2.31	10%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.47500	0.01000	0.36150	0.03177	0.01616	16	3.57	16%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.26850	0.00900	0.40533	0.02753	0.00849	29	-4.97	17%	0
033.01	Salt as chloride, Poten Cl (%)	0937	0.34500	0.01000	0.40533	0.02753	0.00849	29	-2.19	7%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.36000	0.00000	0.40533	0.02753	0.00849	29	-1.65	6%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.37500	0.01000	0.40533	0.02753	0.00849	29	-1.10	4%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.38000	0.00000	0.40533	0.02753	0.00849	29	-0.92	3%	0
033.01	Salt as chloride, Poten Cl (%)	0011	0.38020	0.00040	0.40533	0.02753	0.00849	29	-0.91	3%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.38500	0.01000	0.40533	0.02753	0.00849	29	-0.74	3%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.39300	0.00400	0.40533	0.02753	0.00849	29	-0.45	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.39500	0.01000	0.40533	0.02753	0.00849	29	-0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.39500	0.01000	0.40533	0.02753	0.00849	29	-0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.40000	0.02000	0.40533	0.02753	0.00849	29	-0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.40000	0.00000	0.40533	0.02753	0.00849	29	-0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.40000	0.00000	0.40533	0.02753	0.00849	29	-0.19	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.40500	0.01000	0.40533	0.02753	0.00849	29	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.40950	0.00500	0.40533	0.02753	0.00849	29	0.15	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.41000	0.00000	0.40533	0.02753	0.00849	29	0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.41000	0.00000	0.40533	0.02753	0.00849	29	0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.41000	0.00000	0.40533	0.02753	0.00849	29	0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.41000	0.00000	0.40533	0.02753	0.00849	29	0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.41000	0.02000	0.40533	0.02753	0.00849	29	0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.41000	0.02000	0.40533	0.02753	0.00849	29	0.17	1%	0

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033.01	Salt as chloride, Poten Cl (%)	0425	0.42000	0.00000	0.40533	0.02753	0.00849	29	0.53	2%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.42000	0.02000	0.40533	0.02753	0.00849	29	0.53	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.43000	0.02000	0.40533	0.02753	0.00849	29	0.90	3%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.43500	0.01000	0.40533	0.02753	0.00849	29	1.08	4%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.44000	0.00000	0.40533	0.02753	0.00849	29	1.26	4%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.45500	0.01000	0.40533	0.02753	0.00849	29	1.80	6%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.46875	0.02770	0.40533	0.02753	0.00849	29	2.30	8%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.52000	0.02000	0.40533	0.02753	0.00849	29	4.16	14%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.41000	0.06000	0.40533	0.02753	0.00849	29	0.17	1%	1
033.01	Salt as chloride, Poten Cl (%)	0596	1.4760	0.03200	0.40533	0.02753	0.00849	29	38.89	132%	2
033.03	Salt as chloride, Quantab (%)	0265	0.23000	0.00000	0.30500	0.08292	0.01400	5	-0.90	12%	0
033.03	Salt as chloride, Quantab (%)	0144	0.25000	0.00000	0.30500	0.08292	0.01400	5	-0.66	9%	0
033.03	Salt as chloride, Quantab (%)	0505	0.28500	0.03000	0.30500	0.08292	0.01400	5	-0.24	3%	0
033.03	Salt as chloride, Quantab (%)	0190	0.32000	0.04000	0.30500	0.08292	0.01400	5	0.18	2%	0
033.03	Salt as chloride, Quantab (%)	0726	0.44000	0.00000	0.30500	0.08292	0.01400	5	1.63	22%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.36250	0.00500	0.38250	0.01887	0.01167	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	0.38500	0.03000	0.38250	0.01887	0.01167	3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.40000	0.00000	0.38250	0.01887	0.01167	3			0
033.99	Salt, Miscellaneous (%)	2033	0.26500	0.05000	0.37979	0.07225	0.02042	12	-1.59	15%	0
033.99	Salt, Miscellaneous (%)	0358	0.31500	0.01000	0.37979	0.07225	0.02042	12	-0.90	9%	0
033.99	Salt, Miscellaneous (%)	0027	0.33050	0.02700	0.37979	0.07225	0.02042	12	-0.68	6%	0
033.99	Salt, Miscellaneous (%)	0613	0.35420	0.00000	0.37979	0.07225	0.02042	12	-0.35	3%	0
033.99	Salt, Miscellaneous (%)	0552	0.36500	0.01000	0.37979	0.07225	0.02042	12	-0.20	2%	0
033.99	Salt, Miscellaneous (%)	0017	0.36950	0.07300	0.37979	0.07225	0.02042	12	-0.14	1%	0
033.99	Salt, Miscellaneous (%)	0910	0.37000	0.00000	0.37979	0.07225	0.02042	12	-0.14	1%	0
033.99	Salt, Miscellaneous (%)	0208	0.39150	0.01700	0.37979	0.07225	0.02042	12	0.16	2%	0
033.99	Salt, Miscellaneous (%)	2073	0.40000	0.04000	0.37979	0.07225	0.02042	12	0.28	3%	0
033.99	Salt, Miscellaneous (%)	0619	0.41400	0.00800	0.37979	0.07225	0.02042	12	0.47	5%	0
033.99	Salt, Miscellaneous (%)	0536	0.51500	0.01000	0.37979	0.07225	0.02042	12	1.87	18%	0
033.99	Salt, Miscellaneous (%)	0681	0.92000	0.00000	0.37979	0.07225	0.02042	12	7.48	71%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	0.67800	0.01000				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.75000	0.01600				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.41500	0.05000	0.66633	0.17749	0.02100	6	-1.42	19%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.59000	0.02000	0.66633	0.17749	0.02100	6	-0.43	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.65300	0.03600	0.66633	0.17749	0.02100	6	-0.08	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.68500	0.01000	0.66633	0.17749	0.02100	6	0.11	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.80500	0.01000	0.66633	0.17749	0.02100	6	0.78	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.85000	0.00000	0.66633	0.17749	0.02100	6	1.03	14%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.51200	0.03000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	0.50000	0.80000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.70000	0.02000	0.78488	0.06178	0.04475	4	-1.37	5%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.78450	0.04900	0.78488	0.06178	0.04475	4	-0.01	0%	0

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034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.81000	0.06000	0.78488	0.06178	0.04475	4	0.41	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.84500	0.05000	0.78488	0.06178	0.04475	4	0.97	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.73450	0.06900	0.87796	0.11574	0.08252	5	-1.24	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0027	0.84950	0.07900	0.87796	0.11574	0.08252	5	-0.25	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0638	0.86700	0.04400	0.87796	0.11574	0.08252	5	-0.09	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.88180	0.04060	0.87796	0.11574	0.08252	5	0.03	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.0570	0.18000	0.87796	0.11574	0.08252	5	1.55	10%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.64700	0.04400	1.3223	1.0483	0.05467	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.79000	0.08000	1.3223	1.0483	0.05467	3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	2.5300	0.04000	1.3223	1.0483	0.05467	3			0
035.01	Sodium, Ion-selective electrode (%)	0881	0.12950	0.00100	0.13583	0.00777	0.01050	4	-0.82	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.13350	0.02100	0.13583	0.00777	0.01050	4	-0.30	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.14450	0.00500	0.13583	0.00777	0.01050	4	1.12	3%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.44250	0.01500	0.13583	0.00777	0.01050	4	39.48	113%	0
035.05	Sodium, Flame Emission (%)	0108	0.13000	0.02000				2			0
035.05	Sodium, Flame Emission (%)	0152	0.15500	0.01000				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.05500	0.01000	0.12845	0.01565	0.00619	18	-4.69	29%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.10200	0.00400	0.12845	0.01565	0.00619	18	-1.69	10%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.11000	0.02000	0.12845	0.01565	0.00619	18	-1.18	7%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.11350	0.02100	0.12845	0.01565	0.00619	18	-0.96	6%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.11500	0.01000	0.12845	0.01565	0.00619	18	-0.86	5%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.12310	0.00060	0.12845	0.01565	0.00619	18	-0.34	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.12350	0.00060	0.12845	0.01565	0.00619	18	-0.32	2%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.12700	0.00000	0.12845	0.01565	0.00619	18	-0.09	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.12950	0.01700	0.12845	0.01565	0.00619	18	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.13350	0.00300	0.12845	0.01565	0.00619	18	0.32	2%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.13500	0.01000	0.12845	0.01565	0.00619	18	0.42	3%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.14000	0.00000	0.12845	0.01565	0.00619	18	0.74	4%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.14000	0.00000	0.12845	0.01565	0.00619	18	0.74	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.14000	0.00000	0.12845	0.01565	0.00619	18	0.74	4%	0
035.31	Sodium, AAS, Dry ash (%)	2126	0.14000	0.00000	0.12845	0.01565	0.00619	18	0.74	4%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.14250	0.00500	0.12845	0.01565	0.00619	18	0.90	5%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.14460	0.00020	0.12845	0.01565	0.00619	18	1.03	6%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.14500	0.01000	0.12845	0.01565	0.00619	18	1.06	6%	0
035.31	Sodium, AAS, Dry ash (%)	0656	3.1900	0.04000	0.12845	0.01565	0.00619	18	195.66	1192%	2
035.32	Sodium, AAS, Open vessel (%)	0035	0.15000	0.00000	0.49500	0.48790	0.00333	3			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.18500	0.01000	0.49500	0.48790	0.00333	3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.84000	0.00000	0.49500	0.48790	0.00333	3			0
