



## Method Proficiency Testing Report Regular Program

Sample # 201532  
Fish Food

# Labs Reporting: 201  
Issue Date : 01/31/2016

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	0.20000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.3869	0.00060	8.5462	0.15463	0.05677	6	-1.03	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.4300	0.02000	8.5462	0.15463	0.05677	6	-0.75	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.4650	0.11000	8.5462	0.15463	0.05677	6	-0.52	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	8.6100	0.04000	8.5462	0.15463	0.05677	6	0.41	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.6750	0.13000	8.5462	0.15463	0.05677	6	0.83	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.7100	0.04000	8.5462	0.15463	0.05677	6	1.06	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.8250	0.41000	8.5462	0.15463	0.05677	6	-11.13	10%	1
001.03	Loss on Drying, Low temp. methods (%)	0937	8.4450	0.01000	8.6731	0.14429	0.00750	8	-1.58	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.5800	0.00000	8.6731	0.14429	0.00750	8	-0.65	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	8.5850	0.01000	8.6731	0.14429	0.00750	8	-0.61	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	8.6050	0.01000	8.6731	0.14429	0.00750	8	-0.47	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	8.7550	0.01000	8.6731	0.14429	0.00750	8	0.57	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	8.7650	0.01000	8.6731	0.14429	0.00750	8	0.64	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	8.7650	0.01000	8.6731	0.14429	0.00750	8	0.64	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.8500	0.00000	8.6731	0.14429	0.00750	8	1.23	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.3000	0.02000			0.02000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.9700	0.10000	8.6039	0.22572	0.08972	36	-2.81	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.0400	0.28000	8.6039	0.22572	0.08972	36	-2.50	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.0500	0.10000	8.6039	0.22572	0.08972	36	-2.45	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.1850	0.13000	8.6039	0.22572	0.08972	36	-1.86	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.2400	0.00000	8.6039	0.22572	0.08972	36	-1.61	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.3500	0.18000	8.6039	0.22572	0.08972	36	-1.13	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.4150	0.05000	8.6039	0.22572	0.08972	36	-0.84	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.4391	0.05400	8.6039	0.22572	0.08972	36	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.4465	0.29300	8.6039	0.22572	0.08972	36	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.4750	0.05000	8.6039	0.22572	0.08972	36	-0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.5000	0.40000	8.6039	0.22572	0.08972	36	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.5350	0.17000	8.6039	0.22572	0.08972	36	-0.31	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.5700	0.06000	8.6039	0.22572	0.08972	36	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.5750	0.17000	8.6039	0.22572	0.08972	36	-0.13	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			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.5800	0.08000	8.6039	0.22572	0.08972	36	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.5800	0.14000	8.6039	0.22572	0.08972	36	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.6050	0.01000	8.6039	0.22572	0.08972	36	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.6100	0.00000	8.6039	0.22572	0.08972	36	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	8.6175	0.04500	8.6039	0.22572	0.08972	36	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.6304	0.00580	8.6039	0.22572	0.08972	36	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.6350	0.03000	8.6039	0.22572	0.08972	36	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.6350	0.09000	8.6039	0.22572	0.08972	36	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.6600	0.02000	8.6039	0.22572	0.08972	36	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.6650	0.01000	8.6039	0.22572	0.08972	36	0.27	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.7000	0.20000	8.6039	0.22572	0.08972	36	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.7150	0.19000	8.6039	0.22572	0.08972	36	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.7500	0.00000	8.6039	0.22572	0.08972	36	0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.7950	0.01000	8.6039	0.22572	0.08972	36	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.8000	0.02000	8.6039	0.22572	0.08972	36	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.8000	0.00000	8.6039	0.22572	0.08972	36	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	8.8050	0.05000	8.6039	0.22572	0.08972	36	0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.8090	0.04200	8.6039	0.22572	0.08972	36	0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.8500	0.10000	8.6039	0.22572	0.08972	36	1.09	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.0400	0.02000	8.6039	0.22572	0.08972	36	1.93	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.1100	0.12000	8.6039	0.22572	0.08972	36	2.24	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.4750	0.01000	8.6039	0.22572	0.08972	36	3.86	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.8700	1.4000	8.6039	0.22572	0.08972	36	1.18	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	3.0800	0.12000	8.6039	0.22572	0.08972	36	-24.47	32%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.6500	0.06000			0.05500	2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.7150	0.05000			0.05500	2			0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.0100	0.06000	8.3067	0.43241	0.10901	19	-3.00	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.0150	0.09000	8.3067	0.43241	0.10901	19	-2.99	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.7200	0.08000	8.3067	0.43241	0.10901	19	-1.36	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.9450	0.01000	8.3067	0.43241	0.10901	19	-0.84	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.1300	0.10000	8.3067	0.43241	0.10901	19	-0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.1650	0.05000	8.3067	0.43241	0.10901	19	-0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.1900	0.24000	8.3067	0.43241	0.10901	19	-0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.2000	0.02000	8.3067	0.43241	0.10901	19	-0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.2150	0.03000	8.3067	0.43241	0.10901	19	-0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	8.2150	0.59000	8.3067	0.43241	0.10901	19	-0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.4000	0.00000	8.3067	0.43241	0.10901	19	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.4450	0.01000	8.3067	0.43241	0.10901	19	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.4800	0.12000	8.3067	0.43241	0.10901	19	0.40	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.5450	0.03000	8.3067	0.43241	0.10901	19	0.55	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	8.7156	0.15110	8.3067	0.43241	0.10901	19	0.95	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.7300	0.06000	8.3067	0.43241	0.10901	19	0.98	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	
001.99	Loss on Drying, Miscellaneous (%)	0629	8.7850	0.15000	8.3067	0.43241	0.10901	19	1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.8600	0.26000	8.3067	0.43241	0.10901	19	1.28	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0876	9.6500	0.02000	8.3067	0.43241	0.10901	19	3.11	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0555	13.300	1.0000	8.3067	0.43241	0.10901	19	11.55	30%	1
002.00	Protein, Crude (%)	0940	31.155	0.29000	31.946	0.75304	0.29750	4	-1.05	1%	0
002.00	Protein, Crude (%)	0169	31.570	0.50000	31.946	0.75304	0.29750	4	-0.50	1%	0
002.00	Protein, Crude (%)	0028	32.175	0.11000	31.946	0.75304	0.29750	4	0.30	0%	0
002.00	Protein, Crude (%)	0845	32.885	0.29000	31.946	0.75304	0.29750	4	1.25	1%	0
002.01	Protein, Auto Kjel-Foss (%)	2052	30.850	0.30000	31.559	0.13250	0.21405	13	-5.35	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	31.440	0.03300	31.559	0.13250	0.21405	13	-0.90	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	31.467	0.39200	31.559	0.13250	0.21405	13	-0.69	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	31.485	0.01000	31.559	0.13250	0.21405	13	-0.56	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	31.490	0.20000	31.559	0.13250	0.21405	13	-0.52	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	31.506	0.02700	31.559	0.13250	0.21405	13	-0.40	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	31.520	0.00000	31.559	0.13250	0.21405	13	-0.29	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	31.550	0.10000	31.559	0.13250	0.21405	13	-0.07	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	31.650	0.10000	31.559	0.13250	0.21405	13	0.69	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	31.720	0.52000	31.559	0.13250	0.21405	13	1.22	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	31.750	0.30000	31.559	0.13250	0.21405	13	1.44	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	31.790	0.60060	31.559	0.13250	0.21405	13	1.74	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	32.110	0.20000	31.559	0.13250	0.21405	13	4.16	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	30.500	1.6000	31.559	0.13250	0.21405	13	-7.99	2%	1
002.02	Protein, Semiauto Autoanalyzer (%)	0066	31.640	0.14000	32.025	0.39002	0.10497	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	32.015	0.13000	32.025	0.39002	0.10497	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	32.420	0.04490	32.025	0.39002	0.10497	3			0
002.04	Protein, Copper Catalyst (%)	0405	30.995	0.17000	31.516	0.43750	0.15750	4	-1.19	1%	0
002.04	Protein, Copper Catalyst (%)	0874	31.315	0.25000	31.516	0.43750	0.15750	4	-0.46	0%	0
002.04	Protein, Copper Catalyst (%)	0187	31.855	0.01000	31.516	0.43750	0.15750	4	0.77	1%	0
002.04	Protein, Copper Catalyst (%)	2057	31.900	0.20000	31.516	0.43750	0.15750	4	0.88	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	30.801	0.03980	31.603	0.30529	0.10771	32	-2.63	1%	0
002.05	Protein, Copper, Boric Acid (%)	2068	31.040	0.04000	31.603	0.30529	0.10771	32	-1.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0943	31.190	0.52000	31.603	0.30529	0.10771	32	-1.35	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	31.265	0.07000	31.603	0.30529	0.10771	32	-1.11	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	31.300	0.18000	31.603	0.30529	0.10771	32	-0.99	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	31.360	0.00000	31.603	0.30529	0.10771	32	-0.80	0%	0
002.05	Protein, Copper, Boric Acid (%)	2091	31.360	0.12000	31.603	0.30529	0.10771	32	-0.80	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	31.365	0.01000	31.603	0.30529	0.10771	32	-0.78	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	31.390	0.14000	31.603	0.30529	0.10771	32	-0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	31.420	0.76000	31.603	0.30529	0.10771	32	-0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	31.450	0.10000	31.603	0.30529	0.10771	32	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2106	31.485	0.03000	31.603	0.30529	0.10771	32	-0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0722	31.509	0.01260	31.603	0.30529	0.10771	32	-0.31	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	
002.05	Protein, Copper, Boric Acid (%)	2009	31.545	0.28320	31.603	0.30529	0.10771	32	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	31.550	0.30000	31.603	0.30529	0.10771	32	-0.17	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	31.560	0.04000	31.603	0.30529	0.10771	32	-0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	31.607	0.03670	31.603	0.30529	0.10771	32	0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	31.654	0.01100	31.603	0.30529	0.10771	32	0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	31.671	0.09900	31.603	0.30529	0.10771	32	0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	31.700	0.20000	31.603	0.30529	0.10771	32	0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	31.725	0.03000	31.603	0.30529	0.10771	32	0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	2086	31.735	0.01000	31.603	0.30529	0.10771	32	0.43	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	31.765	0.05000	31.603	0.30529	0.10771	32	0.53	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	31.800	0.00000	31.603	0.30529	0.10771	32	0.64	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	31.815	0.01000	31.603	0.30529	0.10771	32	0.69	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	31.839	0.07590	31.603	0.30529	0.10771	32	0.77	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	31.917	0.01840	31.603	0.30529	0.10771	32	1.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	31.935	0.01000	31.603	0.30529	0.10771	32	1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	0934	31.975	0.01000	31.603	0.30529	0.10771	32	1.22	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	32.005	0.09000	31.603	0.30529	0.10771	32	1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	32.065	0.01000	31.603	0.30529	0.10771	32	1.51	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	32.230	0.14000	31.603	0.30529	0.10771	32	2.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	0939	17.685	27.810	31.603	0.30529	0.10771	32	-45.59	22%	2
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	30.700	0.74000	32.096	0.27355	0.24145	129	-5.10	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	31.160	0.10000	32.096	0.27355	0.24145	129	-3.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	31.170	0.28000	32.096	0.27355	0.24145	129	-3.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	31.450	0.30000	32.096	0.27355	0.24145	129	-2.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	31.470	0.98000	32.096	0.27355	0.24145	129	-2.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	31.490	0.00000	32.096	0.27355	0.24145	129	-2.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	31.490	0.14000	32.096	0.27355	0.24145	129	-2.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	31.505	0.49000	32.096	0.27355	0.24145	129	-2.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	31.550	0.16000	32.096	0.27355	0.24145	129	-2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	31.550	0.30000	32.096	0.27355	0.24145	129	-2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	31.550	0.50000	32.096	0.27355	0.24145	129	-2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	31.585	0.03000	32.096	0.27355	0.24145	129	-1.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	31.612	0.94200	32.096	0.27355	0.24145	129	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	31.654	0.34100	32.096	0.27355	0.24145	129	-1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	31.674	0.60900	32.096	0.27355	0.24145	129	-1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	31.729	0.28120	32.096	0.27355	0.24145	129	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	31.745	0.73000	32.096	0.27355	0.24145	129	-1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	31.750	0.50000	32.096	0.27355	0.24145	129	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	31.790	0.22000	32.096	0.27355	0.24145	129	-1.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	31.790	0.38000	32.096	0.27355	0.24145	129	-1.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	31.795	0.21000	32.096	0.27355	0.24145	129	-1.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	31.800	0.40000	32.096	0.27355	0.24145	129	-1.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	31.810	0.80000	32.096	0.27355	0.24145	129	-1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	31.810	0.42000	32.096	0.27355	0.24145	129	-1.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	31.865	0.67000	32.096	0.27355	0.24145	129	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	31.882	0.02900	32.096	0.27355	0.24145	129	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	31.895	0.03000	32.096	0.27355	0.24145	129	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	31.900	0.40000	32.096	0.27355	0.24145	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	31.900	0.20000	32.096	0.27355	0.24145	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	31.900	0.02000	32.096	0.27355	0.24145	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	31.900	0.18000	32.096	0.27355	0.24145	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	31.900	0.60000	32.096	0.27355	0.24145	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	31.915	0.11000	32.096	0.27355	0.24145	129	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	31.915	0.23000	32.096	0.27355	0.24145	129	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	31.945	0.29000	32.096	0.27355	0.24145	129	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	31.950	0.10000	32.096	0.27355	0.24145	129	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	31.950	0.10000	32.096	0.27355	0.24145	129	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	31.953	0.22500	32.096	0.27355	0.24145	129	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	31.975	0.29000	32.096	0.27355	0.24145	129	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	31.980	0.32000	32.096	0.27355	0.24145	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	31.985	0.09000	32.096	0.27355	0.24145	129	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	31.985	0.29000	32.096	0.27355	0.24145	129	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	31.987	0.26500	32.096	0.27355	0.24145	129	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	32.000	0.00000	32.096	0.27355	0.24145	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	32.000	0.20000	32.096	0.27355	0.24145	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	32.000	0.40000	32.096	0.27355	0.24145	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	32.005	0.09000	32.096	0.27355	0.24145	129	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	32.010	0.04000	32.096	0.27355	0.24145	129	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	32.010	0.02000	32.096	0.27355	0.24145	129	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	32.010	0.24000	32.096	0.27355	0.24145	129	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	32.045	0.07000	32.096	0.27355	0.24145	129	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	32.050	0.02000	32.096	0.27355	0.24145	129	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	32.050	0.10000	32.096	0.27355	0.24145	129	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	32.050	0.10000	32.096	0.27355	0.24145	129	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	32.060	0.30000	32.096	0.27355	0.24145	129	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	32.066	0.28700	32.096	0.27355	0.24145	129	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	32.069	0.11700	32.096	0.27355	0.24145	129	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	32.070	0.08000	32.096	0.27355	0.24145	129	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	32.075	0.21000	32.096	0.27355	0.24145	129	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	32.080	0.04000	32.096	0.27355	0.24145	129	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	32.080	0.16000	32.096	0.27355	0.24145	129	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	32.080	0.14000	32.096	0.27355	0.24145	129	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	32.095	0.23000	32.096	0.27355	0.24145	129	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	32.100	0.40000	32.096	0.27355	0.24145	129	0.01	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 (%)	0010	32.100	0.00000	32.096	0.27355	0.24145	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	32.100	0.00000	32.096	0.27355	0.24145	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	32.100	0.00000	32.096	0.27355	0.24145	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	32.100	0.20000	32.096	0.27355	0.24145	129	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	32.105	0.09000	32.096	0.27355	0.24145	129	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	32.110	0.04000	32.096	0.27355	0.24145	129	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	32.120	0.00000	32.096	0.27355	0.24145	129	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	32.120	0.06000	32.096	0.27355	0.24145	129	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0013	32.125	0.63000	32.096	0.27355	0.24145	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	32.145	0.29000	32.096	0.27355	0.24145	129	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	32.160	0.04000	32.096	0.27355	0.24145	129	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	32.160	0.06000	32.096	0.27355	0.24145	129	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	32.165	0.35000	32.096	0.27355	0.24145	129	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	32.167	0.09800	32.096	0.27355	0.24145	129	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	32.170	0.04000	32.096	0.27355	0.24145	129	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	32.170	0.02000	32.096	0.27355	0.24145	129	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	32.180	0.06000	32.096	0.27355	0.24145	129	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	32.185	0.21000	32.096	0.27355	0.24145	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	32.200	0.60000	32.096	0.27355	0.24145	129	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	32.200	0.20000	32.096	0.27355	0.24145	129	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	32.208	0.03700	32.096	0.27355	0.24145	129	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	32.215	0.03000	32.096	0.27355	0.24145	129	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	32.215	0.23000	32.096	0.27355	0.24145	129	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	32.215	0.25000	32.096	0.27355	0.24145	129	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	32.215	0.39000	32.096	0.27355	0.24145	129	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	32.225	0.15700	32.096	0.27355	0.24145	129	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	32.235	0.03000	32.096	0.27355	0.24145	129	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	32.235	0.33000	32.096	0.27355	0.24145	129	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	32.241	0.05800	32.096	0.27355	0.24145	129	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	32.245	0.15000	32.096	0.27355	0.24145	129	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	32.250	0.42000	32.096	0.27355	0.24145	129	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	32.250	0.70000	32.096	0.27355	0.24145	129	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	32.260	0.08000	32.096	0.27355	0.24145	129	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	32.270	0.02000	32.096	0.27355	0.24145	129	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	32.275	0.11000	32.096	0.27355	0.24145	129	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	32.280	0.16000	32.096	0.27355	0.24145	129	0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	32.300	0.00000	32.096	0.27355	0.24145	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	32.300	0.02000	32.096	0.27355	0.24145	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	32.300	0.20000	32.096	0.27355	0.24145	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	32.305	0.37000	32.096	0.27355	0.24145	129	0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	32.310	0.30000	32.096	0.27355	0.24145	129	0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	32.340	0.08000	32.096	0.27355	0.24145	129	0.89	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 (%)	0650	32.360	0.02000	32.096	0.27355	0.24145	129	0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	32.385	0.17000	32.096	0.27355	0.24145	129	1.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	32.405	0.55000	32.096	0.27355	0.24145	129	1.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	32.405	0.79000	32.096	0.27355	0.24145	129	1.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	32.420	0.62000	32.096	0.27355	0.24145	129	1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	32.425	0.35000	32.096	0.27355	0.24145	129	1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	32.430	0.16000	32.096	0.27355	0.24145	129	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	32.430	0.12000	32.096	0.27355	0.24145	129	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	32.440	0.14000	32.096	0.27355	0.24145	129	1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	32.450	0.50000	32.096	0.27355	0.24145	129	1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	32.468	0.03000	32.096	0.27355	0.24145	129	1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	32.482	0.20400	32.096	0.27355	0.24145	129	1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	32.503	0.08500	32.096	0.27355	0.24145	129	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	32.510	0.36000	32.096	0.27355	0.24145	129	1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	32.525	0.55000	32.096	0.27355	0.24145	129	1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2003	32.555	0.21200	32.096	0.27355	0.24145	129	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	32.560	0.08000	32.096	0.27355	0.24145	129	1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	32.650	0.10000	32.096	0.27355	0.24145	129	2.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	32.680	0.14000	32.096	0.27355	0.24145	129	2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	32.710	0.46000	32.096	0.27355	0.24145	129	2.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	32.720	0.02000	32.096	0.27355	0.24145	129	2.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	32.725	0.31000	32.096	0.27355	0.24145	129	2.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	33.015	0.53000	32.096	0.27355	0.24145	129	3.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0961	32.825	1.1300	32.096	0.27355	0.24145	129	2.66	1%	1
002.08	Protein, Cu/Ti (%)	0563	31.056	0.88880			0.49440	2			0
002.08	Protein, Cu/Ti (%)	0208	31.750	0.10000			0.49440	2			0
002.10	Protein, Block dig/distillation (%)	0629	31.445	0.09000			0.09000	1			0
002.11	Protein, NIR (%)	0852	31.900	0.00000	33.427	0.75641	0.12857	7	-2.02	2%	0
002.11	Protein, NIR (%)	0889	32.285	0.35000	33.427	0.75641	0.12857	7	-1.51	2%	0
002.11	Protein, NIR (%)	2036	33.115	0.31000	33.427	0.75641	0.12857	7	-0.41	0%	0
002.11	Protein, NIR (%)	0553	33.510	0.18000	33.427	0.75641	0.12857	7	0.11	0%	0
002.11	Protein, NIR (%)	0720	33.815	0.01000	33.427	0.75641	0.12857	7	0.51	1%	0
002.11	Protein, NIR (%)	0297	33.900	0.04000	33.427	0.75641	0.12857	7	0.62	1%	0
002.11	Protein, NIR (%)	0613	45.535	0.01000	33.427	0.75641	0.12857	7	16.01	18%	0
002.99	Protein, Miscellaneous (%)	2105	31.680	0.22000			0.22000	1			0
003.00	Fat, Eth Ext., Direct (%)	0885	3.5744	0.15820	3.9045	0.20692	0.13963	8	-1.60	4%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.5850	0.19000	3.9045	0.20692	0.13963	8	-1.54	4%	0
003.00	Fat, Eth Ext., Direct (%)	0026	3.8250	0.03000	3.9045	0.20692	0.13963	8	-0.38	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.8850	0.23000	3.9045	0.20692	0.13963	8	-0.09	0%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.9645	0.17880	3.9045	0.20692	0.13963	8	0.29	1%	0
003.00	Fat, Eth Ext., Direct (%)	0354	4.0000	0.06000	3.9045	0.20692	0.13963	8	0.46	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	4.0600	0.12000	3.9045	0.20692	0.13963	8	0.75	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.00	Fat, Eth Ext., Direct (%)	0345	4.1750	0.15000	3.9045	0.20692	0.13963	8	1.31	3%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.7026	0.10020			0.10020	1			0
003.06	Fat, Pet Ether (%)	0083	3.4700	0.14000	3.7349	0.14222	0.06547	19	-1.86	4%	0
003.06	Fat, Pet Ether (%)	2086	3.5400	0.04000	3.7349	0.14222	0.06547	19	-1.37	3%	0
003.06	Fat, Pet Ether (%)	0300	3.5747	0.20900	3.7349	0.14222	0.06547	19	-1.13	2%	0
003.06	Fat, Pet Ether (%)	0918	3.5800	0.06000	3.7349	0.14222	0.06547	19	-1.09	2%	0
003.06	Fat, Pet Ether (%)	0148	3.6400	0.02000	3.7349	0.14222	0.06547	19	-0.67	1%	0
003.06	Fat, Pet Ether (%)	0511	3.6500	0.14000	3.7349	0.14222	0.06547	19	-0.60	1%	0
003.06	Fat, Pet Ether (%)	0297	3.7100	0.00000	3.7349	0.14222	0.06547	19	-0.18	0%	0
003.06	Fat, Pet Ether (%)	0552	3.7150	0.01000	3.7349	0.14222	0.06547	19	-0.14	0%	0
003.06	Fat, Pet Ether (%)	2091	3.7250	0.03000	3.7349	0.14222	0.06547	19	-0.07	0%	0
003.06	Fat, Pet Ether (%)	0687	3.7500	0.10000	3.7349	0.14222	0.06547	19	0.11	0%	0
003.06	Fat, Pet Ether (%)	0169	3.7600	0.06000	3.7349	0.14222	0.06547	19	0.18	0%	0
003.06	Fat, Pet Ether (%)	0910	3.7650	0.09000	3.7349	0.14222	0.06547	19	0.21	0%	0
003.06	Fat, Pet Ether (%)	0164	3.8000	0.28000	3.7349	0.14222	0.06547	19	0.46	1%	0
003.06	Fat, Pet Ether (%)	0689	3.8000	0.00000	3.7349	0.14222	0.06547	19	0.46	1%	0
003.06	Fat, Pet Ether (%)	0425	3.8050	0.01000	3.7349	0.14222	0.06547	19	0.49	1%	0
003.06	Fat, Pet Ether (%)	0294	3.8650	0.01000	3.7349	0.14222	0.06547	19	0.91	2%	0
003.06	Fat, Pet Ether (%)	0849	3.8875	0.00500	3.7349	0.14222	0.06547	19	1.07	2%	0
003.06	Fat, Pet Ether (%)	0852	3.9200	0.04000	3.7349	0.14222	0.06547	19	1.30	2%	0
003.06	Fat, Pet Ether (%)	0682	4.0400	0.00000	3.7349	0.14222	0.06547	19	2.15	4%	0
003.06	Fat, Pet Ether (%)	0074	4.5150	0.39000	3.7349	0.14222	0.06547	19	5.49	10%	1
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.0000	0.20000	3.6720	0.14151	0.08089	20	-4.75	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.5150	0.33000	3.6720	0.14151	0.08089	20	-1.11	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.5249	0.25660	3.6720	0.14151	0.08089	20	-1.04	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.5450	0.01000	3.6720	0.14151	0.08089	20	-0.90	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.5650	0.05000	3.6720	0.14151	0.08089	20	-0.76	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.5750	0.01000	3.6720	0.14151	0.08089	20	-0.69	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.6080	0.01000	3.6720	0.14151	0.08089	20	-0.45	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.6200	0.00000	3.6720	0.14151	0.08089	20	-0.37	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.6350	0.05000	3.6720	0.14151	0.08089	20	-0.26	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.6450	0.01000	3.6720	0.14151	0.08089	20	-0.19	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	3.6500	0.02000	3.6720	0.14151	0.08089	20	-0.16	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.7000	0.20000	3.6720	0.14151	0.08089	20	0.20	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.7150	0.03000	3.6720	0.14151	0.08089	20	0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.7200	0.00000	3.6720	0.14151	0.08089	20	0.34	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0512	3.7535	0.03900	3.6720	0.14151	0.08089	20	0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.7950	0.01000	3.6720	0.14151	0.08089	20	0.87	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	4.0000	0.06000	3.6720	0.14151	0.08089	20	2.32	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	4.3954	0.19220	3.6720	0.14151	0.08089	20	5.11	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.4600	0.12000	3.6720	0.14151	0.08089	20	5.57	11%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	5.0300	0.02000	3.6720	0.14151	0.08089	20	9.60	18%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0051	3.0500	0.30000	3.5329	0.27257	0.09076	30	-1.77	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.1500	0.10000	3.5329	0.27257	0.09076	30	-1.40	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.2500	0.48000	3.5329	0.27257	0.09076	30	-1.04	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.2550	0.15000	3.5329	0.27257	0.09076	30	-1.02	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.2900	0.02000	3.5329	0.27257	0.09076	30	-0.89	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.3050	0.15000	3.5329	0.27257	0.09076	30	-0.84	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.3200	0.02000	3.5329	0.27257	0.09076	30	-0.78	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.3350	0.01000	3.5329	0.27257	0.09076	30	-0.73	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.3460	0.07010	3.5329	0.27257	0.09076	30	-0.69	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.3700	0.04000	3.5329	0.27257	0.09076	30	-0.60	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.3850	0.21000	3.5329	0.27257	0.09076	30	-0.54	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	3.4253	0.00670	3.5329	0.27257	0.09076	30	-0.40	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.4400	0.06000	3.5329	0.27257	0.09076	30	-0.34	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.4950	0.03000	3.5329	0.27257	0.09076	30	-0.14	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.5000	0.04000	3.5329	0.27257	0.09076	30	-0.12	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.5418	0.03440	3.5329	0.27257	0.09076	30	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.5550	0.01000	3.5329	0.27257	0.09076	30	0.08	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.5600	0.02000	3.5329	0.27257	0.09076	30	0.10	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.5950	0.11000	3.5329	0.27257	0.09076	30	0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.6500	0.10000	3.5329	0.27257	0.09076	30	0.43	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	3.6710	0.01000	3.5329	0.27257	0.09076	30	0.51	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.6743	0.03670	3.5329	0.27257	0.09076	30	0.52	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	3.7100	0.46000	3.5329	0.27257	0.09076	30	0.65	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	3.7321	0.04200	3.5329	0.27257	0.09076	30	0.73	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.7550	0.01000	3.5329	0.27257	0.09076	30	0.81	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.8200	0.10000	3.5329	0.27257	0.09076	30	1.05	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.9200	0.02000	3.5329	0.27257	0.09076	30	1.42	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	4.0700	0.04000	3.5329	0.27257	0.09076	30	1.97	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	4.2500	0.02000	3.5329	0.27257	0.09076	30	2.63	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	4.5765	0.02300	3.5329	0.27257	0.09076	30	3.83	15%	0
003.10	Fat, Soxtec, Pet Ether (%)	0662	5.2500	0.50000	3.5329	0.27257	0.09076	30	6.30	24%	1
003.11	Fat, NIR (%)	0852	3.8600	0.08000	6.0270	2.0548	0.04200	5	-1.05	18%	0
003.11	Fat, NIR (%)	0297	4.7600	0.04000	6.0270	2.0548	0.04200	5	-0.62	11%	0
003.11	Fat, NIR (%)	0720	5.1150	0.01000	6.0270	2.0548	0.04200	5	-0.44	8%	0
003.11	Fat, NIR (%)	0613	7.8050	0.03000	6.0270	2.0548	0.04200	5	0.87	15%	0
003.11	Fat, NIR (%)	2036	8.5950	0.05000	6.0270	2.0548	0.04200	5	1.25	21%	0
003.11	Fat, NIR (%)	0889	5.0250	0.33000	6.0270	2.0548	0.04200	5	-0.49	8%	1
003.12	Fat, Hexane Ext (%)	0897	3.5600	0.02000	3.6537	0.08772	0.01667	6	-1.07	1%	0
003.12	Fat, Hexane Ext (%)	0903	3.6000	0.02000	3.6537	0.08772	0.01667	6	-0.61	1%	0
003.12	Fat, Hexane Ext (%)	0171	3.6250	0.01000	3.6537	0.08772	0.01667	6	-0.33	0%	0
003.12	Fat, Hexane Ext (%)	0895	3.6450	0.01000	3.6537	0.08772	0.01667	6	-0.10	0%	0
003.12	Fat, Hexane Ext (%)	0940	3.7350	0.03000	3.6537	0.08772	0.01667	6	0.93	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			
003.12	Fat, Hexane Ext (%)	0934	3.9050	0.01000	3.6537	0.08772	0.01667	6	2.86	3%	0
003.12	Fat, Hexane Ext (%)	0187	3.5900	0.14000	3.6537	0.08772	0.01667	6	-0.73	1%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.3450	0.09000	3.6949	0.25319	0.05800	7	-1.38	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.5800	0.02000	3.6949	0.25319	0.05800	7	-0.45	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.5900	0.08000	3.6949	0.25319	0.05800	7	-0.41	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.6440	0.02600	3.6949	0.25319	0.05800	7	-0.20	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.8250	0.03000	3.6949	0.25319	0.05800	7	0.51	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.8600	0.14000	3.6949	0.25319	0.05800	7	0.65	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	4.0200	0.02000	3.6949	0.25319	0.05800	7	1.28	4%	0