035.41	Sodium, ICP, Dry ash (%)	0610	0.11000	0.00000	0.12903	0.00767	0.00385	27	-2.48	7%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.11535	0.00210	0.12903	0.00767	0.00385	27	-1.78	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.12000	0.00000	0.12903	0.00767	0.00385	27	-1.18	3%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.12000	0.00000	0.12903	0.00767	0.00385	27	-1.18	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0164	0.12150	0.00100	0.12903	0.00767	0.00385	27	-0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.12150	0.00500	0.12903	0.00767	0.00385	27	-0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.12500	0.01000	0.12903	0.00767	0.00385	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.12500	0.01000	0.12903	0.00767	0.00385	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.12500	0.01000	0.12903	0.00767	0.00385	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.12500	0.01000	0.12903	0.00767	0.00385	27	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.12815	0.00470	0.12903	0.00767	0.00385	27	-0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.12900	0.00200	0.12903	0.00767	0.00385	27	0.00	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0868	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.13000	0.00000	0.12903	0.00767	0.00385	27	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.13245	0.00010	0.12903	0.00767	0.00385	27	0.45	1%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.13400	0.00000	0.12903	0.00767	0.00385	27	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.13500	0.01000	0.12903	0.00767	0.00385	27	0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.13500	0.01000	0.12903	0.00767	0.00385	27	0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	2126	0.13500	0.01000	0.12903	0.00767	0.00385	27	0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.13600	0.01400	0.12903	0.00767	0.00385	27	0.91	3%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.14000	0.00000	0.12903	0.00767	0.00385	27	1.43	4%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.14200	0.00200	0.12903	0.00767	0.00385	27	1.69	5%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.14650	0.00300	0.12903	0.00767	0.00385	27	2.28	7%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.13000	0.02000	0.12903	0.00767	0.00385	27	0.13	0%	1
035.41	Sodium, ICP, Dry ash (%)	0089	0.22000	0.00000	0.12903	0.00767	0.00385	27	11.86	35%	2
035.42	Sodium, ICP, Open vessel (%)	0035	0.11000	0.00000	0.12918	0.01319	0.00429	17	-1.45	7%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.11000	0.00000	0.12918	0.01319	0.00429	17	-1.45	7%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.11850	0.00300	0.12918	0.01319	0.00429	17	-0.81	4%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.12000	0.02000	0.12918	0.01319	0.00429	17	-0.70	4%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.12150	0.00100	0.12918	0.01319	0.00429	17	-0.58	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.12350	0.00100	0.12918	0.01319	0.00429	17	-0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.12500	0.01000	0.12918	0.01319	0.00429	17	-0.32	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.12785	0.00030	0.12918	0.01319	0.00429	17	-0.10	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.12950	0.01300	0.12918	0.01319	0.00429	17	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.13000	0.00000	0.12918	0.01319	0.00429	17	0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.13000	0.00000	0.12918	0.01319	0.00429	17	0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.13500	0.01000	0.12918	0.01319	0.00429	17	0.44	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.13505	0.00110	0.12918	0.01319	0.00429	17	0.44	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.14000	0.00000	0.12918	0.01319	0.00429	17	0.82	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.14500	0.01000	0.12918	0.01319	0.00429	17	1.20	6%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.14625	0.00270	0.12918	0.01319	0.00429	17	1.29	7%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.15150	0.00080	0.12918	0.01319	0.00429	17	1.69	9%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0555	0.14500	0.03000	0.12918	0.01319	0.00429	17	1.20	6%	1
035.43	Sodium, ICP, Microwave (%)	0043	0.11000	0.00000	0.12520	0.01179	0.00622	16	-1.29	6%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.11000	0.00000	0.12520	0.01179	0.00622	16	-1.29	6%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.11550	0.00100	0.12520	0.01179	0.00622	16	-0.82	4%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.11550	0.00300	0.12520	0.01179	0.00622	16	-0.82	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.12000	0.00000	0.12520	0.01179	0.00622	16	-0.44	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.12050	0.00300	0.12520	0.01179	0.00622	16	-0.40	2%	0
035.43	Sodium, ICP, Microwave (%)	0638	0.12100	0.00000	0.12520	0.01179	0.00622	16	-0.36	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.12250	0.00300	0.12520	0.01179	0.00622	16	-0.23	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.12435	0.00290	0.12520	0.01179	0.00622	16	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.12550	0.00100	0.12520	0.01179	0.00622	16	0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.13000	0.02000	0.12520	0.01179	0.00622	16	0.41	2%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.13250	0.02300	0.12520	0.01179	0.00622	16	0.62	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.13500	0.01000	0.12520	0.01179	0.00622	16	0.83	4%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.13510	0.00060	0.12520	0.01179	0.00622	16	0.84	4%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.14340	0.00300	0.12520	0.01179	0.00622	16	1.54	7%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.14550	0.02900	0.12520	0.01179	0.00622	16	1.72	8%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.13310	0.00940				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.12100	0.00400	0.12567	0.00605	0.01200	3			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.12350	0.00700	0.12567	0.00605	0.01200	3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.13250	0.02500	0.12567	0.00605	0.01200	3			0
035.99	Sodium, Miscellaneous (%)	0242	0.11000	0.00000	0.12333	0.01528	0.01500	4	-0.87	5%	0
035.99	Sodium, Miscellaneous (%)	0100	0.12000	0.00000	0.12333	0.01528	0.01500	4	-0.22	1%	0
035.99	Sodium, Miscellaneous (%)	2105	0.14000	0.04000	0.12333	0.01528	0.01500	4	1.09	7%	0
035.99	Sodium, Miscellaneous (%)	0889	0.34000	0.02000	0.12333	0.01528	0.01500	4	14.18	88%	0
036.04	Sulfur, LECO (%)	0610	0.21000	0.00000	0.28167	0.00289	0.00750	4	-24.83	13%	0
036.04	Sulfur, LECO (%)	0098	0.28000	0.00000	0.28167	0.00289	0.00750	4	-0.58	0%	0
036.04	Sulfur, LECO (%)	0229	0.28000	0.02000	0.28167	0.00289	0.00750	4	-0.58	0%	0
036.04	Sulfur, LECO (%)	0226	0.28500	0.01000	0.28167	0.00289	0.00750	4	1.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.21955	0.00070	0.27244	0.01963	0.00578	24	-2.69	10%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.23500	0.01000	0.27244	0.01963	0.00578	24	-1.91	7%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.24700	0.00800	0.27244	0.01963	0.00578	24	-1.30	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.25000	0.02000	0.27244	0.01963	0.00578	24	-1.14	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.25800	0.01400	0.27244	0.01963	0.00578	24	-0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.26000	0.00000	0.27244	0.01963	0.00578	24	-0.63	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.26360	0.00140	0.27244	0.01963	0.00578	24	-0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.26500	0.01000	0.27244	0.01963	0.00578	24	-0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.26500	0.01000	0.27244	0.01963	0.00578	24	-0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.26500	0.01000	0.27244	0.01963	0.00578	24	-0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.27000	0.00000	0.27244	0.01963	0.00578	24	-0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.27000	0.00000	0.27244	0.01963	0.00578	24	-0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.27185	0.00210	0.27244	0.01963	0.00578	24	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0560	0.27550	0.00100	0.27244	0.01963	0.00578	24	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.27915	0.00030	0.27244	0.01963	0.00578	24	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.28000	0.00000	0.27244	0.01963	0.00578	24	0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.28000	0.00000	0.27244	0.01963	0.00578	24	0.38	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.28600	0.00600	0.27244	0.01963	0.00578	24	0.69	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.29000	0.00000	0.27244	0.01963	0.00578	24	0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.29040	0.01820	0.27244	0.01963	0.00578	24	0.91	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.29100	0.00600	0.27244	0.01963	0.00578	24	0.95	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.29325	0.00110	0.27244	0.01963	0.00578	24	1.06	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.30000	0.02000	0.27244	0.01963	0.00578	24	1.40	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.32000	0.00000	0.27244	0.01963	0.00578	24	2.42	9%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.23500	0.03000	0.27244	0.01963	0.00578	24	-1.91	7%	1
036.43	Sulfur, ICP, Microwave (%)	2033	0.19270	0.00200	0.26314	0.02120	0.00431	11	-3.32	13%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.24000	0.00000	0.26314	0.02120	0.00431	11	-1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0638	0.24550	0.00300	0.26314	0.02120	0.00431	11	-0.83	3%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.26000	0.00200	0.26314	0.02120	0.00431	11	-0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.26100	0.00200	0.26314	0.02120	0.00431	11	-0.10	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.26500	0.01000	0.26314	0.02120	0.00431	11	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.26550	0.00300	0.26314	0.02120	0.00431	11	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.27330	0.01540	0.26314	0.02120	0.00431	11	0.48	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.27800	0.00000	0.26314	0.02120	0.00431	11	0.70	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.28000	0.00000	0.26314	0.02120	0.00431	11	0.79	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.30500	0.01000	0.26314	0.02120	0.00431	11	1.97	8%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.34100	0.03860	0.26314	0.02120	0.00431	11	3.67	15%	1
036.99	Sulfur, Miscellaneous (%)	0889	0.23000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.26000	0.00000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0638	144.00	2.0000	158.27	9.5718	3.2445	17	-1.49	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	147.05	2.1000	158.27	9.5718	3.2445	17	-1.17	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	150.38	0.03000	158.27	9.5718	3.2445	17	-0.82	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	153.00	6.0000	158.27	9.5718	3.2445	17	-0.55	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	153.30	5.6000	158.27	9.5718	3.2445	17	-0.52	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	154.14	2.1460	158.27	9.5718	3.2445	17	-0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	156.00	4.0000	158.27	9.5718	3.2445	17	-0.24	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	156.23	4.0000	158.27	9.5718	3.2445	17	-0.21	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	156.50	1.0000	158.27	9.5718	3.2445	17	-0.18	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	157.50	1.0000	158.27	9.5718	3.2445	17	-0.08	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	158.00	2.0000	158.27	9.5718	3.2445	17	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	159.66	0.16000	158.27	9.5718	3.2445	17	0.15	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	161.00	8.0000	158.27	9.5718	3.2445	17	0.29	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	168.58	4.7500	158.27	9.5718	3.2445	17	1.08	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	170.00	5.0000	158.27	9.5718	3.2445	17	1.23	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	174.00	2.0000	158.27	9.5718	3.2445	17	1.64	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	178.23	5.3700	158.27	9.5718	3.2445	17	2.08	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	158.00	18.000	158.27	9.5718	3.2445	17	-0.03	0%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	151.00	4.0000	156.83	5.1072	3.6667	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	159.00	2.0000	156.83	5.1072	3.6667	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	160.50	5.0000	156.83	5.1072	3.6667	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	150.00	0.00000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	155.98	1.7400				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	133.50	3.0000	152.47	11.896	4.1979	26	-1.59	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	136.33	2.0900	152.47	11.896	4.1979	26	-1.36	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	139.00	3.0000	152.47	11.896	4.1979	26	-1.13	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	139.50	1.0000	152.47	11.896	4.1979	26	-1.09	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	140.00	4.0000	152.47	11.896	4.1979	26	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	143.80	0.00000	152.47	11.896	4.1979	26	-0.73	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	143.90	3.2000	152.47	11.896	4.1979	26	-0.72	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	145.50	9.0000	152.47	11.896	4.1979	26	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	145.50	1.0000	152.47	11.896	4.1979	26	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	145.80	3.4000	152.47	11.896	4.1979	26	-0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0868	146.50	5.0000	152.47	11.896	4.1979	26	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	151.45	0.50000	152.47	11.896	4.1979	26	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	151.79	15.230	152.47	11.896	4.1979	26	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	152.50	3.0000	152.47	11.896	4.1979	26	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	155.50	1.0000	152.47	11.896	4.1979	26	0.25	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	158.30	3.0000	152.47	11.896	4.1979	26	0.49	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	160.45	9.7000	152.47	11.896	4.1979	26	0.67	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	160.46	4.3600	152.47	11.896	4.1979	26	0.67	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	160.76	1.6150	152.47	11.896	4.1979	26	0.70	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	162.00	14.000	152.47	11.896	4.1979	26	0.80	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	162.02	1.8100	152.47	11.896	4.1979	26	0.80	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	162.13	4.0500	152.47	11.896	4.1979	26	0.81	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	163.50	3.0000	152.47	11.896	4.1979	26	0.93	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	165.55	8.1000	152.47	11.896	4.1979	26	1.10	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	167.10	2.0898	152.47	11.896	4.1979	26	1.23	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	187.50	3.0000	152.47	11.896	4.1979	26	2.94	11%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2126	0.01000	0.00000	152.47	11.896	4.1979	26	-12.82	50%	2
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	0.01250	0.00020	156.90	12.848	4.7646	21	-12.21	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	122.29	3.0300	156.90	12.848	4.7646	21	-2.69	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	140.35	3.5000	156.90	12.848	4.7646	21	-1.29	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	146.95	3.3000	156.90	12.848	4.7646	21	-0.77	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	148.50	1.0000	156.90	12.848	4.7646	21	-0.65	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	150.00	6.0000	156.90	12.848	4.7646	21	-0.54	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	152.00	0.01000	156.90	12.848	4.7646	21	-0.38	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	152.00	2.0000	156.90	12.848	4.7646	21	-0.38	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	153.00	18.000	156.90	12.848	4.7646	21	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	154.37	3.2700	156.90	12.848	4.7646	21	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	157.00	2.0000	156.90	12.848	4.7646	21	0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	157.82	12.607	156.90	12.848	4.7646	21	0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	158.65	3.9000	156.90	12.848	4.7646	21	0.14	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	162.17	1.9400	156.90	12.848	4.7646	21	0.41	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	162.50	13.000	156.90	12.848	4.7646	21	0.44	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	165.50	0.20000	156.90	12.848	4.7646	21	0.67	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	170.00	2.0000	156.90	12.848	4.7646	21	1.02	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	170.00	0.00000	156.90	12.848	4.7646	21	1.02	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	171.00	18.000	156.90	12.848	4.7646	21	1.10	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	172.35	5.3000	156.90	12.848	4.7646	21	1.20	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	175.50	1.0000	156.90	12.848	4.7646	21	1.45	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	140.00	0.00000	157.45	15.555	6.7325	15	-1.12	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	143.50	3.0000	157.45	15.555	6.7325	15	-0.90	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	144.96	13.308	157.45	15.555	6.7325	15	-0.80	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	146.95	1.5000	157.45	15.555	6.7325	15	-0.68	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	149.73	4.5800	157.45	15.555	6.7325	15	-0.50	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	150.50	5.0000	157.45	15.555	6.7325	15	-0.45	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	151.50	1.0000	157.45	15.555	6.7325	15	-0.38	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	154.00	14.000	157.45	15.555	6.7325	15	-0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	154.00	4.0000	157.45	15.555	6.7325	15	-0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	158.00	10.000	157.45	15.555	6.7325	15	0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	159.00	6.0000	157.45	15.555	6.7325	15	0.10	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	168.50	7.6000	157.45	15.555	6.7325	15	0.71	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	180.00	14.000	157.45	15.555	6.7325	15	1.45	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	180.34	11.400	157.45	15.555	6.7325	15	1.47	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	181.49	5.6000	157.45	15.555	6.7325	15	1.55	8%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	154.50	7.0000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	155.00	10.000				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0638	140.50	7.0000	164.17	20.551	3.0000	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	174.50	1.0000	164.17	20.551	3.0000	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	177.50	1.0000	164.17	20.551	3.0000	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	124.50	1.0000	143.17	21.061	3.0000	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	139.00	6.0000	143.17	21.061	3.0000	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	166.00	2.0000	143.17	21.061	3.0000	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.5500	0.10000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.6605	0.05300				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.6350	0.07000	1.6818	0.06842	0.06980	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.6500	0.10000	1.6818	0.06842	0.06980	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.7603	0.03940	1.6818	0.06842	0.06980	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.2350	0.17000	1.5979	0.22710	0.14904	7	-1.60	11%	0

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038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.5050	0.01000	1.5979	0.22710	0.14904	7	-0.41	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0508	1.5459	0.05580	1.5979	0.22710	0.14904	7	-0.23	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.6000	0.20000	1.5979	0.22710	0.14904	7	0.01	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.6500	0.30000	1.5979	0.22710	0.14904	7	0.23	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.7200	0.26000	1.5979	0.22710	0.14904	7	0.54	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.9072	0.04750	1.5979	0.22710	0.14904	7	1.36	10%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.8000	0.00000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2145	0.21300	1.5402	0.30809	0.09570	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.5791	0.01610	1.5402	0.30809	0.09570	3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0638	1.8270	0.05800	1.5402	0.30809	0.09570	3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	7.1750	0.01000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	7.5323	0.21980				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	7.5000	0.40000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	7.1591	0.06080				2			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0638	7.7255	0.48100				2			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0508	0.79225	0.09630				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.0500	0.10000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0638	0.78800	0.01400				1			0