003.14	Fat, Ankom (%)	0034	1.2100	0.02000	3.6975	0.26120	0.10459	34	-9.52	34%	0
003.14	Fat, Ankom (%)	0613	3.1400	0.02000	3.6975	0.26120	0.10459	34	-2.13	8%	0
003.14	Fat, Ankom (%)	0357	3.3500	0.10000	3.6975	0.26120	0.10459	34	-1.33	5%	0
003.14	Fat, Ankom (%)	0581	3.4150	0.15000	3.6975	0.26120	0.10459	34	-1.08	4%	0
003.14	Fat, Ankom (%)	0202	3.4500	0.08000	3.6975	0.26120	0.10459	34	-0.95	3%	0
003.14	Fat, Ankom (%)	0265	3.4550	0.05000	3.6975	0.26120	0.10459	34	-0.93	3%	0
003.14	Fat, Ankom (%)	0144	3.4850	0.01000	3.6975	0.26120	0.10459	34	-0.81	3%	0
003.14	Fat, Ankom (%)	0004	3.4900	0.26000	3.6975	0.26120	0.10459	34	-0.79	3%	0
003.14	Fat, Ankom (%)	0948	3.4900	0.04000	3.6975	0.26120	0.10459	34	-0.79	3%	0
003.14	Fat, Ankom (%)	0598	3.5250	0.35000	3.6975	0.26120	0.10459	34	-0.66	2%	0
003.14	Fat, Ankom (%)	0049	3.5550	0.15000	3.6975	0.26120	0.10459	34	-0.55	2%	0
003.14	Fat, Ankom (%)	0520	3.5750	0.01000	3.6975	0.26120	0.10459	34	-0.47	2%	0
003.14	Fat, Ankom (%)	0692	3.6000	0.40000	3.6975	0.26120	0.10459	34	-0.37	1%	0
003.14	Fat, Ankom (%)	0066	3.6250	0.07000	3.6975	0.26120	0.10459	34	-0.28	1%	0
003.14	Fat, Ankom (%)	0037	3.6550	0.03000	3.6975	0.26120	0.10459	34	-0.16	1%	0
003.14	Fat, Ankom (%)	0407	3.6777	0.17690	3.6975	0.26120	0.10459	34	-0.08	0%	0
003.14	Fat, Ankom (%)	0278	3.7000	0.00000	3.6975	0.26120	0.10459	34	0.01	0%	0
003.14	Fat, Ankom (%)	0956	3.7000	0.00000	3.6975	0.26120	0.10459	34	0.01	0%	0
003.14	Fat, Ankom (%)	0574	3.7050	0.01000	3.6975	0.26120	0.10459	34	0.03	0%	0
003.14	Fat, Ankom (%)	0001	3.7325	0.08900	3.6975	0.26120	0.10459	34	0.13	0%	0
003.14	Fat, Ankom (%)	0108	3.7750	0.01000	3.6975	0.26120	0.10459	34	0.30	1%	0
003.14	Fat, Ankom (%)	0229	3.7850	0.01000	3.6975	0.26120	0.10459	34	0.34	1%	0
003.14	Fat, Ankom (%)	0876	3.7850	0.09000	3.6975	0.26120	0.10459	34	0.34	1%	0
003.14	Fat, Ankom (%)	0619	3.7950	0.01000	3.6975	0.26120	0.10459	34	0.37	1%	0
003.14	Fat, Ankom (%)	0683	3.8100	0.38000	3.6975	0.26120	0.10459	34	0.43	2%	0
003.14	Fat, Ankom (%)	0358	3.8750	0.17000	3.6975	0.26120	0.10459	34	0.68	2%	0
003.14	Fat, Ankom (%)	0529	3.8800	0.10000	3.6975	0.26120	0.10459	34	0.70	2%	0
003.14	Fat, Ankom (%)	0089	3.9450	0.01000	3.6975	0.26120	0.10459	34	0.95	3%	0
003.14	Fat, Ankom (%)	0726	3.9650	0.03000	3.6975	0.26120	0.10459	34	1.02	4%	0
003.14	Fat, Ankom (%)	0955	3.9850	0.15000	3.6975	0.26120	0.10459	34	1.10	4%	0
003.14	Fat, Ankom (%)	0190	4.0500	0.04000	3.6975	0.26120	0.10459	34	1.35	5%	0
003.14	Fat, Ankom (%)	2075	4.0900	0.12000	3.6975	0.26120	0.10459	34	1.50	5%	0
003.14	Fat, Ankom (%)	0937	4.2800	0.02000	3.6975	0.26120	0.10459	34	2.23	8%	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			
003.14	Fat, Ankom (%)	0413	4.5000	0.40000	3.6975	0.26120	0.10459	34	3.07	11%	0
003.14	Fat, Ankom (%)	0843	3.4100	0.58000	3.6975	0.26120	0.10459	34	-1.10	4%	1
003.99	Fat, Miscellaneous (%)	0047	3.6850	0.01000			0.02000	2			0
003.99	Fat, Miscellaneous (%)	0536	3.8050	0.03000			0.02000	2			0
003.99	Fat, Miscellaneous (%)	0880	0.00000	0.00000			0.02000	2			4
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.7500	0.50000	7.4682	0.50004	0.15727	18	-3.44	12%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	6.0740	0.28800	7.4682	0.50004	0.15727	18	-2.79	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	6.9300	0.02000	7.4682	0.50004	0.15727	18	-1.08	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	6.9450	0.05000	7.4682	0.50004	0.15727	18	-1.05	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	7.0650	0.05000	7.4682	0.50004	0.15727	18	-0.81	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	7.2200	0.16000	7.4682	0.50004	0.15727	18	-0.50	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	7.2450	0.23000	7.4682	0.50004	0.15727	18	-0.45	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	7.4300	0.02000	7.4682	0.50004	0.15727	18	-0.08	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	7.4700	0.02000	7.4682	0.50004	0.15727	18	0.00	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	7.5500	0.32000	7.4682	0.50004	0.15727	18	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	7.5900	0.14000	7.4682	0.50004	0.15727	18	0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	7.5928	0.32290	7.4682	0.50004	0.15727	18	0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	7.6500	0.10000	7.4682	0.50004	0.15727	18	0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	7.8000	0.20000	7.4682	0.50004	0.15727	18	0.66	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	7.8200	0.20000	7.4682	0.50004	0.15727	18	0.70	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	8.0800	0.04000	7.4682	0.50004	0.15727	18	1.22	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	8.3450	0.07000	7.4682	0.50004	0.15727	18	1.75	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	8.7500	0.10000	7.4682	0.50004	0.15727	18	2.56	9%	0
004.01	Fiber, Sing Filt (%)	0366	8.3500	0.10000			0.51500	2			0
004.01	Fiber, Sing Filt (%)	0045	8.4150	0.93000			0.51500	2			0
004.03	Fiber, Fritted Glass (%)	2089	5.3150	0.05000	7.4204	1.5564	0.26200	4	-1.35	14%	0
004.03	Fiber, Fritted Glass (%)	0626	7.2850	0.13000	7.4204	1.5564	0.26200	4	-0.09	1%	0
004.03	Fiber, Fritted Glass (%)	0685	8.1500	0.18000	7.4204	1.5564	0.26200	4	0.47	5%	0
004.03	Fiber, Fritted Glass (%)	0693	8.9317	0.68800	7.4204	1.5564	0.26200	4	0.97	10%	0
004.06	Fiber, Fibertec (%)	0895	5.5050	0.01000	7.5041	0.58334	0.12891	29	-3.43	13%	0
004.06	Fiber, Fibertec (%)	0903	5.8250	0.01000	7.5041	0.58334	0.12891	29	-2.88	11%	0
004.06	Fiber, Fibertec (%)	2091	6.1700	0.06000	7.5041	0.58334	0.12891	29	-2.29	9%	0
004.06	Fiber, Fibertec (%)	0552	6.2850	0.29000	7.5041	0.58334	0.12891	29	-2.09	8%	0
004.06	Fiber, Fibertec (%)	0897	6.7650	0.01000	7.5041	0.58334	0.12891	29	-1.27	5%	0
004.06	Fiber, Fibertec (%)	0590	6.8950	0.29000	7.5041	0.58334	0.12891	29	-1.04	4%	0
004.06	Fiber, Fibertec (%)	0653	7.1000	0.08000	7.5041	0.58334	0.12891	29	-0.69	3%	0
004.06	Fiber, Fibertec (%)	0885	7.1251	0.05130	7.5041	0.58334	0.12891	29	-0.65	3%	0
004.06	Fiber, Fibertec (%)	0918	7.1750	0.17000	7.5041	0.58334	0.12891	29	-0.56	2%	0
004.06	Fiber, Fibertec (%)	2006	7.2750	0.07000	7.5041	0.58334	0.12891	29	-0.39	2%	0
004.06	Fiber, Fibertec (%)	0723	7.3147	0.00000	7.5041	0.58334	0.12891	29	-0.32	1%	0
004.06	Fiber, Fibertec (%)	0098	7.3750	0.25000	7.5041	0.58334	0.12891	29	-0.22	1%	0
004.06	Fiber, Fibertec (%)	0948	7.4200	0.08000	7.5041	0.58334	0.12891	29	-0.14	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			
004.06	Fiber, Fibertec (%)	0512	7.5275	0.30100	7.5041	0.58334	0.12891	29	0.04	0%	0
004.06	Fiber, Fibertec (%)	0968	7.5520	0.07400	7.5041	0.58334	0.12891	29	0.08	0%	0
004.06	Fiber, Fibertec (%)	0941	7.5900	0.14000	7.5041	0.58334	0.12891	29	0.15	1%	0
004.06	Fiber, Fibertec (%)	2068	7.6100	0.10000	7.5041	0.58334	0.12891	29	0.18	1%	0
004.06	Fiber, Fibertec (%)	0689	7.6500	0.10000	7.5041	0.58334	0.12891	29	0.25	1%	0
004.06	Fiber, Fibertec (%)	0205	7.7535	0.18700	7.5041	0.58334	0.12891	29	0.43	2%	0
004.06	Fiber, Fibertec (%)	0952	7.8100	0.02000	7.5041	0.58334	0.12891	29	0.52	2%	0
004.06	Fiber, Fibertec (%)	0674	7.8600	0.32000	7.5041	0.58334	0.12891	29	0.61	2%	0
004.06	Fiber, Fibertec (%)	0027	7.8800	0.08000	7.5041	0.58334	0.12891	29	0.64	3%	0
004.06	Fiber, Fibertec (%)	0038	7.8800	0.34000	7.5041	0.58334	0.12891	29	0.64	3%	0
004.06	Fiber, Fibertec (%)	0845	7.9200	0.16000	7.5041	0.58334	0.12891	29	0.71	3%	0
004.06	Fiber, Fibertec (%)	2086	8.0200	0.06000	7.5041	0.58334	0.12891	29	0.88	3%	0
004.06	Fiber, Fibertec (%)	0720	8.1600	0.30000	7.5041	0.58334	0.12891	29	1.12	4%	0
004.06	Fiber, Fibertec (%)	0934	8.2850	0.01000	7.5041	0.58334	0.12891	29	1.34	5%	0
004.06	Fiber, Fibertec (%)	0722	8.5507	0.05520	7.5041	0.58334	0.12891	29	1.79	7%	0
004.06	Fiber, Fibertec (%)	0609	9.5200	0.12000	7.5041	0.58334	0.12891	29	3.46	13%	0
004.06	Fiber, Fibertec (%)	0964	7.6350	0.57000	7.5041	0.58334	0.12891	29	0.22	1%	1
004.07	Fiber, ANKOM (%)	0265	5.4700	0.54000	7.4235	0.86896	0.29914	57	-2.25	13%	0
004.07	Fiber, ANKOM (%)	0889	5.6900	0.56000	7.4235	0.86896	0.29914	57	-1.99	12%	0
004.07	Fiber, ANKOM (%)	0619	5.8600	0.16000	7.4235	0.86896	0.29914	57	-1.80	11%	0
004.07	Fiber, ANKOM (%)	0505	6.2600	0.08000	7.4235	0.86896	0.29914	57	-1.34	8%	0
004.07	Fiber, ANKOM (%)	0098	6.2750	0.45000	7.4235	0.86896	0.29914	57	-1.32	8%	0
004.07	Fiber, ANKOM (%)	0100	6.4150	0.19000	7.4235	0.86896	0.29914	57	-1.16	7%	0
004.07	Fiber, ANKOM (%)	0413	6.4500	0.10000	7.4235	0.86896	0.29914	57	-1.12	7%	0
004.07	Fiber, ANKOM (%)	0910	6.5000	0.40000	7.4235	0.86896	0.29914	57	-1.06	6%	0
004.07	Fiber, ANKOM (%)	2012	6.5850	0.41000	7.4235	0.86896	0.29914	57	-0.96	6%	0
004.07	Fiber, ANKOM (%)	0861	6.6000	0.16000	7.4235	0.86896	0.29914	57	-0.95	6%	0
004.07	Fiber, ANKOM (%)	0190	6.6500	0.10000	7.4235	0.86896	0.29914	57	-0.89	5%	0
004.07	Fiber, ANKOM (%)	0003	6.6800	0.72000	7.4235	0.86896	0.29914	57	-0.86	5%	0
004.07	Fiber, ANKOM (%)	0026	6.6950	0.23000	7.4235	0.86896	0.29914	57	-0.84	5%	0
004.07	Fiber, ANKOM (%)	0202	6.7400	0.18000	7.4235	0.86896	0.29914	57	-0.79	5%	0
004.07	Fiber, ANKOM (%)	2053	6.8150	0.07000	7.4235	0.86896	0.29914	57	-0.70	4%	0
004.07	Fiber, ANKOM (%)	0726	6.9150	0.03000	7.4235	0.86896	0.29914	57	-0.59	3%	0
004.07	Fiber, ANKOM (%)	0035	6.9250	0.45000	7.4235	0.86896	0.29914	57	-0.57	3%	0
004.07	Fiber, ANKOM (%)	0529	7.0000	0.04000	7.4235	0.86896	0.29914	57	-0.49	3%	0
004.07	Fiber, ANKOM (%)	0563	7.0331	0.07400	7.4235	0.86896	0.29914	57	-0.45	3%	0
004.07	Fiber, ANKOM (%)	0300	7.0485	0.03770	7.4235	0.86896	0.29914	57	-0.43	3%	0
004.07	Fiber, ANKOM (%)	0682	7.1000	0.00000	7.4235	0.86896	0.29914	57	-0.37	2%	0
004.07	Fiber, ANKOM (%)	0033	7.2350	0.01000	7.4235	0.86896	0.29914	57	-0.22	1%	0
004.07	Fiber, ANKOM (%)	0089	7.2650	0.01000	7.4235	0.86896	0.29914	57	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0904	7.2750	0.13000	7.4235	0.86896	0.29914	57	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0708	7.2800	0.00000	7.4235	0.86896	0.29914	57	-0.17	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			
004.07	Fiber, ANKOM (%)	0956	7.3000	0.40000	7.4235	0.86896	0.29914	57	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0870	7.3181	0.36580	7.4235	0.86896	0.29914	57	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0004	7.3350	0.17000	7.4235	0.86896	0.29914	57	-0.10	1%	0
004.07	Fiber, ANKOM (%)	0581	7.3500	0.10000	7.4235	0.86896	0.29914	57	-0.08	0%	0
004.07	Fiber, ANKOM (%)	0263	7.3915	0.12300	7.4235	0.86896	0.29914	57	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0074	7.4450	0.15000	7.4235	0.86896	0.29914	57	0.02	0%	0
004.07	Fiber, ANKOM (%)	0520	7.5115	0.43900	7.4235	0.86896	0.29914	57	0.10	1%	0
004.07	Fiber, ANKOM (%)	0948	7.5450	0.07000	7.4235	0.86896	0.29914	57	0.14	1%	0
004.07	Fiber, ANKOM (%)	0937	7.5500	0.10000	7.4235	0.86896	0.29914	57	0.15	1%	0
004.07	Fiber, ANKOM (%)	0019	7.5500	0.80000	7.4235	0.86896	0.29914	57	0.15	1%	0
004.07	Fiber, ANKOM (%)	0510	7.6000	0.40000	7.4235	0.86896	0.29914	57	0.20	1%	0
004.07	Fiber, ANKOM (%)	0939	7.6100	0.18000	7.4235	0.86896	0.29914	57	0.21	1%	0
004.07	Fiber, ANKOM (%)	0354	7.6900	0.20000	7.4235	0.86896	0.29914	57	0.31	2%	0
004.07	Fiber, ANKOM (%)	0692	7.7500	0.30000	7.4235	0.86896	0.29914	57	0.38	2%	0
004.07	Fiber, ANKOM (%)	0646	7.7800	0.06000	7.4235	0.86896	0.29914	57	0.41	2%	0
004.07	Fiber, ANKOM (%)	0229	7.8000	0.40000	7.4235	0.86896	0.29914	57	0.43	3%	0
004.07	Fiber, ANKOM (%)	0407	7.9302	0.30020	7.4235	0.86896	0.29914	57	0.58	3%	0
004.07	Fiber, ANKOM (%)	0178	7.9350	0.79000	7.4235	0.86896	0.29914	57	0.59	3%	0
004.07	Fiber, ANKOM (%)	0297	8.0850	0.55000	7.4235	0.86896	0.29914	57	0.76	4%	0
004.07	Fiber, ANKOM (%)	0643	8.0900	0.10000	7.4235	0.86896	0.29914	57	0.77	4%	0
004.07	Fiber, ANKOM (%)	0034	8.2850	0.27000	7.4235	0.86896	0.29914	57	0.99	6%	0
004.07	Fiber, ANKOM (%)	0144	8.2900	0.24000	7.4235	0.86896	0.29914	57	1.00	6%	0
004.07	Fiber, ANKOM (%)	0849	8.3345	0.05100	7.4235	0.86896	0.29914	57	1.05	6%	0
004.07	Fiber, ANKOM (%)	0536	8.4500	0.56000	7.4235	0.86896	0.29914	57	1.18	7%	0
004.07	Fiber, ANKOM (%)	0683	8.5500	0.26000	7.4235	0.86896	0.29914	57	1.30	8%	0
004.07	Fiber, ANKOM (%)	0066	8.9450	1.0700	7.4235	0.86896	0.29914	57	1.75	10%	0
004.07	Fiber, ANKOM (%)	2075	8.9500	0.30000	7.4235	0.86896	0.29914	57	1.76	10%	0
004.07	Fiber, ANKOM (%)	0598	9.2350	0.97000	7.4235	0.86896	0.29914	57	2.08	12%	0
004.07	Fiber, ANKOM (%)	0278	9.9000	0.80000	7.4235	0.86896	0.29914	57	2.85	17%	0
004.07	Fiber, ANKOM (%)	0876	10.200	0.60000	7.4235	0.86896	0.29914	57	3.20	19%	0
004.07	Fiber, ANKOM (%)	0294	11.200	0.00000	7.4235	0.86896	0.29914	57	4.35	25%	0
004.07	Fiber, ANKOM (%)	0083	11.650	0.80000	7.4235	0.86896	0.29914	57	4.86	28%	0
004.07	Fiber, ANKOM (%)	0613	9.2850	2.1300	7.4235	0.86896	0.29914	57	2.14	13%	1
004.11	Fiber, NIR (%)	2036	4.8250	0.03000	7.1483	3.0110	0.07000	3			0
004.11	Fiber, NIR (%)	0889	6.0700	0.08000	7.1483	3.0110	0.07000	3			0
004.11	Fiber, NIR (%)	0720	10.550	0.10000	7.1483	3.0110	0.07000	3			0
004.99	Fiber, Miscellaneous (%)	0536	7.7350	0.39000			0.24500	2			0
004.99	Fiber, Miscellaneous (%)	0629	8.0500	0.10000			0.24500	2			0
005.00	Ash, 2h @ 600°C (%)	0960	8.0850	0.15000	8.7485	0.31170	0.08373	94	-2.13	4%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.1200	0.04000	8.7485	0.31170	0.08373	94	-2.02	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.1650	0.03000	8.7485	0.31170	0.08373	94	-1.87	3%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.1650	0.03000	8.7485	0.31170	0.08373	94	-1.87	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0049	8.2100	0.08000	8.7485	0.31170	0.08373	94	-1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0019	8.2300	0.06000	8.7485	0.31170	0.08373	94	-1.66	3%	0
005.00	Ash, 2h @ 600°C (%)	0051	8.2500	0.10000	8.7485	0.31170	0.08373	94	-1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0957	8.2550	0.03000	8.7485	0.31170	0.08373	94	-1.58	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	8.2800	0.06000	8.7485	0.31170	0.08373	94	-1.50	3%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.3050	0.17000	8.7485	0.31170	0.08373	94	-1.42	3%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.3200	0.00000	8.7485	0.31170	0.08373	94	-1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	8.3450	0.15000	8.7485	0.31170	0.08373	94	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.3550	0.01000	8.7485	0.31170	0.08373	94	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.3650	0.05000	8.7485	0.31170	0.08373	94	-1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0693	8.3664	0.06620	8.7485	0.31170	0.08373	94	-1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.3750	0.03000	8.7485	0.31170	0.08373	94	-1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	8.3800	0.08000	8.7485	0.31170	0.08373	94	-1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.3850	0.01000	8.7485	0.31170	0.08373	94	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	8.4100	0.00000	8.7485	0.31170	0.08373	94	-1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.4550	0.01000	8.7485	0.31170	0.08373	94	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	8.4570	0.01800	8.7485	0.31170	0.08373	94	-0.94	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	8.4750	0.01000	8.7485	0.31170	0.08373	94	-0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.5050	0.37000	8.7485	0.31170	0.08373	94	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0958	8.5200	0.00000	8.7485	0.31170	0.08373	94	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.5300	0.04000	8.7485	0.31170	0.08373	94	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.5400	0.16000	8.7485	0.31170	0.08373	94	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	8.5600	0.12000	8.7485	0.31170	0.08373	94	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	8.5850	0.07000	8.7485	0.31170	0.08373	94	-0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	8.5900	0.18000	8.7485	0.31170	0.08373	94	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.6000	0.12000	8.7485	0.31170	0.08373	94	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.6150	0.09000	8.7485	0.31170	0.08373	94	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	8.6250	0.31000	8.7485	0.31170	0.08373	94	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.6490	0.02520	8.7485	0.31170	0.08373	94	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.6550	0.09000	8.7485	0.31170	0.08373	94	-0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	8.6600	0.16000	8.7485	0.31170	0.08373	94	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	8.6600	0.04000	8.7485	0.31170	0.08373	94	-0.28	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	8.6800	0.20000	8.7485	0.31170	0.08373	94	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.7237	0.00690	8.7485	0.31170	0.08373	94	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	8.7250	0.09000	8.7485	0.31170	0.08373	94	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.7250	0.05000	8.7485	0.31170	0.08373	94	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	8.7450	0.01000	8.7485	0.31170	0.08373	94	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	8.7500	0.04000	8.7485	0.31170	0.08373	94	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.7500	0.30000	8.7485	0.31170	0.08373	94	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	8.7550	0.05000	8.7485	0.31170	0.08373	94	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.7750	0.03000	8.7485	0.31170	0.08373	94	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.7750	0.05000	8.7485	0.31170	0.08373	94	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0298	8.7800	0.02000	8.7485	0.31170	0.08373	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.7800	0.08000	8.7485	0.31170	0.08373	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.7900	0.06000	8.7485	0.31170	0.08373	94	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.7950	0.07000	8.7485	0.31170	0.08373	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	8.7950	0.19000	8.7485	0.31170	0.08373	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.7950	0.03000	8.7485	0.31170	0.08373	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.8009	0.17150	8.7485	0.31170	0.08373	94	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	8.8150	0.07000	8.7485	0.31170	0.08373	94	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	8.8210	0.12200	8.7485	0.31170	0.08373	94	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.8400	0.06000	8.7485	0.31170	0.08373	94	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	8.8448	0.08760	8.7485	0.31170	0.08373	94	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.8500	0.10000	8.7485	0.31170	0.08373	94	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.8610	0.00450	8.7485	0.31170	0.08373	94	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	8.8610	0.09600	8.7485	0.31170	0.08373	94	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	8.8650	0.09000	8.7485	0.31170	0.08373	94	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.8700	0.02000	8.7485	0.31170	0.08373	94	0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.8850	0.03000	8.7485	0.31170	0.08373	94	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.9100	0.20000	8.7485	0.31170	0.08373	94	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.9150	0.01000	8.7485	0.31170	0.08373	94	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.9225	0.13300	8.7485	0.31170	0.08373	94	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.9239	0.03660	8.7485	0.31170	0.08373	94	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.9250	0.03000	8.7485	0.31170	0.08373	94	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	8.9264	0.00000	8.7485	0.31170	0.08373	94	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	8.9300	0.10000	8.7485	0.31170	0.08373	94	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.9650	0.15000	8.7485	0.31170	0.08373	94	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	8.9728	0.02090	8.7485	0.31170	0.08373	94	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.9730	0.02800	8.7485	0.31170	0.08373	94	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.9800	0.10000	8.7485	0.31170	0.08373	94	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.9840	0.03000	8.7485	0.31170	0.08373	94	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	8.9900	0.06000	8.7485	0.31170	0.08373	94	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.0000	0.00000	8.7485	0.31170	0.08373	94	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	9.0000	0.00000	8.7485	0.31170	0.08373	94	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	9.0050	0.01000	8.7485	0.31170	0.08373	94	0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	9.0594	0.00590	8.7485	0.31170	0.08373	94	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0961	9.0600	0.14000	8.7485	0.31170	0.08373	94	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.1000	0.14000	8.7485	0.31170	0.08373	94	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	9.1000	0.00000	8.7485	0.31170	0.08373	94	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	9.1000	0.00000	8.7485	0.31170	0.08373	94	1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	9.1100	0.36000	8.7485	0.31170	0.08373	94	1.16	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	9.1250	0.19000	8.7485	0.31170	0.08373	94	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	9.1260	0.03800	8.7485	0.31170	0.08373	94	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.2050	0.03000	8.7485	0.31170	0.08373	94	1.46	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			
005.00	Ash, 2h @ 600°C (%)	0581	9.2200	0.12000	8.7485	0.31170	0.08373	94	1.51	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.2750	0.05000	8.7485	0.31170	0.08373	94	1.69	3%	0
005.00	Ash, 2h @ 600°C (%)	0297	9.3000	0.00000	8.7485	0.31170	0.08373	94	1.77	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.3450	0.17000	8.7485	0.31170	0.08373	94	1.91	3%	0
005.00	Ash, 2h @ 600°C (%)	0144	9.4800	0.32000	8.7485	0.31170	0.08373	94	2.35	4%	0
005.00	Ash, 2h @ 600°C (%)	0618	9.6950	0.31000	8.7485	0.31170	0.08373	94	3.04	5%	0
005.00	Ash, 2h @ 600°C (%)	0553	9.2200	0.52000	8.7485	0.31170	0.08373	94	1.51	3%	1
005.05	Ash, 3h @ 550°C (%)	0889	8.5200	0.06000	8.9920	0.16472	0.06579	27	-2.87	3%	0
005.05	Ash, 3h @ 550°C (%)	0940	8.5200	0.28000	8.9920	0.16472	0.06579	27	-2.87	3%	0
005.05	Ash, 3h @ 550°C (%)	0934	8.5550	0.01000	8.9920	0.16472	0.06579	27	-2.65	2%	0
005.05	Ash, 3h @ 550°C (%)	0845	8.7950	0.19000	8.9920	0.16472	0.06579	27	-1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	2052	8.8000	0.04000	8.9920	0.16472	0.06579	27	-1.17	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.8065	0.01300	8.9920	0.16472	0.06579	27	-1.13	1%	0
005.05	Ash, 3h @ 550°C (%)	0937	8.8250	0.01000	8.9920	0.16472	0.06579	27	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.8500	0.10000	8.9920	0.16472	0.06579	27	-0.86	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	8.9275	0.09500	8.9920	0.16472	0.06579	27	-0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.9600	0.06000	8.9920	0.16472	0.06579	27	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	9.0000	0.00000	8.9920	0.16472	0.06579	27	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0904	9.0000	0.38000	8.9920	0.16472	0.06579	27	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	2086	9.0050	0.01000	8.9920	0.16472	0.06579	27	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	2091	9.0050	0.09000	8.9920	0.16472	0.06579	27	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	9.0100	0.10000	8.9920	0.16472	0.06579	27	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	0178	9.0150	0.03000	8.9920	0.16472	0.06579	27	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	9.0253	0.03800	8.9920	0.16472	0.06579	27	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	9.0400	0.04000	8.9920	0.16472	0.06579	27	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	9.0550	0.05000	8.9920	0.16472	0.06579	27	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	9.0600	0.02000	8.9920	0.16472	0.06579	27	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	9.0850	0.01000	8.9920	0.16472	0.06579	27	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.1000	0.00000	8.9920	0.16472	0.06579	27	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	9.1850	0.01000	8.9920	0.16472	0.06579	27	1.17	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	9.2052	0.03030	8.9920	0.16472	0.06579	27	1.29	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	9.2350	0.09000	8.9920	0.16472	0.06579	27	1.48	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	9.3250	0.01000	8.9920	0.16472	0.06579	27	2.02	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	9.8150	0.01000	8.9920	0.16472	0.06579	27	5.00	5%	0
005.05	Ash, 3h @ 550°C (%)	0720	9.1750	0.79000	8.9920	0.16472	0.06579	27	1.11	1%	1
005.05	Ash, 3h @ 550°C (%)	0692	9.3000	0.80000	8.9920	0.16472	0.06579	27	1.87	2%	1
005.11	Ash, NIR (%)	0720	4.9850	0.23000	8.6111	3.3125	0.10667	6	-1.09	21%	0
005.11	Ash, NIR (%)	2036	6.7800	0.12000	8.6111	3.3125	0.10667	6	-0.55	11%	0
005.11	Ash, NIR (%)	0889	6.8400	0.20000	8.6111	3.3125	0.10667	6	-0.53	10%	0
005.11	Ash, NIR (%)	0852	9.3900	0.00000	8.6111	3.3125	0.10667	6	0.24	5%	0
005.11	Ash, NIR (%)	0297	10.935	0.05000	8.6111	3.3125	0.10667	6	0.70	13%	0
005.11	Ash, NIR (%)	0613	18.400	0.04000	8.6111	3.3125	0.10667	6	2.96	57%	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			
005.99	Ash, Miscellaneous (%)	0574	8.2150	0.07000	8.8183	0.45853	0.16625	8	-1.32	3%	0
005.99	Ash, Miscellaneous (%)	0202	8.3400	0.02000	8.8183	0.45853	0.16625	8	-1.04	3%	0
005.99	Ash, Miscellaneous (%)	0613	8.6350	0.49000	8.8183	0.45853	0.16625	8	-0.40	1%	0
005.99	Ash, Miscellaneous (%)	0662	8.7450	0.09000	8.8183	0.45853	0.16625	8	-0.16	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.9750	0.49000	8.8183	0.45853	0.16625	8	0.34	1%	0
005.99	Ash, Miscellaneous (%)	0536	9.0600	0.02000	8.8183	0.45853	0.16625	8	0.53	1%	0
005.99	Ash, Miscellaneous (%)	0629	9.2050	0.09000	8.8183	0.45853	0.16625	8	0.84	2%	0
005.99	Ash, Miscellaneous (%)	0676	9.3600	0.06000	8.8183	0.45853	0.16625	8	1.18	3%	0
006.00	Total sugars, As sucrose (%)	0939	2.5700	0.18000			0.18000	1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	2.2450	0.05000			0.05000	1			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	3.5950	0.13000			0.13000	1			0
006.99	Total sugars, Miscellaneous (%)	0956	3.6000	0.60000			0.60000	1			0
008.02	Fiber, Acid Detergent (%)	0939	10.725	0.11000	13.239	2.4335	0.21926	7	-1.03	9%	0
008.02	Fiber, Acid Detergent (%)	0948	11.145	0.25000	13.239	2.4335	0.21926	7	-0.86	8%	0
008.02	Fiber, Acid Detergent (%)	0353	12.110	0.66000	13.239	2.4335	0.21926	7	-0.46	4%	0
008.02	Fiber, Acid Detergent (%)	0309	12.777	0.01480	13.239	2.4335	0.21926	7	-0.19	2%	0
008.02	Fiber, Acid Detergent (%)	0098	14.120	0.16000	13.239	2.4335	0.21926	7	0.36	3%	0
008.02	Fiber, Acid Detergent (%)	0148	15.390	0.28000	13.239	2.4335	0.21926	7	0.88	8%	0
008.02	Fiber, Acid Detergent (%)	0609	20.630	0.06000	13.239	2.4335	0.21926	7	3.04	28%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	11.400	0.80000			0.80000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	7.7335	0.37120	13.324	2.9629	0.58712	37	-1.89	21%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	9.4000	0.40000	13.324	2.9629	0.58712	37	-1.32	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	9.4800	0.66000	13.324	2.9629	0.58712	37	-1.30	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	9.6350	0.45000	13.324	2.9629	0.58712	37	-1.25	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	9.6850	0.75000	13.324	2.9629	0.58712	37	-1.23	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	9.8945	0.19500	13.324	2.9629	0.58712	37	-1.16	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	9.9200	0.10000	13.324	2.9629	0.58712	37	-1.15	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	10.530	0.36000	13.324	2.9629	0.58712	37	-0.94	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	10.600	0.20000	13.324	2.9629	0.58712	37	-0.92	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	11.350	1.1000	13.324	2.9629	0.58712	37	-0.67	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	11.535	1.0100	13.324	2.9629	0.58712	37	-0.60	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	11.865	0.07000	13.324	2.9629	0.58712	37	-0.49	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	12.250	0.10000	13.324	2.9629	0.58712	37	-0.36	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	12.500	0.60000	13.324	2.9629	0.58712	37	-0.28	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	12.618	0.57060	13.324	2.9629	0.58712	37	-0.24	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	12.700	1.2000	13.324	2.9629	0.58712	37	-0.21	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	12.850	0.90000	13.324	2.9629	0.58712	37	-0.16	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	13.330	1.9400	13.324	2.9629	0.58712	37	0.00	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	13.555	0.59000	13.324	2.9629	0.58712	37	0.08	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	13.620	1.2000	13.324	2.9629	0.58712	37	0.10	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	13.805	0.17000	13.324	2.9629	0.58712	37	0.16	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	14.135	0.33640	13.324	2.9629	0.58712	37	0.27	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			
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	14.150	1.7000	13.324	2.9629	0.58712	37	0.28	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	14.170	0.06000	13.324	2.9629	0.58712	37	0.29	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	15.070	0.12000	13.324	2.9629	0.58712	37	0.59	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	15.225	0.09000	13.324	2.9629	0.58712	37	0.64	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	15.602	0.62940	13.324	2.9629	0.58712	37	0.77	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	15.630	0.50000	13.324	2.9629	0.58712	37	0.78	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	15.639	0.98000	13.324	2.9629	0.58712	37	0.78	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	15.685	0.71000	13.324	2.9629	0.58712	37	0.80	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	15.800	0.00000	13.324	2.9629	0.58712	37	0.84	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	16.330	1.8600	13.324	2.9629	0.58712	37	1.01	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	16.535	0.55000	13.324	2.9629	0.58712	37	1.08	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	16.555	0.34090	13.324	2.9629	0.58712	37	1.09	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	16.980	0.68000	13.324	2.9629	0.58712	37	1.23	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	17.685	0.13000	13.324	2.9629	0.58712	37	1.47	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	18.150	0.10000	13.324	2.9629	0.58712	37	1.63	18%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	13.670	2.5200	13.324	2.9629	0.58712	37	0.12	1%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	10.380	0.16000	12.590	3.1107	0.08000	4	-0.71	9%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	10.950	0.10000	12.590	3.1107	0.08000	4	-0.53	7%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	11.865	0.01000	12.590	3.1107	0.08000	4	-0.23	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	17.165	0.05000	12.590	3.1107	0.08000	4	1.47	18%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	20.150	0.90000	24.187	3.7518	0.29768	5	-1.08	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	21.250	0.10000	24.187	3.7518	0.29768	5	-0.78	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	21.770	0.08000	24.187	3.7518	0.29768	5	-0.64	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	24.272	0.33840	24.187	3.7518	0.29768	5	0.02	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	29.455	0.07000	24.187	3.7518	0.29768	5	1.40	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	18.598	0.03040	22.345	2.0374	0.63501	37	-1.84	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	19.260	1.0000	22.345	2.0374	0.63501	37	-1.51	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	19.350	0.30000	22.345	2.0374	0.63501	37	-1.47	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	19.750	0.70000	22.345	2.0374	0.63501	37	-1.27	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	20.150	0.30000	22.345	2.0374	0.63501	37	-1.08	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	20.350	0.10000	22.345	2.0374	0.63501	37	-0.98	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	20.595	1.4900	22.345	2.0374	0.63501	37	-0.86	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	20.705	0.49000	22.345	2.0374	0.63501	37	-0.80	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	20.920	1.9600	22.345	2.0374	0.63501	37	-0.70	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	21.066	1.0706	22.345	2.0374	0.63501	37	-0.63	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	21.450	1.5000	22.345	2.0374	0.63501	37	-0.44	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	21.475	0.21000	22.345	2.0374	0.63501	37	-0.43	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	21.550	0.30000	22.345	2.0374	0.63501	37	-0.39	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	21.570	0.10000	22.345	2.0374	0.63501	37	-0.38	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	21.800	0.88000	22.345	2.0374	0.63501	37	-0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	21.900	0.40000	22.345	2.0374	0.63501	37	-0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	22.040	0.96000	22.345	2.0374	0.63501	37	-0.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	22.220	0.22000	22.345	2.0374	0.63501	37	-0.06	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	22.315	1.0100	22.345	2.0374	0.63501	37	-0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	22.325	1.1900	22.345	2.0374	0.63501	37	-0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	22.348	0.29660	22.345	2.0374	0.63501	37	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	22.455	0.27000	22.345	2.0374	0.63501	37	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	22.600	0.60000	22.345	2.0374	0.63501	37	0.13	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	22.986	0.70900	22.345	2.0374	0.63501	37	0.31	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	23.005	0.91000	22.345	2.0374	0.63501	37	0.32	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	23.347	0.38690	22.345	2.0374	0.63501	37	0.49	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	23.440	0.42000	22.345	2.0374	0.63501	37	0.54	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	23.692	0.33370	22.345	2.0374	0.63501	37	0.66	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	23.886	0.18800	22.345	2.0374	0.63501	37	0.76	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	24.175	1.4500	22.345	2.0374	0.63501	37	0.90	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	24.210	0.12000	22.345	2.0374	0.63501	37	0.92	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	24.265	0.19000	22.345	2.0374	0.63501	37	0.94	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	24.800	0.40000	22.345	2.0374	0.63501	37	1.21	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	25.300	0.20000	22.345	2.0374	0.63501	37	1.45	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	27.055	1.8700	22.345	2.0374	0.63501	37	2.31	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	27.250	0.30000	22.345	2.0374	0.63501	37	2.41	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	35.960	0.64000	22.345	2.0374	0.63501	37	6.68	30%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	22.250	0.24000			0.14500	2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	22.865	0.05000			0.14500	2			0