042.00	Chloride, Titrimetric (%)	0297	0.19000	0.00000				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.23000	0.00000				1			0
045.00	Amprolium, Color (mg / kg (ppm))	0511	130.50	1.0000	149.36	17.055	6.2600	5	-1.11	6%	0
045.00	Amprolium, Color (mg / kg (ppm))	0043	131.00	22.000	149.36	17.055	6.2600	5	-1.08	6%	0
045.00	Amprolium, Color (mg / kg (ppm))	0036	140.55	0.30000	149.36	17.055	6.2600	5	-0.52	3%	0
045.00	Amprolium, Color (mg / kg (ppm))	0019	157.90	3.0000	149.36	17.055	6.2600	5	0.50	3%	0
045.00	Amprolium, Color (mg / kg (ppm))	0013	168.50	5.0000	149.36	17.055	6.2600	5	1.12	6%	0
045.02	Amprolium, LC (mg / kg (ppm))	0875	92.000	0.00000	138.29	8.0656	4.5392	12	-5.74	17%	0
045.02	Amprolium, LC (mg / kg (ppm))	0047	130.45	0.50000	138.29	8.0656	4.5392	12	-0.97	3%	0
045.02	Amprolium, LC (mg / kg (ppm))	2053	133.50	13.000	138.29	8.0656	4.5392	12	-0.59	2%	0
045.02	Amprolium, LC (mg / kg (ppm))	0032	134.00	6.0000	138.29	8.0656	4.5392	12	-0.53	2%	0
045.02	Amprolium, LC (mg / kg (ppm))	0006	135.07	0.20000	138.29	8.0656	4.5392	12	-0.40	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0004	138.00	0.00000	138.29	8.0656	4.5392	12	-0.04	0%	0
045.02	Amprolium, LC (mg / kg (ppm))	0014	139.50	5.0000	138.29	8.0656	4.5392	12	0.15	0%	0
045.02	Amprolium, LC (mg / kg (ppm))	0001	140.00	2.0000	138.29	8.0656	4.5392	12	0.21	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0218	141.30	1.6700	138.29	8.0656	4.5392	12	0.37	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0027	141.50	3.0000	138.29	8.0656	4.5392	12	0.40	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0038	149.55	12.100	138.29	8.0656	4.5392	12	1.40	4%	0
045.02	Amprolium, LC (mg / kg (ppm))	0512	175.70	11.000	138.29	8.0656	4.5392	12	4.64	14%	0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	0.00000	0.00000				0			4
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	0.00000	0.00000				0			4
057.01	Ethoxyquin, LC (mg / kg (ppm))	0939	1.2700	0.04000				1			0
059.00	Hygromycin B, Microbiological (Units / kg)	0027	19.053	2.3128				1			0
073.00	Oxytetracycline, Plate (mg / kg (ppm))	0043	171.25	1.3000	179.39	13.455	5.8700	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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073.00	Oxytetracycline, Plate (mg / kg (ppm))	0004	172.00	14.000	179.39	13.455	5.8700	3			0
073.00	Oxytetracycline, Plate (mg / kg (ppm))	0035	194.92	2.3100	179.39	13.455	5.8700	3			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0613	157.60	22.600	185.80	26.116	12.427	8	-1.08	8%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0036	164.60	0.20000	185.80	26.116	12.427	8	-0.81	6%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0218	172.20	14.753	185.80	26.116	12.427	8	-0.52	4%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0917	175.00	4.0000	185.80	26.116	12.427	8	-0.41	3%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0038	186.80	3.0000	185.80	26.116	12.427	8	0.04	0%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0910	194.50	21.000	185.80	26.116	12.427	8	0.33	2%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	2127	213.50	1.0000	185.80	26.116	12.427	8	1.06	7%	0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0904	222.17	32.865	185.80	26.116	12.427	8	1.39	10%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0939	137.19	7.6400	162.04	16.163	3.5280	5	-1.54	8%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0033	154.50	3.0000	162.04	16.163	3.5280	5	-0.47	2%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0001	169.50	1.0000	162.04	16.163	3.5280	5	0.46	2%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0013	173.00	2.0000	162.04	16.163	3.5280	5	0.68	3%	0
073.04	Oxytetracycline, LC, AOAC (mg / kg (ppm))	0032	176.00	4.0000	162.04	16.163	3.5280	5	0.86	4%	0
088.00	Tylosin, Plate (mg / kg (ppm))	0004	86.500	1.0000				2			0
088.00	Tylosin, Plate (mg / kg (ppm))	0043	96.250	1.3000				2			0
088.03	Tylosin, LC (mg / kg (ppm))	0038	62.865	3.0900	81.054	18.294	4.6475	4	-0.99	11%	0
088.03	Tylosin, LC (mg / kg (ppm))	0910	70.450	4.7000	81.054	18.294	4.6475	4	-0.58	7%	0
088.03	Tylosin, LC (mg / kg (ppm))	0032	86.900	8.8000	81.054	18.294	4.6475	4	0.32	4%	0
088.03	Tylosin, LC (mg / kg (ppm))	0033	104.00	2.0000	81.054	18.294	4.6475	4	1.25	14%	0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,015.0	10.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,394.0	26.000				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,865.0	110.00				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	163.50	5.0000				1			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0096	225.00	10.000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	32.700	2.2000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	63.730	0.00000				1			0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0096	43.500	3.0000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	39.950	2.5000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	41.100	2.8000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	31.275	0.13000	36.279	4.4750	0.68406	5	-1.12	7%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	33.000	0.80000	36.279	4.4750	0.68406	5	-0.73	5%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	35.270	0.02000	36.279	4.4750	0.68406	5	-0.23	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0644	40.700	1.0000	36.279	4.4750	0.68406	5	0.99	6%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0027	41.152	1.4703	36.279	4.4750	0.68406	5	1.09	7%	0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0096	40.000	2.0000				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	9.7460	0.00000	12.180	2.4674	0.47000	6	-0.99	10%	0
105.00	Thiamine, LC (mg / kg (ppm))	0904	10.425	0.95000	12.180	2.4674	0.47000	6	-0.71	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	11.605	1.3700	12.180	2.4674	0.47000	6	-0.23	2%	0
105.00	Thiamine, LC (mg / kg (ppm))	0644	12.524	0.00000	12.180	2.4674	0.47000	6	0.14	1%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	12.900	0.00000	12.180	2.4674	0.47000	6	0.29	3%	0

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105.00	Thiamine, LC (mg / kg (ppm))	2053	18.550	0.50000	12.180	2.4674	0.47000	6	2.58	26%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0096	11.500	1.0000				2			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	19.400	0.40000				2			0
106.00	Vitamin A, Color (KU / kg)	0171	38.900	1.4000				2			0
106.00	Vitamin A, Color (KU / kg)	0019	48.545	4.7700				2			0
106.01	Vitamin A, UV (KU / kg)	0098	47.550	2.9000				1			0
106.02	Vitamin A, LC (KU / kg)	0638	19.600	0.00000	38.416	8.9749	2.1605	25	-2.10	24%	0
106.02	Vitamin A, LC (KU / kg)	0035	20.505	2.2100	38.416	8.9749	2.1605	25	-2.00	23%	0
106.02	Vitamin A, LC (KU / kg)	0941	29.205	1.3700	38.416	8.9749	2.1605	25	-1.03	12%	0
106.02	Vitamin A, LC (KU / kg)	0555	30.450	1.7000	38.416	8.9749	2.1605	25	-0.89	10%	0
106.02	Vitamin A, LC (KU / kg)	0905	30.500	0.20000	38.416	8.9749	2.1605	25	-0.88	10%	0
106.02	Vitamin A, LC (KU / kg)	0644	31.307	1.0090	38.416	8.9749	2.1605	25	-0.79	9%	0
106.02	Vitamin A, LC (KU / kg)	0563	32.040	1.2063	38.416	8.9749	2.1605	25	-0.71	8%	0
106.02	Vitamin A, LC (KU / kg)	0004	34.900	0.22000	38.416	8.9749	2.1605	25	-0.39	5%	0
106.02	Vitamin A, LC (KU / kg)	2053	34.950	0.50000	38.416	8.9749	2.1605	25	-0.39	5%	0
106.02	Vitamin A, LC (KU / kg)	0676	35.415	0.43000	38.416	8.9749	2.1605	25	-0.33	4%	0
106.02	Vitamin A, LC (KU / kg)	0027	35.653	5.5469	38.416	8.9749	2.1605	25	-0.31	4%	0
106.02	Vitamin A, LC (KU / kg)	0003	37.480	3.3800	38.416	8.9749	2.1605	25	-0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	0038	39.060	7.2600	38.416	8.9749	2.1605	25	0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	39.350	0.50000	38.416	8.9749	2.1605	25	0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	0227	39.500	0.20000	38.416	8.9749	2.1605	25	0.12	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	40.750	5.3000	38.416	8.9749	2.1605	25	0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0208	41.336	8.5980	38.416	8.9749	2.1605	25	0.33	4%	0
106.02	Vitamin A, LC (KU / kg)	2103	41.620	1.7000	38.416	8.9749	2.1605	25	0.36	4%	0
106.02	Vitamin A, LC (KU / kg)	0148	42.655	0.03000	38.416	8.9749	2.1605	25	0.47	6%	0
106.02	Vitamin A, LC (KU / kg)	2068	43.483	1.5530	38.416	8.9749	2.1605	25	0.56	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	44.950	2.7000	38.416	8.9749	2.1605	25	0.73	9%	0
106.02	Vitamin A, LC (KU / kg)	0010	50.250	3.5000	38.416	8.9749	2.1605	25	1.32	15%	0
106.02	Vitamin A, LC (KU / kg)	0689	55.450	1.7000	38.416	8.9749	2.1605	25	1.90	22%	0
106.02	Vitamin A, LC (KU / kg)	0014	57.500	0.20000	38.416	8.9749	2.1605	25	2.13	25%	0
106.02	Vitamin A, LC (KU / kg)	0169	60.500	3.0000	38.416	8.9749	2.1605	25	2.46	29%	0
106.02	Vitamin A, LC (KU / kg)	0904	32,665	3,890.0	38.416	8.9749	2.1605	25	3635.32	42465%	2
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0096	95.000	10.000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	8.5000	1.0000	9.7267	1.0792	0.54667	3			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0096	10.150	0.10000	9.7267	1.0792	0.54667	3			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	10.530	0.54000	9.7267	1.0792	0.54667	3			0
108.02	Vitamin D3, LC (KU / kg)	0208	6.7500	1.2600	8.9226	1.8890	34.640	5	-1.15	12%	0
108.02	Vitamin D3, LC (KU / kg)	0644	8.2405	0.73900	8.9226	1.8890	34.640	5	-0.36	4%	0
108.02	Vitamin D3, LC (KU / kg)	0610	9.5000	1.2000	8.9226	1.8890	34.640	5	0.31	3%	0
108.02	Vitamin D3, LC (KU / kg)	0227	11.200	0.00000	8.9226	1.8890	34.640	5	1.21	13%	0
108.02	Vitamin D3, LC (KU / kg)	0904	1,315.0	170.00	8.9226	1.8890	34.640	5	691.40	7319%	0
109.02	Vitamin E, LC (IU/kg)	0638	199.00	0.00000	331.99	54.184	9.5737	21	-2.45	20%	0

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109.02	Vitamin E, LC (IU/kg)	0904	210.12	11.840	331.99	54.184	9.5737	21	-2.25	18%	0
109.02	Vitamin E, LC (IU/kg)	0563	247.14	0.39320	331.99	54.184	9.5737	21	-1.57	13%	0
109.02	Vitamin E, LC (IU/kg)	0038	257.70	19.000	331.99	54.184	9.5737	21	-1.37	11%	0
109.02	Vitamin E, LC (IU/kg)	0676	302.60	9.4000	331.99	54.184	9.5737	21	-0.54	4%	0
109.02	Vitamin E, LC (IU/kg)	0208	303.39	29.155	331.99	54.184	9.5737	21	-0.53	4%	0
109.02	Vitamin E, LC (IU/kg)	0905	308.50	39.000	331.99	54.184	9.5737	21	-0.43	4%	0
109.02	Vitamin E, LC (IU/kg)	0098	330.50	1.0000	331.99	54.184	9.5737	21	-0.03	0%	0