010.03	Moisture, Karl-Fischer (%)	0843	7.8900	0.22000	8.2233	0.29590	0.17333	3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.3250	0.29000	8.2233	0.29590	0.17333	3			0
010.03	Moisture, Karl-Fischer (%)	0208	8.4550	0.01000	8.2233	0.29590	0.17333	3			0
010.11	Moisture, NIR (%)	0553	8.1200	0.08000	9.1040	0.97003	0.07200	5	-1.01	5%	0
010.11	Moisture, NIR (%)	0889	8.4150	0.17000	9.1040	0.97003	0.07200	5	-0.71	4%	0
010.11	Moisture, NIR (%)	2036	8.7700	0.08000	9.1040	0.97003	0.07200	5	-0.34	2%	0
010.11	Moisture, NIR (%)	0720	9.7950	0.01000	9.1040	0.97003	0.07200	5	0.71	4%	0
010.11	Moisture, NIR (%)	0852	10.420	0.02000	9.1040	0.97003	0.07200	5	1.36	7%	0
010.99	Moisture, Miscellaneous (%)	2051	7.4500	0.10000	8.4967	0.53682	0.14971	18	-1.95	6%	0
010.99	Moisture, Miscellaneous (%)	0028	7.5100	0.06000	8.4967	0.53682	0.14971	18	-1.84	6%	0
010.99	Moisture, Miscellaneous (%)	0692	7.9000	0.60000	8.4967	0.53682	0.14971	18	-1.11	4%	0
010.99	Moisture, Miscellaneous (%)	0168	8.0300	0.36000	8.4967	0.53682	0.14971	18	-0.87	3%	0
010.99	Moisture, Miscellaneous (%)	0722	8.2002	0.05470	8.4967	0.53682	0.14971	18	-0.55	2%	0
010.99	Moisture, Miscellaneous (%)	0964	8.2330	0.03000	8.4967	0.53682	0.14971	18	-0.49	2%	0
010.99	Moisture, Miscellaneous (%)	0910	8.4000	0.40000	8.4967	0.53682	0.14971	18	-0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0948	8.4450	0.01000	8.4967	0.53682	0.14971	18	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0917	8.4500	0.10000	8.4967	0.53682	0.14971	18	-0.09	0%	0
010.99	Moisture, Miscellaneous (%)	0952	8.5300	0.04000	8.4967	0.53682	0.14971	18	0.06	0%	0
010.99	Moisture, Miscellaneous (%)	2089	8.6150	0.11000	8.4967	0.53682	0.14971	18	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.6400	0.12000	8.4967	0.53682	0.14971	18	0.27	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	
010.99	Moisture, Miscellaneous (%)	0190	8.8650	0.21000	8.4967	0.53682	0.14971	18	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0726	8.9200	0.06000	8.4967	0.53682	0.14971	18	0.79	2%	0
010.99	Moisture, Miscellaneous (%)	0943	8.9600	0.08000	8.4967	0.53682	0.14971	18	0.86	3%	0
010.99	Moisture, Miscellaneous (%)	2105	9.0500	0.16000	8.4967	0.53682	0.14971	18	1.03	3%	0
010.99	Moisture, Miscellaneous (%)	2004	9.0700	0.12000	8.4967	0.53682	0.14971	18	1.07	3%	0
010.99	Moisture, Miscellaneous (%)	0405	9.2500	0.08000	8.4967	0.53682	0.14971	18	1.40	4%	0
010.99	Moisture, Miscellaneous (%)	0019	7.2500	1.7000	8.4967	0.53682	0.14971	18	-2.32	7%	1
011.01	Loss on Drying, 135°C 2hr (%)	2095	8.4000	0.30000	9.3840	0.30304	0.13222	75	-3.25	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.6300	0.04000	9.3840	0.30304	0.13222	75	-2.49	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.6665	0.02070	9.3840	0.30304	0.13222	75	-2.37	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	8.7400	0.44000	9.3840	0.30304	0.13222	75	-2.13	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.8100	0.24000	9.3840	0.30304	0.13222	75	-1.89	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.9850	0.03000	9.3840	0.30304	0.13222	75	-1.32	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.0000	0.20000	9.3840	0.30304	0.13222	75	-1.27	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.0000	0.22000	9.3840	0.30304	0.13222	75	-1.27	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.0050	0.47000	9.3840	0.30304	0.13222	75	-1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.0550	0.03000	9.3840	0.30304	0.13222	75	-1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.0805	0.01450	9.3840	0.30304	0.13222	75	-1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.0950	0.06800	9.3840	0.30304	0.13222	75	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.1050	0.41000	9.3840	0.30304	0.13222	75	-0.92	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.1250	0.03000	9.3840	0.30304	0.13222	75	-0.85	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.1300	0.04000	9.3840	0.30304	0.13222	75	-0.84	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.1350	0.05000	9.3840	0.30304	0.13222	75	-0.82	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.1500	0.10000	9.3840	0.30304	0.13222	75	-0.77	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.1500	0.36000	9.3840	0.30304	0.13222	75	-0.77	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0961	9.1550	0.09000	9.3840	0.30304	0.13222	75	-0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.1550	0.13000	9.3840	0.30304	0.13222	75	-0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	9.1605	0.04500	9.3840	0.30304	0.13222	75	-0.74	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.1658	0.41550	9.3840	0.30304	0.13222	75	-0.72	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.1725	0.20500	9.3840	0.30304	0.13222	75	-0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.1750	0.01000	9.3840	0.30304	0.13222	75	-0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	9.2000	0.40000	9.3840	0.30304	0.13222	75	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.2300	0.00000	9.3840	0.30304	0.13222	75	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	9.2935	0.24300	9.3840	0.30304	0.13222	75	-0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.3000	0.20000	9.3840	0.30304	0.13222	75	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.3000	0.00000	9.3840	0.30304	0.13222	75	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.3000	0.02000	9.3840	0.30304	0.13222	75	-0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.3050	0.03000	9.3840	0.30304	0.13222	75	-0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	9.3200	0.04000	9.3840	0.30304	0.13222	75	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.3200	0.02000	9.3840	0.30304	0.13222	75	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.3315	0.00300	9.3840	0.30304	0.13222	75	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.3450	0.43000	9.3840	0.30304	0.13222	75	-0.13	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			
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.3500	0.10000	9.3840	0.30304	0.13222	75	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.3610	0.00600	9.3840	0.30304	0.13222	75	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.3650	0.03000	9.3840	0.30304	0.13222	75	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.3750	0.19000	9.3840	0.30304	0.13222	75	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	9.4065	0.09700	9.3840	0.30304	0.13222	75	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	9.4350	0.05000	9.3840	0.30304	0.13222	75	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.4550	0.01000	9.3840	0.30304	0.13222	75	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.4550	0.11000	9.3840	0.30304	0.13222	75	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.4750	0.01000	9.3840	0.30304	0.13222	75	0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.4900	0.38000	9.3840	0.30304	0.13222	75	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	9.4950	0.03000	9.3840	0.30304	0.13222	75	0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.5150	0.17000	9.3840	0.30304	0.13222	75	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.5224	0.10660	9.3840	0.30304	0.13222	75	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.5250	0.03000	9.3840	0.30304	0.13222	75	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.5450	0.01000	9.3840	0.30304	0.13222	75	0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.5750	0.05000	9.3840	0.30304	0.13222	75	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.5750	0.05000	9.3840	0.30304	0.13222	75	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.5850	0.57000	9.3840	0.30304	0.13222	75	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.5850	0.11000	9.3840	0.30304	0.13222	75	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	9.5850	0.09000	9.3840	0.30304	0.13222	75	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.6000	0.00000	9.3840	0.30304	0.13222	75	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.6100	0.06000	9.3840	0.30304	0.13222	75	0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.6200	0.04000	9.3840	0.30304	0.13222	75	0.78	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	9.6332	0.09320	9.3840	0.30304	0.13222	75	0.82	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.6450	0.03000	9.3840	0.30304	0.13222	75	0.86	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	9.6480	0.05200	9.3840	0.30304	0.13222	75	0.87	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.6650	0.09000	9.3840	0.30304	0.13222	75	0.93	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	9.6700	0.32000	9.3840	0.30304	0.13222	75	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.6750	0.35000	9.3840	0.30304	0.13222	75	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	9.6800	0.00000	9.3840	0.30304	0.13222	75	0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.7105	0.04990	9.3840	0.30304	0.13222	75	1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.7150	0.11000	9.3840	0.30304	0.13222	75	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.7150	0.01000	9.3840	0.30304	0.13222	75	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.7500	0.08000	9.3840	0.30304	0.13222	75	1.21	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.7635	0.27700	9.3840	0.30304	0.13222	75	1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.8050	0.03000	9.3840	0.30304	0.13222	75	1.39	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.8100	0.08000	9.3840	0.30304	0.13222	75	1.41	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.050	0.10000	9.3840	0.30304	0.13222	75	2.20	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.105	0.53000	9.3840	0.30304	0.13222	75	2.38	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.175	0.07000	9.3840	0.30304	0.13222	75	2.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.9800	0.82000	9.3840	0.30304	0.13222	75	-1.33	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0874	6.8700	0.50000	9.3840	0.30304	0.13222	75	-8.30	13%	2

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			
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.1700	0.34000			0.34000	1			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	8.5400	0.02000			0.02000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.6650	0.05000	9.0175	0.29559	0.24000	4	-1.19	2%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.9000	0.60000	9.0175	0.29559	0.24000	4	-0.40	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	9.1700	0.10000	9.0175	0.29559	0.24000	4	0.52	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.3350	0.21000	9.0175	0.29559	0.24000	4	1.07	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	13.535	0.11000	14.145	0.65894	0.10875	8	-0.93	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	13.545	0.35000	14.145	0.65894	0.10875	8	-0.91	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	13.595	0.01000	14.145	0.65894	0.10875	8	-0.83	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	13.950	0.10000	14.145	0.65894	0.10875	8	-0.30	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	14.176	0.00000	14.145	0.65894	0.10875	8	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	14.615	0.11000	14.145	0.65894	0.10875	8	0.71	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	14.800	0.08000	14.145	0.65894	0.10875	8	0.99	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	14.945	0.11000	14.145	0.65894	0.10875	8	1.21	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	13.400	0.80000	14.145	0.65894	0.10875	8	-1.13	3%	1
012.01	Starch, Megazyme (%)	0870	10.456	0.27830	12.703	0.90348	0.45290	7	-2.49	9%	0
012.01	Starch, Megazyme (%)	0918	12.228	0.05200	12.703	0.90348	0.45290	7	-0.53	2%	0
012.01	Starch, Megazyme (%)	2004	12.250	0.50000	12.703	0.90348	0.45290	7	-0.50	2%	0
012.01	Starch, Megazyme (%)	0676	12.630	0.04000	12.703	0.90348	0.45290	7	-0.08	0%	0
012.01	Starch, Megazyme (%)	0045	13.150	0.30000	12.703	0.90348	0.45290	7	0.50	2%	0
012.01	Starch, Megazyme (%)	0956	13.400	1.8000	12.703	0.90348	0.45290	7	0.77	3%	0
012.01	Starch, Megazyme (%)	0265	14.000	0.20000	12.703	0.90348	0.45290	7	1.44	5%	0
012.01	Starch, Megazyme (%)	0613	9.0350	4.4700	12.703	0.90348	0.45290	7	-4.06	14%	1
012.03	Starch, Enzymatic (%)	0885	11.356	0.15420	13.313	1.3333	0.37024	5	-1.47	7%	0
012.03	Starch, Enzymatic (%)	0098	12.950	1.3000	13.313	1.3333	0.37024	5	-0.27	1%	0
012.03	Starch, Enzymatic (%)	0407	13.596	0.15700	13.313	1.3333	0.37024	5	0.21	1%	0
012.03	Starch, Enzymatic (%)	0889	14.045	0.03000	13.313	1.3333	0.37024	5	0.55	3%	0
012.03	Starch, Enzymatic (%)	0297	14.255	0.21000	13.313	1.3333	0.37024	5	0.71	4%	0
012.04	Starch, YSI Analyzer (%)	0510	12.250	0.30000	12.950	0.43691	0.19600	5	-1.60	3%	0
012.04	Starch, YSI Analyzer (%)	0160	12.805	0.15000	12.950	0.43691	0.19600	5	-0.33	1%	0
012.04	Starch, YSI Analyzer (%)	0278	13.150	0.10000	12.950	0.43691	0.19600	5	0.46	1%	0
012.04	Starch, YSI Analyzer (%)	0948	13.225	0.37000	12.950	0.43691	0.19600	5	0.63	1%	0
012.04	Starch, YSI Analyzer (%)	0353	13.320	0.06000	12.950	0.43691	0.19600	5	0.85	1%	0
012.11	Starch, NIR (%)	0297	10.965	0.01000	12.670	1.5010	0.50000	4	-1.14	7%	0
012.11	Starch, NIR (%)	0889	12.060	1.0800	12.670	1.5010	0.50000	4	-0.41	2%	0
012.11	Starch, NIR (%)	2036	13.195	0.85000	12.670	1.5010	0.50000	4	0.35	2%	0
012.11	Starch, NIR (%)	0720	14.460	0.06000	12.670	1.5010	0.50000	4	1.19	7%	0
013.00	Fat, Acid hydrolysis (%)	0555	3.9500	0.10000	6.2684	0.41358	0.07458	19	-5.61	18%	0
013.00	Fat, Acid hydrolysis (%)	0615	3.9600	0.10000	6.2684	0.41358	0.07458	19	-5.58	18%	0
013.00	Fat, Acid hydrolysis (%)	0083	4.9400	0.08000	6.2684	0.41358	0.07458	19	-3.21	11%	0
013.00	Fat, Acid hydrolysis (%)	0904	5.9850	0.21000	6.2684	0.41358	0.07458	19	-0.69	2%	0
013.00	Fat, Acid hydrolysis (%)	0689	6.0000	0.00000	6.2684	0.41358	0.07458	19	-0.65	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	
013.00	Fat, Acid hydrolysis (%)	0297	6.1150	0.01000	6.2684	0.41358	0.07458	19	-0.37	1%	0
013.00	Fat, Acid hydrolysis (%)	0035	6.2100	0.12000	6.2684	0.41358	0.07458	19	-0.14	0%	0
013.00	Fat, Acid hydrolysis (%)	0948	6.2100	0.04000	6.2684	0.41358	0.07458	19	-0.14	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	6.2500	0.10000	6.2684	0.41358	0.07458	19	-0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	0653	6.2650	0.07000	6.2684	0.41358	0.07458	19	-0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	0681	6.2850	0.07000	6.2684	0.41358	0.07458	19	0.04	0%	0
013.00	Fat, Acid hydrolysis (%)	2053	6.3100	0.04000	6.2684	0.41358	0.07458	19	0.10	0%	0
013.00	Fat, Acid hydrolysis (%)	0242	6.3300	0.06000	6.2684	0.41358	0.07458	19	0.15	0%	0
013.00	Fat, Acid hydrolysis (%)	2076	6.4935	0.03700	6.2684	0.41358	0.07458	19	0.54	2%	0
013.00	Fat, Acid hydrolysis (%)	2057	6.5750	0.07000	6.2684	0.41358	0.07458	19	0.74	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	6.6500	0.10000	6.2684	0.41358	0.07458	19	0.92	3%	0
013.00	Fat, Acid hydrolysis (%)	0139	6.6850	0.07000	6.2684	0.41358	0.07458	19	1.01	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	6.8550	0.11000	6.2684	0.41358	0.07458	19	1.42	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	7.2050	0.03000	6.2684	0.41358	0.07458	19	2.26	7%	0
013.00	Fat, Acid hydrolysis (%)	0910	6.1250	0.35000	6.2684	0.41358	0.07458	19	-0.35	1%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.6050	0.21000	6.9366	0.49422	0.21169	28	-2.69	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	5.9600	0.48000	6.9366	0.49422	0.21169	28	-1.98	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	6.1239	0.28740	6.9366	0.49422	0.21169	28	-1.64	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0175	6.4100	0.06000	6.9366	0.49422	0.21169	28	-1.07	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.5000	0.36000	6.9366	0.49422	0.21169	28	-0.88	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	6.5350	0.17000	6.9366	0.49422	0.21169	28	-0.81	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0510	6.5500	0.10000	6.9366	0.49422	0.21169	28	-0.78	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.5900	0.36000	6.9366	0.49422	0.21169	28	-0.70	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0960	6.6200	0.68000	6.9366	0.49422	0.21169	28	-0.64	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0964	6.7300	0.20000	6.9366	0.49422	0.21169	28	-0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	6.7650	0.11000	6.9366	0.49422	0.21169	28	-0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	6.8250	0.25000	6.9366	0.49422	0.21169	28	-0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	6.9850	0.07000	6.9366	0.49422	0.21169	28	0.10	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.9900	0.20000	6.9366	0.49422	0.21169	28	0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	6.9900	0.38000	6.9366	0.49422	0.21169	28	0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	7.0100	0.10000	6.9366	0.49422	0.21169	28	0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	7.0450	0.11000	6.9366	0.49422	0.21169	28	0.22	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	7.0900	0.20000	6.9366	0.49422	0.21169	28	0.31	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	7.2000	0.20000	6.9366	0.49422	0.21169	28	0.53	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	7.2300	0.44000	6.9366	0.49422	0.21169	28	0.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	7.3000	0.00000	6.9366	0.49422	0.21169	28	0.74	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	7.3450	0.17000	6.9366	0.49422	0.21169	28	0.83	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0017	7.3500	0.10000	6.9366	0.49422	0.21169	28	0.84	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	7.4150	0.05000	6.9366	0.49422	0.21169	28	0.97	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	7.4400	0.02000	6.9366	0.49422	0.21169	28	1.02	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	7.4800	0.00000	6.9366	0.49422	0.21169	28	1.10	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	7.5650	0.49000	6.9366	0.49422	0.21169	28	1.27	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			