109.02	Vitamin E, LC (IU/kg)	0590	331.54	0.00000	331.99	54.184	9.5737	21	-0.01	0%	0
109.02	Vitamin E, LC (IU/kg)	0036	345.50	3.0000	331.99	54.184	9.5737	21	0.25	2%	0
109.02	Vitamin E, LC (IU/kg)	0941	347.19	4.8600	331.99	54.184	9.5737	21	0.28	2%	0
109.02	Vitamin E, LC (IU/kg)	0169	348.00	0.00000	331.99	54.184	9.5737	21	0.30	2%	0
109.02	Vitamin E, LC (IU/kg)	0644	349.00	2.0000	331.99	54.184	9.5737	21	0.31	3%	0
109.02	Vitamin E, LC (IU/kg)	0910	350.70	12.000	331.99	54.184	9.5737	21	0.35	3%	0
109.02	Vitamin E, LC (IU/kg)	2103	358.00	20.000	331.99	54.184	9.5737	21	0.48	4%	0
109.02	Vitamin E, LC (IU/kg)	0227	360.50	27.000	331.99	54.184	9.5737	21	0.53	4%	0
109.02	Vitamin E, LC (IU/kg)	0861	370.00	0.00000	331.99	54.184	9.5737	21	0.70	6%	0
109.02	Vitamin E, LC (IU/kg)	0148	379.30	0.40000	331.99	54.184	9.5737	21	0.87	7%	0
109.02	Vitamin E, LC (IU/kg)	0555	382.00	2.0000	331.99	54.184	9.5737	21	0.92	8%	0
109.02	Vitamin E, LC (IU/kg)	0610	382.00	16.000	331.99	54.184	9.5737	21	0.92	8%	0
109.02	Vitamin E, LC (IU/kg)	2068	440.50	4.0000	331.99	54.184	9.5737	21	2.00	16%	0
109.02	Vitamin E, LC (IU/kg)	0027	351.74	108.37	331.99	54.184	9.5737	21	0.36	3%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	346.50	13.000				1			0
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0644	64.000	2.0000	79.333	21.968	6.9333	3			0
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0910	69.500	13.800	79.333	21.968	6.9333	3			0
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0227	104.50	5.0000	79.333	21.968	6.9333	3			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	26.685	4.4700				1			0
112.01	Pyridoxine, LC (µg / g)	2053	27.750	2.7000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	29.550	1.7000				2			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0096	24.000	2.0000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	14.350	0.10000				1			0
113.99	Folic acid, Miscellaneous (mg / kg (ppm))	0096	18.500	3.0000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	1.1400	0.12000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0050	0.01000	1.0368	0.01921	0.00904	13	-1.65	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.0150	0.01000	1.0368	0.01921	0.00904	13	-1.13	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.0250	0.01000	1.0368	0.01921	0.00904	13	-0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.0265	0.00500	1.0368	0.01921	0.00904	13	-0.54	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.0305	0.00500	1.0368	0.01921	0.00904	13	-0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.0315	0.01100	1.0368	0.01921	0.00904	13	-0.27	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.0400	0.02000	1.0368	0.01921	0.00904	13	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.0400	0.00200	1.0368	0.01921	0.00904	13	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.0415	0.00500	1.0368	0.01921	0.00904	13	0.25	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.0430	0.01400	1.0368	0.01921	0.00904	13	0.32	0%	0



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120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.0460	0.01400	1.0368	0.01921	0.00904	13	0.48	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.0679	0.01150	1.0368	0.01921	0.00904	13	1.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.0715	0.00000	1.0368	0.01921	0.00904	13	1.81	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0200	0.04000	1.0368	0.01921	0.00904	13	-0.87	1%	1
120.01	Alanine, Pre-col OPA Der (%)	0297	0.93150	0.00700				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.0660	0.00200				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.99450	0.02700	1.0158	0.01854	0.01567	3			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.0250	0.01000	1.0158	0.01854	0.01567	3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.0280	0.01000	1.0158	0.01854	0.01567	3			0
120.99	Alanine, Miscellaneous (%)	0904	1.0050	0.03000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1484	0.00000	1.2339	0.04415	0.01252	14	-1.94	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.1750	0.05000	1.2339	0.04415	0.01252	14	-1.33	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.1950	0.01000	1.2339	0.04415	0.01252	14	-0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2065	0.02100	1.2339	0.04415	0.01252	14	-0.62	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2150	0.01000	1.2339	0.04415	0.01252	14	-0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.2280	0.00400	1.2339	0.04415	0.01252	14	-0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2299	0.00030	1.2339	0.04415	0.01252	14	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.2400	0.00400	1.2339	0.04415	0.01252	14	0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.2500	0.00400	1.2339	0.04415	0.01252	14	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.2595	0.00100	1.2339	0.04415	0.01252	14	0.58	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2600	0.04000	1.2339	0.04415	0.01252	14	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.2730	0.02400	1.2339	0.04415	0.01252	14	0.89	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.2745	0.00700	1.2339	0.04415	0.01252	14	0.92	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.3500	0.00000	1.2339	0.04415	0.01252	14	2.63	5%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.3335	0.00500				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2355	0.02100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.2095	0.04100	1.2355	0.02407	0.02033	3			0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.2400	0.02000	1.2355	0.02407	0.02033	3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.2570	0.00000	1.2355	0.02407	0.02033	3			0
121.99	Arginine, Miscellaneous (%)	0904	1.4000	0.04000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.7950	0.03000	1.8360	0.04321	0.03119	14	-0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.8005	0.00900	1.8360	0.04321	0.03119	14	-0.82	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.8050	0.01000	1.8360	0.04321	0.03119	14	-0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.8070	0.00600	1.8360	0.04321	0.03119	14	-0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.8100	0.00400	1.8360	0.04321	0.03119	14	-0.60	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.8133	0.11970	1.8360	0.04321	0.03119	14	-0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.8190	0.01600	1.8360	0.04321	0.03119	14	-0.39	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.8200	0.08000	1.8360	0.04321	0.03119	14	-0.37	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.8275	0.01700	1.8360	0.04321	0.03119	14	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.8550	0.00200	1.8360	0.04321	0.03119	14	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.8600	0.08000	1.8360	0.04321	0.03119	14	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.8915	0.02300	1.8360	0.04321	0.03119	14	1.28	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.9000	0.04000	1.8360	0.04321	0.03119	14	1.48	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.9099	0.00000	1.8360	0.04321	0.03119	14	1.71	2%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.6410	0.08200				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.8775	0.04500				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.8400	0.04000	1.8510	0.01126	0.05400	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.8505	0.09700	1.8510	0.01126	0.05400	3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.8625	0.02500	1.8510	0.01126	0.05400	3			0
122.99	Aspartic, Miscellaneous (%)	0904	1.6400	0.02000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.28500	0.01000	0.32527	0.03115	0.00577	13	-1.29	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.28700	0.00000	0.32527	0.03115	0.00577	13	-1.23	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.30100	0.00200	0.32527	0.03115	0.00577	13	-0.78	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0504	0.30500	0.01000	0.32527	0.03115	0.00577	13	-0.65	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0571	0.31850	0.00300	0.32527	0.03115	0.00577	13	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.32000	0.02000	0.32527	0.03115	0.00577	13	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.32550	0.00100	0.32527	0.03115	0.00577	13	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.32950	0.00100	0.32527	0.03115	0.00577	13	0.14	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0868	0.33200	0.00400	0.32527	0.03115	0.00577	13	0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.34000	0.02000	0.32527	0.03115	0.00577	13	0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.34100	0.00200	0.32527	0.03115	0.00577	13	0.51	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.38600	0.00200	0.32527	0.03115	0.00577	13	1.95	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.46010	0.00000	0.32527	0.03115	0.00577	13	4.33	21%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.33510	0.06140	0.32527	0.03115	0.00577	13	0.32	2%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.33100	0.00200				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.33700	0.01200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.31500	0.03000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.32100	0.00600				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.31000	0.02000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3300	0.06000	3.4899	0.14146	0.03074	14	-1.13	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3765	0.01500	3.4899	0.14146	0.03074	14	-0.80	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.3925	0.00300	3.4899	0.14146	0.03074	14	-0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.4000	0.08000	3.4899	0.14146	0.03074	14	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.4000	0.02000	3.4899	0.14146	0.03074	14	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.4245	0.05900	3.4899	0.14146	0.03074	14	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.4275	0.02100	3.4899	0.14146	0.03074	14	-0.44	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.4487	0.01540	3.4899	0.14146	0.03074	14	-0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.4755	0.02300	3.4899	0.14146	0.03074	14	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.5500	0.02000	3.4899	0.14146	0.03074	14	0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	3.5750	0.01800	3.4899	0.14146	0.03074	14	0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.6548	0.00000	3.4899	0.14146	0.03074	14	1.17	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.7900	0.04000	3.4899	0.14146	0.03074	14	2.12	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.8430	0.05600	3.4899	0.14146	0.03074	14	2.50	5%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.6780	0.57600				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4090	0.03000				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.3450	0.03000	3.4208	0.10216	0.06100	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.3805	0.07700	3.4208	0.10216	0.06100	3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.5370	0.07600	3.4208	0.10216	0.06100	3			0
125.99	Glutamic, Miscellaneous (%)	0904	3.7200	0.14000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.82195	0.01130	0.84994	0.01906	0.00559	14	-1.47	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.83000	0.02000	0.84994	0.01906	0.00559	14	-1.05	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.83500	0.01000	0.84994	0.01906	0.00559	14	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.83650	0.00100	0.84994	0.01906	0.00559	14	-0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.83650	0.00500	0.84994	0.01906	0.00559	14	-0.71	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.84000	0.00000	0.84994	0.01906	0.00559	14	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.85050	0.00500	0.84994	0.01906	0.00559	14	0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.85500	0.00400	0.84994	0.01906	0.00559	14	0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.85700	0.00200	0.84994	0.01906	0.00559	14	0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.85800	0.00000	0.84994	0.01906	0.00559	14	0.42	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.86500	0.01000	0.84994	0.01906	0.00559	14	0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.86700	0.00800	0.84994	0.01906	0.00559	14	0.89	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.86820	0.00000	0.84994	0.01906	0.00559	14	0.96	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.90300	0.00200	0.84994	0.01906	0.00559	14	2.78	3%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.78450	0.02300				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.84900	0.01600				1			0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.84500	0.01000	0.87533	0.02761	0.02133	3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.88200	0.00800	0.87533	0.02761	0.02133	3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.89900	0.04600	0.87533	0.02761	0.02133	3			0
126.99	Glycine, Miscellaneous (%)	0904	0.83000	0.06000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.47550	0.00300	0.51235	0.01860	0.00582	14	-1.98	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.48780	0.00000	0.51235	0.01860	0.00582	14	-1.32	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.50000	0.00000	0.51235	0.01860	0.00582	14	-0.66	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.50000	0.00000	0.51235	0.01860	0.00582	14	-0.66	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.50050	0.01100	0.51235	0.01860	0.00582	14	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.50950	0.00500	0.51235	0.01860	0.00582	14	-0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.51300	0.00400	0.51235	0.01860	0.00582	14	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.51595	0.00750	0.51235	0.01860	0.00582	14	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.51950	0.01300	0.51235	0.01860	0.00582	14	0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.52000	0.00000	0.51235	0.01860	0.00582	14	0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.52300	0.00400	0.51235	0.01860	0.00582	14	0.57	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.52400	0.01000	0.51235	0.01860	0.00582	14	0.63	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.53500	0.01000	0.51235	0.01860	0.00582	14	1.22	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.61300	0.01400	0.51235	0.01860	0.00582	14	5.41	10%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.51150	0.00700				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.50600	0.00800				1			0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.51000	0.00000	0.51475	0.00672	0.00567	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.05	Histidine, Pre-col AQC Der (%)	0676	0.51950	0.00100	0.51475	0.00672	0.00567	3		4%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.54300	0.01600	0.51475	0.00672	0.00567	3		4%	0
127.99	Histidine, Miscellaneous (%)	0904	0.54500	0.01000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.70250	0.01900	0.77047	0.03185	0.00755	13	-2.13	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.70580	0.00000	0.77047	0.03185	0.00755	13	-2.03	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.75550	0.00900	0.77047	0.03185	0.00755	13	-0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.76000	0.00000	0.77047	0.03185	0.00755	13	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.76500	0.01000	0.77047	0.03185	0.00755	13	-0.17	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.76900	0.01400	0.77047	0.03185	0.00755	13	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.77070	0.00520	0.77047	0.03185	0.00755	13	0.01	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.77250	0.00500	0.77047	0.03185	0.00755	13	0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.77550	0.00100	0.77047	0.03185	0.00755	13	0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.77550	0.01100	0.77047	0.03185	0.00755	13	0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.80500	0.01000	0.77047	0.03185	0.00755	13	1.08	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.81000	0.00400	0.77047	0.03185	0.00755	13	1.24	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.81200	0.01000	0.77047	0.03185	0.00755	13	1.30	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.77000	0.04000	0.77047	0.03185	0.00755	13	-0.01	0%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.81550	0.00300				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.80050	0.00500				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.78550	0.02100	0.80367	0.01754	0.02133	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.80500	0.01000	0.80367	0.01754	0.02133	3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.82050	0.03300	0.80367	0.01754	0.02133	3			0
128.99	Isoleucine, Miscellaneous (%)	0904	0.83500	0.05000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6000	0.00000	1.6467	0.03171	0.01161	13	-1.47	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.6150	0.03000	1.6467	0.03171	0.01161	13	-1.00	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6191	0.02590	1.6467	0.03171	0.01161	13	-0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.6295	0.01300	1.6467	0.03171	0.01161	13	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.6318	0.00000	1.6467	0.03171	0.01161	13	-0.47	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6340	0.02000	1.6467	0.03171	0.01161	13	-0.40	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.6440	0.00400	1.6467	0.03171	0.01161	13	-0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.6615	0.00300	1.6467	0.03171	0.01161	13	0.47	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.6630	0.01200	1.6467	0.03171	0.01161	13	0.51	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.6670	0.01600	1.6467	0.03171	0.01161	13	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.6685	0.01700	1.6467	0.03171	0.01161	13	0.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.6800	0.00000	1.6467	0.03171	0.01161	13	1.05	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.7450	0.01000	1.6467	0.03171	0.01161	13	3.10	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.6100	0.06000	1.6467	0.03171	0.01161	13	-1.16	1%	1
129.01	Leucine, Pre-col OPA Der (%)	0297	1.5970	0.01000				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.6730	0.00800				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6230	0.04000	1.6512	0.02877	0.03767	3			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.6500	0.02000	1.6512	0.02877	0.03767	3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.6805	0.05300	1.6512	0.02877	0.03767	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.99	Leucine, Miscellaneous (%)	0904	1.6050	0.03000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.92500	0.05000	0.98113	0.03560	0.01705	15	-1.58	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.94700	0.00200	0.98113	0.03560	0.01705	15	-0.96	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.95500	0.03000	0.98113	0.03560	0.01705	15	-0.73	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.96250	0.00700	0.98113	0.03560	0.01705	15	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.96455	0.01370	0.98113	0.03560	0.01705	15	-0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.96600	0.00600	0.98113	0.03560	0.01705	15	-0.42	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.97400	0.00400	0.98113	0.03560	0.01705	15	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.97450	0.02500	0.98113	0.03560	0.01705	15	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.97600	0.00200	0.98113	0.03560	0.01705	15	-0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.98325	0.02510	0.98113	0.03560	0.01705	15	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.98650	0.02100	0.98113	0.03560	0.01705	15	0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.0108	0.00000	0.98113	0.03560	0.01705	15	0.83	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.0200	0.02000	0.98113	0.03560	0.01705	15	1.09	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.0350	0.01000	0.98113	0.03560	0.01705	15	1.51	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.0500	0.04000	0.98113	0.03560	0.01705	15	1.93	4%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.91550	0.04500				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0050	0.02200				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.98000	0.00000	1.0027	0.01994	0.02467	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.0105	0.04900	1.0027	0.01994	0.02467	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.0175	0.02500	1.0027	0.01994	0.02467	3			0