013.02	Fat, Mojonnier, Bak Ext (%)	0676	8.6250	0.13000	6.9366	0.49422	0.21169	28	3.42	12%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.5450	0.03000			0.03000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	5.4150	0.19000	6.1428	0.37422	0.13344	9	-1.94	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	5.8500	0.40000	6.1428	0.37422	0.13344	9	-0.78	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0178	6.0250	0.05000	6.1428	0.37422	0.13344	9	-0.31	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	6.0427	0.05100	6.1428	0.37422	0.13344	9	-0.27	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	6.1000	0.20000	6.1428	0.37422	0.13344	9	-0.11	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	6.1450	0.03000	6.1428	0.37422	0.13344	9	0.01	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	6.4150	0.09000	6.1428	0.37422	0.13344	9	0.73	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	6.4700	0.08000	6.1428	0.37422	0.13344	9	0.87	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	7.9750	0.11000	6.1428	0.37422	0.13344	9	4.90	15%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0961	5.5900	1.0800			1.0800	1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	6.6300	0.62000	7.4611	0.78579	0.16540	5	-1.06	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	6.7045	0.02700	7.4611	0.78579	0.16540	5	-0.96	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.9000	0.08000	7.4611	0.78579	0.16540	5	-0.71	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	7.9000	0.00000	7.4611	0.78579	0.16540	5	0.56	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	8.3400	0.10000	7.4611	0.78579	0.16540	5	1.12	6%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	166.17	3.3240	186.60	14.501	6.4748	5	-1.41	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	184.00	8.0000	186.60	14.501	6.4748	5	-0.18	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	185.35	8.0500	186.60	14.501	6.4748	5	-0.09	0%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	191.00	4.0000	186.60	14.501	6.4748	5	0.30	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	206.50	9.0000	186.60	14.501	6.4748	5	1.37	5%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	168.35	1.7000			1.7000	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	127.50	17.000	151.79	19.673	6.1187	6	-1.23	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	142.50	3.0000	151.79	19.673	6.1187	6	-0.47	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	147.75	4.7120	151.79	19.673	6.1187	6	-0.21	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	150.00	0.00000	151.79	19.673	6.1187	6	-0.09	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	167.50	9.0000	151.79	19.673	6.1187	6	0.80	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	175.50	3.0000	151.79	19.673	6.1187	6	1.21	8%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	186.50	19.000			19.000	1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	7.6400	0.58000			0.65000	2			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	8.8400	0.72000			0.65000	2			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	7.0600	0.10000	7.3010	0.27318	0.29320	5	-0.88	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	7.1088	0.77600	7.3010	0.27318	0.29320	5	-0.70	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	7.3850	0.25000	7.3010	0.27318	0.29320	5	0.31	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2055	7.6500	0.30000	7.3010	0.27318	0.29320	5	1.28	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	12.520	0.04000	7.3010	0.27318	0.29320	5	19.10	36%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	6.2770	3.0285	8.0874	1.9317	1.7794	6	-0.94	11%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	6.6900	0.38000	8.0874	1.9317	1.7794	6	-0.72	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	7.2450	0.51000	8.0874	1.9317	1.7794	6	-0.44	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	8.0000	0.00000	8.0874	1.9317	1.7794	6	-0.05	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	11.000	0.00000	8.0874	1.9317	1.7794	6	1.51	18%	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			
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0508	14.630	6.7580	8.0874	1.9317	1.7794	6	<b>3.39</b>	40%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	1.0000	2.0000	8.0874	1.9317	1.7794	6	<b>-3.67</b>	44%	4
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.6650	0.01000	1.7883	0.04729	0.02526	16	<b>-2.61</b>	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.7350	0.00010	1.7883	0.04729	0.02526	16	<b>-1.13</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.7550	0.01000	1.7883	0.04729	0.02526	16	<b>-0.70</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.7575	0.01510	1.7883	0.04729	0.02526	16	<b>-0.65</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.7580	0.03000	1.7883	0.04729	0.02526	16	<b>-0.64</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	1.7634	0.03040	1.7883	0.04729	0.02526	16	<b>-0.53</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.7650	0.01000	1.7883	0.04729	0.02526	16	<b>-0.49</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.7650	0.01000	1.7883	0.04729	0.02526	16	<b>-0.49</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	1.7950	0.01000	1.7883	0.04729	0.02526	16	<b>0.14</b>	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.8013	0.08860	1.7883	0.04729	0.02526	16	<b>0.28</b>	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.8150	0.05000	1.7883	0.04729	0.02526	16	<b>0.56</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.8200	0.00000	1.7883	0.04729	0.02526	16	<b>0.67</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.8250	0.03000	1.7883	0.04729	0.02526	16	<b>0.78</b>	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	1.8600	0.04000	1.7883	0.04729	0.02526	16	<b>1.52</b>	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.8850	0.01000	1.7883	0.04729	0.02526	16	<b>2.04</b>	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.9600	0.06000	1.7883	0.04729	0.02526	16	<b>3.63</b>	5%	0
019.02	Calcium, Hach Method (%)	0536	1.6350	0.03000			0.03000	1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.8507	0.00940			0.00940	1			0
019.08	Calcium, EDTA (%)	0138	1.7010	0.09200	1.7441	0.03945	0.03147	9	<b>-1.09</b>	1%	0
019.08	Calcium, EDTA (%)	0629	1.7050	0.01000	1.7441	0.03945	0.03147	9	<b>-0.99</b>	1%	0
019.08	Calcium, EDTA (%)	0885	1.7058	0.00210	1.7441	0.03945	0.03147	9	<b>-0.97</b>	1%	0
019.08	Calcium, EDTA (%)	0590	1.7200	0.02000	1.7441	0.03945	0.03147	9	<b>-0.61</b>	1%	0
019.08	Calcium, EDTA (%)	0940	1.7600	0.02000	1.7441	0.03945	0.03147	9	<b>0.40</b>	0%	0
019.08	Calcium, EDTA (%)	0689	1.7650	0.09000	1.7441	0.03945	0.03147	9	<b>0.53</b>	1%	0
019.08	Calcium, EDTA (%)	2086	1.7750	0.03000	1.7441	0.03945	0.03147	9	<b>0.78</b>	1%	0
019.08	Calcium, EDTA (%)	0849	1.7775	0.01500	1.7441	0.03945	0.03147	9	<b>0.85</b>	1%	0
019.08	Calcium, EDTA (%)	2009	1.7854	0.00410	1.7441	0.03945	0.03147	9	<b>1.04</b>	1%	0
019.08	Calcium, EDTA (%)	0852	3.6500	0.30000	1.7441	0.03945	0.03147	9	<b>48.31</b>	55%	2
019.09	Calcium, Ion-selective electrode (%)	2006	1.6080	0.02200			0.02200	1			0
019.31	Calcium, AAS, Dry ash (%)	0689	1.6000	0.00000	1.7459	0.03643	0.02139	21	<b>-4.01</b>	4%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.6290	0.03200	1.7459	0.03643	0.02139	21	<b>-3.21</b>	3%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.6750	0.03000	1.7459	0.03643	0.02139	21	<b>-1.95</b>	2%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.7000	0.10000	1.7459	0.03643	0.02139	21	<b>-1.26</b>	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.7100	0.02000	1.7459	0.03643	0.02139	21	<b>-0.99</b>	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.7250	0.03000	1.7459	0.03643	0.02139	21	<b>-0.57</b>	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.7396	0.01780	1.7459	0.03643	0.02139	21	<b>-0.17</b>	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.7400	0.02000	1.7459	0.03643	0.02139	21	<b>-0.16</b>	0%	0
019.31	Calcium, AAS, Dry ash (%)	0178	1.7415	0.00100	1.7459	0.03643	0.02139	21	<b>-0.12</b>	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.7475	0.04500	1.7459	0.03643	0.02139	21	<b>0.04</b>	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.7482	0.00000	1.7459	0.03643	0.02139	21	<b>0.06</b>	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			
019.31	Calcium, AAS, Dry ash (%)	0066	1.7550	0.03000	1.7459	0.03643	0.02139	21	0.25	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.7550	0.03000	1.7459	0.03643	0.02139	21	0.25	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.7550	0.03000	1.7459	0.03643	0.02139	21	0.25	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.7650	0.01000	1.7459	0.03643	0.02139	21	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.7650	0.01000	1.7459	0.03643	0.02139	21	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.7750	0.01000	1.7459	0.03643	0.02139	21	0.80	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.7761	0.02190	1.7459	0.03643	0.02139	21	0.83	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.7800	0.00000	1.7459	0.03643	0.02139	21	0.94	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.7970	0.00400	1.7459	0.03643	0.02139	21	1.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.8026	0.00750	1.7459	0.03643	0.02139	21	1.55	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.8200	0.12000	1.7459	0.03643	0.02139	21	2.03	2%	1
019.31	Calcium, AAS, Dry ash (%)	0921	0.16700	0.00000	1.7459	0.03643	0.02139	21	-43.34	45%	2
019.32	Calcium, AAS, Open vessel (%)	0035	1.7010	0.01600	1.7760	0.07533	0.02270	4	-0.99	2%	0
019.32	Calcium, AAS, Open vessel (%)	0263	1.7278	0.00480	1.7760	0.07533	0.02270	4	-0.64	1%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.8100	0.02000	1.7760	0.07533	0.02270	4	0.45	1%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.8650	0.05000	1.7760	0.07533	0.02270	4	1.18	3%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.5700	0.00000	1.7805	0.06235	0.02766	32	-3.38	6%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.5900	0.04000	1.7805	0.06235	0.02766	32	-3.05	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.6100	0.02000	1.7805	0.06235	0.02766	32	-2.73	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.6200	0.04000	1.7805	0.06235	0.02766	32	-2.57	5%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.6565	0.00900	1.7805	0.06235	0.02766	32	-1.99	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.6865	0.00240	1.7805	0.06235	0.02766	32	-1.51	3%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.6950	0.01000	1.7805	0.06235	0.02766	32	-1.37	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.7320	0.01800	1.7805	0.06235	0.02766	32	-0.78	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.7400	0.02000	1.7805	0.06235	0.02766	32	-0.65	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	1.7500	0.06000	1.7805	0.06235	0.02766	32	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.7550	0.09000	1.7805	0.06235	0.02766	32	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.7600	0.02000	1.7805	0.06235	0.02766	32	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.7600	0.12000	1.7805	0.06235	0.02766	32	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.7645	0.00300	1.7805	0.06235	0.02766	32	-0.26	0%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.7700	0.02000	1.7805	0.06235	0.02766	32	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.7820	0.01400	1.7805	0.06235	0.02766	32	0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.7950	0.01000	1.7805	0.06235	0.02766	32	0.23	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.8000	0.02000	1.7805	0.06235	0.02766	32	0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.8000	0.02000	1.7805	0.06235	0.02766	32	0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.8000	0.00000	1.7805	0.06235	0.02766	32	0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.8008	0.02310	1.7805	0.06235	0.02766	32	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.8050	0.07000	1.7805	0.06235	0.02766	32	0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.8050	0.03000	1.7805	0.06235	0.02766	32	0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.8095	0.00500	1.7805	0.06235	0.02766	32	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.8250	0.01000	1.7805	0.06235	0.02766	32	0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.8250	0.07000	1.7805	0.06235	0.02766	32	0.71	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	
019.41	Calcium, ICP, Dry ash (%)	0003	1.8300	0.04000	1.7805	0.06235	0.02766	32	0.79	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.8550	0.03000	1.7805	0.06235	0.02766	32	1.20	2%	0
019.41	Calcium, ICP, Dry ash (%)	0425	1.8650	0.03000	1.7805	0.06235	0.02766	32	1.36	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.8671	0.01860	1.7805	0.06235	0.02766	32	1.39	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.8790	0.01200	1.7805	0.06235	0.02766	32	1.58	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.9750	0.01000	1.7805	0.06235	0.02766	32	3.12	5%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.7800	0.20000	1.7805	0.06235	0.02766	32	-0.01	0%	1
019.42	Calcium, ICP, Open vessel (%)	0026	1.3450	0.05000	1.8055	0.10138	0.04441	25	-4.54	13%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.6545	0.01500	1.8055	0.10138	0.04441	25	-1.49	4%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.6700	0.04000	1.8055	0.10138	0.04441	25	-1.34	4%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.7050	0.02400	1.8055	0.10138	0.04441	25	-0.99	3%	0
019.42	Calcium, ICP, Open vessel (%)	2055	1.7285	0.01500	1.8055	0.10138	0.04441	25	-0.76	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.7350	0.09000	1.8055	0.10138	0.04441	25	-0.70	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.7400	0.00200	1.8055	0.10138	0.04441	25	-0.65	2%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.7433	0.03340	1.8055	0.10138	0.04441	25	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	2051	1.7500	0.10000	1.8055	0.10138	0.04441	25	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.7750	0.05000	1.8055	0.10138	0.04441	25	-0.30	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.7901	0.02380	1.8055	0.10138	0.04441	25	-0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.7915	0.02500	1.8055	0.10138	0.04441	25	-0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.8000	0.10000	1.8055	0.10138	0.04441	25	-0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.8150	0.11000	1.8055	0.10138	0.04441	25	0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.8200	0.02000	1.8055	0.10138	0.04441	25	0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.8500	0.12000	1.8055	0.10138	0.04441	25	0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.8550	0.03000	1.8055	0.10138	0.04441	25	0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.8850	0.03000	1.8055	0.10138	0.04441	25	0.78	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.8850	0.05000	1.8055	0.10138	0.04441	25	0.78	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.8900	0.06000	1.8055	0.10138	0.04441	25	0.83	2%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.8910	0.00200	1.8055	0.10138	0.04441	25	0.84	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.9000	0.02000	1.8055	0.10138	0.04441	25	0.93	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.9050	0.03000	1.8055	0.10138	0.04441	25	0.98	3%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.9500	0.06000	1.8055	0.10138	0.04441	25	1.43	4%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.9550	0.01000	1.8055	0.10138	0.04441	25	1.47	4%	0
019.43	Calcium, ICP, Microwave (%)	2052	1.5810	0.06600	1.8051	0.15206	0.03787	17	-1.47	6%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.6318	0.00350	1.8051	0.15206	0.03787	17	-1.14	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.6400	0.00000	1.8051	0.15206	0.03787	17	-1.09	5%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.6450	0.00000	1.8051	0.15206	0.03787	17	-1.05	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.6850	0.09000	1.8051	0.15206	0.03787	17	-0.79	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.7600	0.06000	1.8051	0.15206	0.03787	17	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.7630	0.02400	1.8051	0.15206	0.03787	17	-0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.7950	0.01000	1.8051	0.15206	0.03787	17	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.8296	0.02830	1.8051	0.15206	0.03787	17	0.16	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.8350	0.05000	1.8051	0.15206	0.03787	17	0.20	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			
019.43	Calcium, ICP, Microwave (%)	0968	1.8365	0.00100	1.8051	0.15206	0.03787	17	0.21	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.8615	0.01300	1.8051	0.15206	0.03787	17	0.37	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.9350	0.01000	1.8051	0.15206	0.03787	17	0.85	4%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.9430	0.02400	1.8051	0.15206	0.03787	17	0.91	4%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.9548	0.04050	1.8051	0.15206	0.03787	17	0.98	4%	0
019.43	Calcium, ICP, Microwave (%)	0508	1.9903	0.14350	1.8051	0.15206	0.03787	17	1.22	5%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.0000	0.08000	1.8051	0.15206	0.03787	17	1.28	5%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.7600	0.06000			0.06000	1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.7146	0.05510			0.05510	1			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.6450	0.01000	1.8003	0.14093	0.08133	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0034	1.8360	0.07400	1.8003	0.14093	0.08133	3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.9200	0.16000	1.8003	0.14093	0.08133	3			0