130.99	L-Lysine, Miscellaneous (%)	0904	1.0700	0.04000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.30000	0.00000	0.31687	0.01353	0.00507	15	-1.25	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.30500	0.00400	0.31687	0.01353	0.00507	15	-0.88	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.30580	0.00000	0.31687	0.01353	0.00507	15	-0.82	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.30900	0.00000	0.31687	0.01353	0.00507	15	-0.58	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.31000	0.00000	0.31687	0.01353	0.00507	15	-0.51	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.31000	0.00000	0.31687	0.01353	0.00507	15	-0.51	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.31170	0.00180	0.31687	0.01353	0.00507	15	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.31350	0.01500	0.31687	0.01353	0.00507	15	-0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.31400	0.00000	0.31687	0.01353	0.00507	15	-0.21	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.31450	0.00700	0.31687	0.01353	0.00507	15	-0.18	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.32500	0.01000	0.31687	0.01353	0.00507	15	0.60	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.33000	0.02000	0.31687	0.01353	0.00507	15	0.97	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.33050	0.00700	0.31687	0.01353	0.00507	15	1.01	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.33690	0.00820	0.31687	0.01353	0.00507	15	1.48	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.36950	0.00300	0.31687	0.01353	0.00507	15	3.89	8%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.34495	0.02190				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.30650	0.00100				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.26750	0.03300	0.28983	0.03486	0.01900	3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.27200	0.02400	0.28983	0.03486	0.01900	3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.33000	0.00000	0.28983	0.03486	0.01900	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
131.99	Methionine, Miscellaneous (%)	0904	0.23500	0.03000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.85750	0.01080	0.92821	0.02197	0.01106	14	-3.22	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.90000	0.02000	0.92821	0.02197	0.01106	14	-1.28	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.90000	0.02000	0.92821	0.02197	0.01106	14	-1.28	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.91850	0.01300	0.92821	0.02197	0.01106	14	-0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.92000	0.00000	0.92821	0.02197	0.01106	14	-0.37	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.92600	0.00600	0.92821	0.02197	0.01106	14	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.93500	0.03000	0.92821	0.02197	0.01106	14	0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.93650	0.00000	0.92821	0.02197	0.01106	14	0.38	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.93750	0.00300	0.92821	0.02197	0.01106	14	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.93850	0.00500	0.92821	0.02197	0.01106	14	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.93850	0.02700	0.92821	0.02197	0.01106	14	0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.93950	0.00900	0.92821	0.02197	0.01106	14	0.51	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.94850	0.00100	0.92821	0.02197	0.01106	14	0.92	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.0250	0.01000	0.92821	0.02197	0.01106	14	4.41	5%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.91800	0.01000				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.93800	0.03200				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.93200	0.02200	0.94267	0.01595	0.02200	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.93500	0.01000	0.94267	0.01595	0.02200	3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.96100	0.03400	0.94267	0.01595	0.02200	3			0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.97500	0.05000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0950	0.07000	1.1875	0.04579	0.01481	13	-2.02	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.1350	0.00200	1.1875	0.04579	0.01481	13	-1.15	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1550	0.01000	1.1875	0.04579	0.01481	13	-0.71	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1650	0.01000	1.1875	0.04579	0.01481	13	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.1773	0.00000	1.1875	0.04579	0.01481	13	-0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1785	0.00100	1.1875	0.04579	0.01481	13	-0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1872	0.00550	1.1875	0.04579	0.01481	13	-0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1985	0.00100	1.1875	0.04579	0.01481	13	0.24	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.1985	0.01700	1.1875	0.04579	0.01481	13	0.24	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.2020	0.00400	1.1875	0.04579	0.01481	13	0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.2090	0.03800	1.1875	0.04579	0.01481	13	0.47	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.3080	0.01400	1.1875	0.04579	0.01481	13	2.63	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.5500	0.02000	1.1875	0.04579	0.01481	13	7.92	15%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1450	0.11000	1.1875	0.04579	0.01481	13	-0.93	2%	1
133.05	Proline, Pre-col AQC Der (%)	0626	1.2010	0.02400	1.2205	0.01975	0.01700	3			0
133.05	Proline, Pre-col AQC Der (%)	0610	1.2200	0.00000	1.2205	0.01975	0.01700	3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.2405	0.02700	1.2205	0.01975	0.01700	3			0
133.99	Proline, Miscellaneous (%)	0904	1.1500	0.08000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.78655	0.03650	0.93505	0.05224	0.01696	14	-2.84	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.81500	0.03000	0.93505	0.05224	0.01696	14	-2.30	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.88850	0.00300	0.93505	0.05224	0.01696	14	-0.89	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.91500	0.05000	0.93505	0.05224	0.01696	14	-0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.92950	0.00900	0.93505	0.05224	0.01696	14	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.93500	0.01000	0.93505	0.05224	0.01696	14	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.93800	0.01800	0.93505	0.05224	0.01696	14	0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.93950	0.00300	0.93505	0.05224	0.01696	14	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.94200	0.00000	0.93505	0.05224	0.01696	14	0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.94400	0.01200	0.93505	0.05224	0.01696	14	0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.95000	0.02000	0.93505	0.05224	0.01696	14	0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.96900	0.02800	0.93505	0.05224	0.01696	14	0.65	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.0220	0.01800	0.93505	0.05224	0.01696	14	1.66	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.0234	0.00000	0.93505	0.05224	0.01696	14	1.69	5%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.93000	0.01000				1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.84450	0.05100				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.91000	0.02000	0.96450	0.05745	0.03833	3			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.95900	0.03000	0.96450	0.05745	0.03833	3			0
134.05	Serine, Pre-col AQC Der (%)	0626	1.0245	0.06500	0.96450	0.05745	0.03833	3			0
134.99	Serine, Miscellaneous (%)	0904	0.96500	0.03000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.70000	0.02000	0.73599	0.02196	0.01079	14	-1.64	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.71550	0.01200	0.73599	0.02196	0.01079	14	-0.93	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.71650	0.00100	0.73599	0.02196	0.01079	14	-0.89	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.72500	0.03000	0.73599	0.02196	0.01079	14	-0.50	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.72600	0.00000	0.73599	0.02196	0.01079	14	-0.46	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.73350	0.00700	0.73599	0.02196	0.01079	14	-0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.73400	0.00800	0.73599	0.02196	0.01079	14	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.73500	0.01000	0.73599	0.02196	0.01079	14	-0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.73600	0.00800	0.73599	0.02196	0.01079	14	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.74000	0.02000	0.73599	0.02196	0.01079	14	0.18	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.74250	0.00500	0.73599	0.02196	0.01079	14	0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.75900	0.02200	0.73599	0.02196	0.01079	14	1.05	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.77200	0.00000	0.73599	0.02196	0.01079	14	1.64	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.80600	0.00800	0.73599	0.02196	0.01079	14	3.19	5%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.76650	0.02500				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.72700	0.02800				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.71550	0.01100	0.73400	0.01635	0.01000	3			0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.74000	0.00000	0.73400	0.01635	0.01000	3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.74650	0.01900	0.73400	0.01635	0.01000	3			0
135.99	Threonine, Miscellaneous (%)	0904	0.81000	0.02000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.17940	0.00000	0.23349	0.04315	0.01174	5	-1.25	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.19405	0.02670	0.23349	0.04315	0.01174	5	-0.91	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.26000	0.00000	0.23349	0.04315	0.01174	5	0.61	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.26400	0.02200	0.23349	0.04315	0.01174	5	0.71	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.27000	0.01000	0.23349	0.04315	0.01174	5	0.85	8%	0

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136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.22100	0.00000	0.23400	0.01838	0.00100	3		0	
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.23250	0.00300	0.23400	0.01838	0.00100	3		0	
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.24700	0.00000	0.23400	0.01838	0.00100	3		0	
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.23350	0.00100				1		0	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.22650	0.00300	0.23300	0.00498	0.00350	4	-1.30	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.23200	0.00400	0.23300	0.00498	0.00350	4	-0.20	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.23550	0.00500	0.23300	0.00498	0.00350	4	0.50	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.23800	0.00200	0.23300	0.00498	0.00350	4	1.00	1%	0
136.05	Tryptophan, Pre-col AQC Der (%)	0610	0.04000	0.00000				1		0	
136.99	Tryptophan, Miscellaneous (%)	0904	0.16000	0.00000				2		0	