019.99	Calcium, Miscellaneous (%)	0889	1.6900	0.06000	1.8613	0.16943	0.06750	4	-1.01	5%	0
019.99	Calcium, Miscellaneous (%)	0242	1.7500	0.00000	1.8613	0.16943	0.06750	4	-0.66	3%	0
019.99	Calcium, Miscellaneous (%)	0100	1.9550	0.11000	1.8613	0.16943	0.06750	4	0.55	3%	0
019.99	Calcium, Miscellaneous (%)	0852	2.0500	0.10000	1.8613	0.16943	0.06750	4	1.11	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.7350	0.27000	2.0963	0.24878	0.32750	4	-1.45	9%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	2.1500	0.04000	2.0963	0.24878	0.32750	4	0.22	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	2.2000	0.60000	2.0963	0.24878	0.32750	4	0.42	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	2.3000	0.40000	2.0963	0.24878	0.32750	4	0.82	5%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.6000	0.00000			0.03325	2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.7393	0.06650			0.03325	2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2051	0.23500	0.01000	0.82483	0.66115	0.06288	4	-0.89	36%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2055	0.70000	0.00000	0.82483	0.66115	0.06288	4	-0.19	8%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.91245	0.22050	0.82483	0.66115	0.06288	4	0.13	5%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.5395	0.02100	0.82483	0.66115	0.06288	4	1.08	43%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.2300	0.12000	1.4891	0.19575	0.05644	5	-1.32	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.3950	0.03000	1.4891	0.19575	0.05644	5	-0.48	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	1.4857	0.02220	1.4891	0.19575	0.05644	5	-0.02	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.5850	0.01000	1.4891	0.19575	0.05644	5	0.49	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.7500	0.10000	1.4891	0.19575	0.05644	5	1.33	9%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.64000	0.10000	0.91667	0.42004	0.10000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.71000	0.00000	0.91667	0.42004	0.10000	3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0366	1.4000	0.20000	0.91667	0.42004	0.10000	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.59050	0.00900	0.78695	0.24821	0.03110	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.70445	0.01530	0.78695	0.24821	0.03110	3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	1.0659	0.06900	0.78695	0.24821	0.03110	3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	13.080	2.4000	16.110	1.5296	0.60692	13	-1.98	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	14.650	0.50000	16.110	1.5296	0.60692	13	-0.95	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	15.000	0.00000	16.110	1.5296	0.60692	13	-0.73	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	15.015	0.05000	16.110	1.5296	0.60692	13	-0.72	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	15.500	0.20000	16.110	1.5296	0.60692	13	-0.40	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	15.905	0.07000	16.110	1.5296	0.60692	13	-0.13	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	16.000	0.40000	16.110	1.5296	0.60692	13	-0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	16.000	0.00000	16.110	1.5296	0.60692	13	-0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	16.450	0.10000	16.110	1.5296	0.60692	13	0.22	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	17.395	0.65000	16.110	1.5296	0.60692	13	0.84	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	17.645	2.6700	16.110	1.5296	0.60692	13	1.00	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	17.835	0.35000	16.110	1.5296	0.60692	13	1.13	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	18.750	0.50000	16.110	1.5296	0.60692	13	1.73	8%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	17.830	0.44000	20.443	2.8609	1.1467	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	20.000	0.00000	20.443	2.8609	1.1467	3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	23.500	3.0000	20.443	2.8609	1.1467	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	16.910	0.36000			0.36000	1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	13.000	0.00000	16.509	1.6160	0.97052	25	-2.17	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	14.425	0.01000	16.509	1.6160	0.97052	25	-1.29	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	14.500	1.0000	16.509	1.6160	0.97052	25	-1.24	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	15.000	2.0000	16.509	1.6160	0.97052	25	-0.93	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	15.000	2.0000	16.509	1.6160	0.97052	25	-0.93	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	15.260	0.08000	16.509	1.6160	0.97052	25	-0.77	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	15.500	0.80000	16.509	1.6160	0.97052	25	-0.62	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	15.520	0.86000	16.509	1.6160	0.97052	25	-0.61	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	16.025	0.19000	16.509	1.6160	0.97052	25	-0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	16.070	1.7400	16.509	1.6160	0.97052	25	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	16.080	0.53000	16.509	1.6160	0.97052	25	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	16.465	0.75000	16.509	1.6160	0.97052	25	-0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	16.500	1.0000	16.509	1.6160	0.97052	25	-0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	16.500	1.0000	16.509	1.6160	0.97052	25	-0.01	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	16.505	0.43300	16.509	1.6160	0.97052	25	0.00	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	16.740	0.06000	16.509	1.6160	0.97052	25	0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	17.000	0.00000	16.509	1.6160	0.97052	25	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	17.050	0.30000	16.509	1.6160	0.97052	25	0.33	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	17.805	0.53000	16.509	1.6160	0.97052	25	0.80	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	17.895	0.35000	16.509	1.6160	0.97052	25	0.86	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	18.200	0.00000	16.509	1.6160	0.97052	25	1.05	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	18.240	3.0800	16.509	1.6160	0.97052	25	1.07	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	18.500	1.0000	16.509	1.6160	0.97052	25	1.23	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	19.185	4.8500	16.509	1.6160	0.97052	25	1.66	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	21.350	1.7000	16.509	1.6160	0.97052	25	3.00	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	18.350	5.6200	16.509	1.6160	0.97052	25	1.14	6%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.00095	0.00010	16.969	1.0032	0.57373	20	-16.91	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	15.000	1.4000	16.969	1.0032	0.57373	20	-1.96	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	16.000	2.0000	16.969	1.0032	0.57373	20	-0.97	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	16.000	0.00000	16.969	1.0032	0.57373	20	-0.97	3%	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			
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	16.300	0.60000	16.969	1.0032	0.57373	20	-0.67	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	16.300	0.40000	16.969	1.0032	0.57373	20	-0.67	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	16.450	0.10000	16.969	1.0032	0.57373	20	-0.52	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	16.585	2.4500	16.969	1.0032	0.57373	20	-0.38	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	16.750	0.02000	16.969	1.0032	0.57373	20	-0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	17.000	0.00000	16.969	1.0032	0.57373	20	0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	17.042	0.37440	16.969	1.0032	0.57373	20	0.07	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2051	17.250	0.90000	16.969	1.0032	0.57373	20	0.28	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	17.475	0.99000	16.969	1.0032	0.57373	20	0.50	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	17.520	0.24000	16.969	1.0032	0.57373	20	0.55	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	17.550	0.10000	16.969	1.0032	0.57373	20	0.58	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	17.700	0.60000	16.969	1.0032	0.57373	20	0.73	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	17.935	0.23000	16.969	1.0032	0.57373	20	0.96	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	18.000	0.00000	16.969	1.0032	0.57373	20	1.03	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	18.120	0.24000	16.969	1.0032	0.57373	20	1.15	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	25.885	0.83000	16.969	1.0032	0.57373	20	8.89	26%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	13.750	0.30000	16.498	1.2406	0.60119	15	-2.22	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	15.000	0.00000	16.498	1.2406	0.60119	15	-1.21	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	15.450	0.70000	16.498	1.2406	0.60119	15	-0.84	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	15.740	0.26000	16.498	1.2406	0.60119	15	-0.61	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	16.000	0.00000	16.498	1.2406	0.60119	15	-0.40	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	16.000	0.00000	16.498	1.2406	0.60119	15	-0.40	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	16.000	0.00000	16.498	1.2406	0.60119	15	-0.40	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	16.236	0.65300	16.498	1.2406	0.60119	15	-0.21	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	16.650	0.00000	16.498	1.2406	0.60119	15	0.12	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	17.050	1.3000	16.498	1.2406	0.60119	15	0.44	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2052	17.250	0.90000	16.498	1.2406	0.60119	15	0.61	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	17.505	0.05080	16.498	1.2406	0.60119	15	0.81	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	17.860	2.4940	16.498	1.2406	0.60119	15	1.10	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	18.410	0.36000	16.498	1.2406	0.60119	15	1.54	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	23.000	2.0000	16.498	1.2406	0.60119	15	5.24	20%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	14.750	0.50000			0.50000	1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	16.500	3.0000			3.0000	1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	16.000	1.4000			0.80000	2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	16.400	0.20000			0.80000	2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	15.000	0.00000			0.50000	2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	16.500	1.0000			0.50000	2			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	11.650	0.90000			0.90000	1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	0.75000	0.10000			0.10000	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	297.00	0.00000	411.74	33.189	6.9635	17	-3.46	14%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	370.00	4.0000	411.74	33.189	6.9635	17	-1.26	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0653	381.25	0.30000	411.74	33.189	6.9635	17	-0.92	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			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	385.00	10.000	411.74	33.189	6.9635	17	-0.81	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	388.50	5.0000	411.74	33.189	6.9635	17	-0.70	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	395.00	10.000	411.74	33.189	6.9635	17	-0.50	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	400.50	11.000	411.74	33.189	6.9635	17	-0.34	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	401.90	7.8400	411.74	33.189	6.9635	17	-0.30	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	405.00	2.0000	411.74	33.189	6.9635	17	-0.20	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	423.50	1.0000	411.74	33.189	6.9635	17	0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	426.89	7.5700	411.74	33.189	6.9635	17	0.46	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	430.70	4.9700	411.74	33.189	6.9635	17	0.57	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	440.00	0.00000	411.74	33.189	6.9635	17	0.85	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0178	441.55	4.5000	411.74	33.189	6.9635	17	0.90	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	445.00	22.000	411.74	33.189	6.9635	17	1.00	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	445.00	18.000	411.74	33.189	6.9635	17	1.00	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	471.30	10.200	411.74	33.189	6.9635	17	1.79	7%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	311.00	60.000			33.850	2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	344.55	7.7000			33.850	2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	467.43	7.8600			7.8600	1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	255.01	7.0100	394.83	24.664	11.971	26	-5.67	18%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	266.00	4.0000	394.83	24.664	11.971	26	-5.22	16%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	338.00	6.0000	394.83	24.664	11.971	26	-2.30	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	348.92	18.430	394.83	24.664	11.971	26	-1.86	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	371.62	1.0650	394.83	24.664	11.971	26	-0.94	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	382.50	9.0000	394.83	24.664	11.971	26	-0.50	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	384.27	12.220	394.83	24.664	11.971	26	-0.43	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	384.95	0.10000	394.83	24.664	11.971	26	-0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	385.00	2.0000	394.83	24.664	11.971	26	-0.40	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	386.50	9.0000	394.83	24.664	11.971	26	-0.34	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	387.07	6.8100	394.83	24.664	11.971	26	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	390.50	25.000	394.83	24.664	11.971	26	-0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	391.50	5.0000	394.83	24.664	11.971	26	-0.14	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	396.00	6.0000	394.83	24.664	11.971	26	0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	397.40	32.200	394.83	24.664	11.971	26	0.10	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	400.66	8.3480	394.83	24.664	11.971	26	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	401.00	10.000	394.83	24.664	11.971	26	0.25	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	407.98	17.190	394.83	24.664	11.971	26	0.53	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	410.08	0.00000	394.83	24.664	11.971	26	0.62	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	410.70	10.400	394.83	24.664	11.971	26	0.64	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	413.00	8.0000	394.83	24.664	11.971	26	0.74	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	417.39	26.880	394.83	24.664	11.971	26	0.91	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	426.00	24.000	394.83	24.664	11.971	26	1.26	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	427.30	1.6000	394.83	24.664	11.971	26	1.32	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	427.50	43.000	394.83	24.664	11.971	26	1.32	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			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	430.00	18.000	394.83	24.664	11.971	26	1.43	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	0.03200	0.00200	351.33	48.460	17.779	19	-7.25	50%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2051	172.00	5.4000	351.33	48.460	17.779	19	-3.70	26%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	293.75	4.9000	351.33	48.460	17.779	19	-1.19	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	296.00	8.0000	351.33	48.460	17.779	19	-1.14	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	327.00	26.000	351.33	48.460	17.779	19	-0.50	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	337.00	0.00000	351.33	48.460	17.779	19	-0.30	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	337.55	7.1000	351.33	48.460	17.779	19	-0.28	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	346.35	0.70000	351.33	48.460	17.779	19	-0.10	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	348.59	3.7700	351.33	48.460	17.779	19	-0.06	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	350.95	77.110	351.33	48.460	17.779	19	-0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	351.00	14.000	351.33	48.460	17.779	19	-0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	360.00	50.000	351.33	48.460	17.779	19	0.18	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	360.00	24.000	351.33	48.460	17.779	19	0.18	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	382.01	1.3800	351.33	48.460	17.779	19	0.63	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	383.50	77.000	351.33	48.460	17.779	19	0.66	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	403.60	6.4000	351.33	48.460	17.779	19	1.08	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	404.50	13.000	351.33	48.460	17.779	19	1.10	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	409.72	17.030	351.33	48.460	17.779	19	1.20	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	445.00	2.0000	351.33	48.460	17.779	19	1.93	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	315.50	7.0000	388.85	31.995	8.9575	14	-2.29	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	334.50	7.0000	388.85	31.995	8.9575	14	-1.70	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	360.50	1.0000	388.85	31.995	8.9575	14	-0.89	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	369.50	3.0000	388.85	31.995	8.9575	14	-0.60	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	383.71	24.370	388.85	31.995	8.9575	14	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	383.88	