136.99	Tryptophan, Miscellaneous (%)	0504	0.22500	0.01000				2		0	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.42000	0.00000	0.61234	0.08028	0.00934	9	-2.40	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.51000	0.02000	0.61234	0.08028	0.00934	9	-1.27	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.59500	0.01000	0.61234	0.08028	0.00934	9	-0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.60000	0.02000	0.61234	0.08028	0.00934	9	-0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.63100	0.00200	0.61234	0.08028	0.00934	9	0.23	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.65000	0.00400	0.61234	0.08028	0.00934	9	0.47	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.67115	0.00410	0.61234	0.08028	0.00934	9	0.73	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.67850	0.02100	0.61234	0.08028	0.00934	9	0.82	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.68350	0.00300	0.61234	0.08028	0.00934	9	0.89	6%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.67550	0.00100				1		0	
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.68300	0.01200				1		0	
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.59650	0.02300	0.63700	0.03909	0.01933	3		0	
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.64000	0.00000	0.63700	0.03909	0.01933	3		0	
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.67450	0.03500	0.63700	0.03909	0.01933	3		0	
137.99	Tyrosine, Miscellaneous (%)	0904	0.77500	0.05000				1		0	
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.79250	0.03500	0.91580	0.03593	0.01249	14	-3.43	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.87300	0.02200	0.91580	0.03593	0.01249	14	-1.19	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.87500	0.01000	0.91580	0.03593	0.01249	14	-1.14	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.89050	0.00000	0.91580	0.03593	0.01249	14	-0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.90900	0.01000	0.91580	0.03593	0.01249	14	-0.19	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.91000	0.04000	0.91580	0.03593	0.01249	14	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.91400	0.00600	0.91580	0.03593	0.01249	14	-0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.92235	0.01090	0.91580	0.03593	0.01249	14	0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.92700	0.00000	0.91580	0.03593	0.01249	14	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.93100	0.02400	0.91580	0.03593	0.01249	14	0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.94100	0.00000	0.91580	0.03593	0.01249	14	0.70	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.91580	0.03593	0.01249	14	0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.96000	0.00000	0.91580	0.03593	0.01249	14	1.23	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.96150	0.00700	0.91580	0.03593	0.01249	14	1.27	2%	0
138.01	Valine, Pre-col OPA Der (%)	0297	1.0030	0.00000				1		0	
138.02	Valine, Post-col OPA Der (%)	0098	0.95750	0.00500				1		0	



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.05	Valine, Pre-col AQC Der (%)	0610	0.93000	0.00000	0.97833	0.04661	0.02200	3			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.98200	0.04000	0.97833	0.04661	0.02200	3			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.0230	0.02600	0.97833	0.04661	0.02200	3			0
138.99	Valine, Miscellaneous (%)	0904	1.0500	0.08000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.16000	0.02000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
139.99	Taurine, Miscellaneous (%)	0904	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.16350	0.00300	0.41123	0.26375	0.04683	6	-0.94	30%	0
160.99	Fructose, Miscellaneous (%)	0904	0.23000	0.02000	0.41123	0.26375	0.04683	6	-0.69	22%	0
160.99	Fructose, Miscellaneous (%)	0227	0.31000	0.04000	0.41123	0.26375	0.04683	6	-0.38	12%	0
160.99	Fructose, Miscellaneous (%)	2004	0.46350	0.15900	0.41123	0.26375	0.04683	6	0.20	6%	0
160.99	Fructose, Miscellaneous (%)	0297	0.49350	0.00900	0.41123	0.26375	0.04683	6	0.31	10%	0
160.99	Fructose, Miscellaneous (%)	0889	2.9950	0.05000	0.41123	0.26375	0.04683	6	9.80	314%	0
161.99	Galactose, Miscellaneous (%)	2004	0.08220	0.00880				1			0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	0297	0.47150	0.01700	0.63450	0.21375	0.02540	5	-0.76	13%	0
162.99	Glucose, Miscellaneous (%)	0904	0.49000	0.06000	0.63450	0.21375	0.02540	5	-0.68	11%	0
162.99	Glucose, Miscellaneous (%)	0619	0.60100	0.03000	0.63450	0.21375	0.02540	5	-0.16	3%	0
162.99	Glucose, Miscellaneous (%)	0889	0.61000	0.02000	0.63450	0.21375	0.02540	5	-0.11	2%	0
162.99	Glucose, Miscellaneous (%)	0629	1.0000	0.00000	0.63450	0.21375	0.02540	5	1.71	29%	0
162.99	Glucose, Miscellaneous (%)	2004	1.1630	0.73400	0.63450	0.21375	0.02540	5	2.47	42%	1
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0227	0.65500	0.17000	0.79475	0.15029	0.14200	4	-0.93	9%	0
164.99	Maltose, Miscellaneous (%)	0297	0.71750	0.01100	0.79475	0.15029	0.14200	4	-0.51	5%	0
164.99	Maltose, Miscellaneous (%)	2004	0.80650	0.38700	0.79475	0.15029	0.14200	4	0.08	1%	0
164.99	Maltose, Miscellaneous (%)	0629	1.0000	0.00000	0.79475	0.15029	0.14200	4	1.37	13%	0
165.99	Sucrose, Miscellaneous (%)	0889	0.30500	0.07000	2.6341	0.69446	0.11600	7	-3.35	44%	0
165.99	Sucrose, Miscellaneous (%)	0629	2.4000	0.00000	2.6341	0.69446	0.11600	7	-0.34	4%	0
165.99	Sucrose, Miscellaneous (%)	0619	2.4700	0.10000	2.6341	0.69446	0.11600	7	-0.24	3%	0
165.99	Sucrose, Miscellaneous (%)	2004	2.4800	0.36000	2.6341	0.69446	0.11600	7	-0.22	3%	0
165.99	Sucrose, Miscellaneous (%)	0904	2.8800	0.10000	2.6341	0.69446	0.11600	7	0.35	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.0950	0.15000	2.6341	0.69446	0.11600	7	0.66	9%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.5210	0.03200	2.6341	0.69446	0.11600	7	1.28	17%	0
166.99	Raffinose, Miscellaneous (%)	0619	0.41850	0.01700	0.54183	0.19530	0.02700	3			0
166.99	Raffinose, Miscellaneous (%)	0904	0.44000	0.06000	0.54183	0.19530	0.02700	3			0
166.99	Raffinose, Miscellaneous (%)	0297	0.76700	0.00400	0.54183	0.19530	0.02700	3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.1400	0.01000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	1.4350	0.05000				2			0
373.00	Oxytetracycline, residual, Plate (µg / kg (ppb))	0511	162.50	13.000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.39950	0.00900	0.43839	0.05393	0.00488	4	-0.72	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.41000	0.00000	0.43839	0.05393	0.00488	4	-0.53	3%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.42650	0.00500	0.43839	0.05393	0.00488	4	-0.22	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.51755	0.00550	0.43839	0.05393	0.00488	4	1.47	9%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.41350	0.00500				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.41650	0.00900				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0939	0.10000	0.00000				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.11450	0.00300				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.19000	0.02000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.13315	0.00130	0.17755	0.06327	0.00283	4	-0.70	13%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.14950	0.00100	0.17755	0.06327	0.00283	4	-0.44	8%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.15450	0.00900	0.17755	0.06327	0.00283	4	-0.36	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0638	0.25000	0.00000	0.17755	0.06327	0.00283	4	1.15	20%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.04750	0.01300	0.07033	0.02004	0.00933	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.07850	0.00500	0.07033	0.02004	0.00933	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.08500	0.01000	0.07033	0.02004	0.00933	3			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0227	0.06300	0.00400				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0508	1.4100	0.02680				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.07340	0.00180				1			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.06700	0.00200	0.07242	0.00550	0.00277	3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.07225	0.00230	0.07242	0.00550	0.00277	3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0638	0.07800	0.00400	0.07242	0.00550	0.00277	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	2.4900	0.36000	2.9979	0.56096	0.29483	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	2.9038	0.32450	2.9979	0.56096	0.29483	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.6000	0.20000	2.9979	0.56096	0.29483	3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	4.2600	0.02000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0508	4.7478	0.06760				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.0150	0.09000				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.2000	0.20000				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.0622	0.69180				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0638	4.3275	0.02700				2			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0939	0.10000	0.00000				2			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	1.1500	0.30000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.07500	0.01000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.10750	0.10900				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.12500	0.01000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.17150	0.01900				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.09150	0.00300	0.10092	0.00827	0.03868	4	-1.14	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.10425	0.00270	0.10092	0.00827	0.03868	4	0.40	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.10700	0.02600	0.10092	0.00827	0.03868	4	0.74	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0638	0.22750	0.12300	0.10092	0.00827	0.03868	4	15.31	63%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.9925	0.04100				2			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.0500	0.10000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0508	3.6388	0.08610				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.9000	0.00000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.3563	0.07980				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0638	3.4715	0.13900				2		0	

Notes: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or -2 and -3 (warning) and Green = Z < 2 and >-2 (OK at 95%). Flags indicate data usage: 0 = Used, 1 = Rejected for duplicates too far apart, 2 = Rejected as outlier, 8 = Analyst data exempt and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in this case the Z Scores may be included for information only (Grey, No Action!). Flag 9 indicates no statistics calculated for this dataset. To review the problem please see all submitted data for this test.