16.730	388.85	31.995	8.9575	14	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	386.00	0.00000	388.85	31.995	8.9575	14	-0.09	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	394.00	10.000	388.85	31.995	8.9575	14	0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	395.50	5.0000	388.85	31.995	8.9575	14	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2052	405.50	13.000	388.85	31.995	8.9575	14	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	413.15	3.9000	388.85	31.995	8.9575	14	0.76	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	413.83	12.750	388.85	31.995	8.9575	14	0.78	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	423.40	9.6550	388.85	31.995	8.9575	14	1.08	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	432.00	12.000	388.85	31.995	8.9575	14	1.35	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	354.00	54.000	388.85	31.995	8.9575	14	-1.09	4%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	275.00	24.000			22.135	2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	375.20	20.270			22.135	2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	395.50	53.000			53.000	1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	342.50	7.0000			7.0000	2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	345.50	7.0000			7.0000	2			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.27000	0.00000	0.37211	0.01201	0.00933	17	-8.50	14%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.35500	0.01000	0.37211	0.01201	0.00933	17	-1.42	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.31	Magnesium, AAS, Dry ash (%)	0563	0.36010	0.00640	0.37211	0.01201	0.00933	17	-1.00	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.36175	0.00630	0.37211	0.01201	0.00933	17	-0.86	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.36800	0.02200	0.37211	0.01201	0.00933	17	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.37000	0.02000	0.37211	0.01201	0.00933	17	-0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.37000	0.00000	0.37211	0.01201	0.00933	17	-0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.37000	0.02000	0.37211	0.01201	0.00933	17	-0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.37065	0.00370	0.37211	0.01201	0.00933	17	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.37150	0.00100	0.37211	0.01201	0.00933	17	-0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.37500	0.01000	0.37211	0.01201	0.00933	17	0.24	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.37700	0.01200	0.37211	0.01201	0.00933	17	0.41	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.37900	0.00800	0.37211	0.01201	0.00933	17	0.57	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.38105	0.01570	0.37211	0.01201	0.00933	17	0.74	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.38430	0.02020	0.37211	0.01201	0.00933	17	1.01	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.39000	0.00000	0.37211	0.01201	0.00933	17	1.49	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.39385	0.00330	0.37211	0.01201	0.00933	17	1.81	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.36250	0.00100	0.37280	0.01277	0.00350	4	-0.81	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.36370	0.00300	0.37280	0.01277	0.00350	4	-0.71	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.37500	0.01000	0.37280	0.01277	0.00350	4	0.17	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.39000	0.00000	0.37280	0.01277	0.00350	4	1.35	2%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.39500	0.01000			0.01000	1			0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.34500	0.01000	0.37763	0.01226	0.00806	28	-2.66	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.35000	0.00000	0.37763	0.01226	0.00806	28	-2.25	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.35000	0.00800	0.37763	0.01226	0.00806	28	-2.25	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.36340	0.00200	0.37763	0.01226	0.00806	28	-1.16	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.36500	0.01000	0.37763	0.01226	0.00806	28	-1.03	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.36800	0.00100	0.37763	0.01226	0.00806	28	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.36930	0.00420	0.37763	0.01226	0.00806	28	-0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.37000	0.00000	0.37763	0.01226	0.00806	28	-0.62	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.37200	0.00400	0.37763	0.01226	0.00806	28	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.37450	0.00500	0.37763	0.01226	0.00806	28	-0.26	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.37500	0.01000	0.37763	0.01226	0.00806	28	-0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.37500	0.00200	0.37763	0.01226	0.00806	28	-0.21	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.37745	0.00190	0.37763	0.01226	0.00806	28	-0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.38000	0.00000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.38000	0.02000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.38000	0.00000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.38000	0.02000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.38000	0.00000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.38000	0.00000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.38000	0.02000	0.37763	0.01226	0.00806	28	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.38035	0.00430	0.37763	0.01226	0.00806	28	0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.38500	0.03000	0.37763	0.01226	0.00806	28	0.60	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	
027.41	Magnesium, ICP, Dry ash (%)	0083	0.39000	0.02000	0.37763	0.01226	0.00806	28	1.01	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.39070	0.00720	0.37763	0.01226	0.00806	28	1.07	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.39100	0.00600	0.37763	0.01226	0.00806	28	1.09	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.39500	0.01000	0.37763	0.01226	0.00806	28	1.42	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.40500	0.03000	0.37763	0.01226	0.00806	28	2.23	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.42000	0.00000	0.37763	0.01226	0.00806	28	3.46	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2055	0.34140	0.00380	0.38204	0.02051	0.00938	23	-1.98	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.34700	0.00400	0.38204	0.02051	0.00938	23	-1.71	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.36415	0.01170	0.38204	0.02051	0.00938	23	-0.87	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.36455	0.00510	0.38204	0.02051	0.00938	23	-0.85	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.36500	0.01000	0.38204	0.02051	0.00938	23	-0.83	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.36775	0.00710	0.38204	0.02051	0.00938	23	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.37000	0.02000	0.38204	0.02051	0.00938	23	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.37000	0.00400	0.38204	0.02051	0.00938	23	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2051	0.37000	0.02000	0.38204	0.02051	0.00938	23	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.38000	0.00000	0.38204	0.02051	0.00938	23	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.38000	0.00000	0.38204	0.02051	0.00938	23	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.38000	0.02000	0.38204	0.02051	0.00938	23	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.38500	0.01000	0.38204	0.02051	0.00938	23	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.38500	0.03000	0.38204	0.02051	0.00938	23	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.38555	0.00530	0.38204	0.02051	0.00938	23	0.17	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.39000	0.00000	0.38204	0.02051	0.00938	23	0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.39335	0.00090	0.38204	0.02051	0.00938	23	0.55	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.39500	0.01000	0.38204	0.02051	0.00938	23	0.63	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.40500	0.01000	0.38204	0.02051	0.00938	23	1.12	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.40500	0.01000	0.38204	0.02051	0.00938	23	1.12	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.41950	0.02100	0.38204	0.02051	0.00938	23	1.83	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.41990	0.00360	0.38204	0.02051	0.00938	23	1.85	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.42640	0.00920	0.38204	0.02051	0.00938	23	2.16	6%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.34250	0.00700	0.38084	0.02596	0.00395	15	-1.48	5%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.34850	0.00700	0.38084	0.02596	0.00395	15	-1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.35000	0.00000	0.38084	0.02596	0.00395	15	-1.19	4%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.36650	0.00300	0.38084	0.02596	0.00395	15	-0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.37000	0.00000	0.38084	0.02596	0.00395	15	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.37000	0.00200	0.38084	0.02596	0.00395	15	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	2052	0.37400	0.01200	0.38084	0.02596	0.00395	15	-0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.38000	0.00000	0.38084	0.02596	0.00395	15	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.38850	0.00200	0.38084	0.02596	0.00395	15	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.39595	0.00430	0.38084	0.02596	0.00395	15	0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.39940	0.00200	0.38084	0.02596	0.00395	15	0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.40200	0.00000	0.38084	0.02596	0.00395	15	0.81	3%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.40450	0.00700	0.38084	0.02596	0.00395	15	0.91	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			
027.43	Magnesium, ICP, Microwave (%)	0098	0.41000	0.00000	0.38084	0.02596	0.00395	15	1.12	4%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.41075	0.01290	0.38084	0.02596	0.00395	15	1.15	4%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.35850	0.00700			0.00700	1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.36105	0.00870			0.00870	1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.38850	0.00300	0.39805	0.00933	0.02477	3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.39850	0.04300	0.39805	0.00933	0.02477	3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0034	0.40715	0.02830	0.39805	0.00933	0.02477	3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.38000	0.00000	0.41000	0.02646	0.05333	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.42000	0.02000	0.41000	0.02646	0.05333	3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.43000	0.14000	0.41000	0.02646	0.05333	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	52.115	0.83000	68.841	2.0043	1.2117	13	-8.35	12%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	65.625	0.25000	68.841	2.0043	1.2117	13	-1.60	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	66.450	0.30000	68.841	2.0043	1.2117	13	-1.19	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	67.800	3.0000	68.841	2.0043	1.2117	13	-0.52	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	68.500	1.0000	68.841	2.0043	1.2117	13	-0.17	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	68.760	0.56000	68.841	2.0043	1.2117	13	-0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	68.950	0.50000	68.841	2.0043	1.2117	13	0.05	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	69.000	0.00000	68.841	2.0043	1.2117	13	0.08	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	69.145	1.4100	68.841	2.0043	1.2117	13	0.15	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	69.968	0.49250	68.841	2.0043	1.2117	13	0.56	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	70.555	0.65000	68.841	2.0043	1.2117	13	0.86	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	73.000	6.0000	68.841	2.0043	1.2117	13	2.08	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	73.290	0.76000	68.841	2.0043	1.2117	13	2.22	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	74.850	8.1000	68.841	2.0043	1.2117	13	3.00	4%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	71.460	0.50000	74.653	4.6595	5.1667	3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	72.500	7.0000	74.653	4.6595	5.1667	3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	80.000	8.0000	74.653	4.6595	5.1667	3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	78.310	3.2800			3.2800	1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	59.500	5.0000	68.530	3.3766	1.4193	24	-2.67	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	63.055	2.2500	68.530	3.3766	1.4193	24	-1.62	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	65.000	2.0000	68.530	3.3766	1.4193	24	-1.05	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	65.850	0.90000	68.530	3.3766	1.4193	24	-0.79	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	66.000	0.00000	68.530	3.3766	1.4193	24	-0.75	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	66.000	2.0000	68.530	3.3766	1.4193	24	-0.75	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	66.160	1.5600	68.530	3.3766	1.4193	24	-0.70	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	66.750	0.30000	68.530	3.3766	1.4193	24	-0.53	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	66.778	0.89500	68.530	3.3766	1.4193	24	-0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	67.080	0.02000	68.530	3.3766	1.4193	24	-0.43	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	67.693	1.7679	68.530	3.3766	1.4193	24	-0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	68.080	1.1600	68.530	3.3766	1.4193	24	-0.13	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	68.270	3.4600	68.530	3.3766	1.4193	24	-0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	68.900	1.1000	68.530	3.3766	1.4193	24	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	69.080	1.3400	68.530	3.3766	1.4193	24	0.16	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	69.600	1.0200	68.530	3.3766	1.4193	24	0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	71.170	0.92000	68.530	3.3766	1.4193	24	0.78	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	71.300	0.00000	68.530	3.3766	1.4193	24	0.82	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	71.465	0.15000	68.530	3.3766	1.4193	24	0.87	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	72.000	0.00000	68.530	3.3766	1.4193	24	1.03	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	72.445	1.2700	68.530	3.3766	1.4193	24	1.16	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	72.485	1.9500	68.530	3.3766	1.4193	24	1.17	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	72.500	1.0000	68.530	3.3766	1.4193	24	1.18	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	84.000	4.0000	68.530	3.3766	1.4193	24	4.58	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	71.500	9.0000	68.530	3.3766	1.4193	24	0.88	2%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	56.260	0.78000	69.394	3.0805	2.2143	21	-4.26	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	61.600	6.0000	69.394	3.0805	2.2143	21	-2.53	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2051	64.500	2.8000	69.394	3.0805	2.2143	21	-1.59	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	67.000	0.00000	69.394	3.0805	2.2143	21	-0.78	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	67.500	1.0000	69.394	3.0805	2.2143	21	-0.61	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	67.545	2.8500	69.394	3.0805	2.2143	21	-0.60	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	68.490	1.0000	69.394	3.0805	2.2143	21	-0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	68.500	1.8000	69.394	3.0805	2.2143	21	-0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	68.500	3.0000	69.394	3.0805	2.2143	21	-0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	69.035	1.1100	69.394	3.0805	2.2143	21	-0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	69.118	2.5612	69.394	3.0805	2.2143	21	-0.09	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	69.450	2.3000	69.394	3.0805	2.2143	21	0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	69.500	5.0000	69.394	3.0805	2.2143	21	0.03	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	70.950	3.1000	69.394	3.0805	2.2143	21	0.51	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	71.020	0.16000	69.394	3.0805	2.2143	21	0.53	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	71.985	0.21000	69.394	3.0805	2.2143	21	0.84	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	72.000	10.000	69.394	3.0805	2.2143	21	0.85	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	72.500	1.0000	69.394	3.0805	2.2143	21	1.01	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	72.820	0.06000	69.394	3.0805	2.2143	21	1.11	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	76.330	1.3400	69.394	3.0805	2.2143	21	2.25	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	76.815	0.43000	69.394	3.0805	2.2143	21	2.41	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	74.700	11.800	69.394	3.0805	2.2143	21	1.72	4%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	0.00515	0.00030	69.394	3.0805	2.2143	21	-22.53	50%	2
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	56.850	0.90000	69.109	4.2352	1.0328	14	-2.89	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	62.000	0.00000	69.109	4.2352	1.0328	14	-1.68	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	63.500	1.0000	69.109	4.2352	1.0328	14	-1.32	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	66.500	1.0000	69.109	4.2352	1.0328	14	-0.62	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	68.000	0.00000	69.109	4.2352	1.0328	14	-0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2052	68.500	1.0000	69.109	4.2352	1.0328	14	-0.14	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	68.550	1.1000	69.109	4.2352	1.0328	14	-0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	69.574	0.43900	69.109	4.2352	1.0328	14	0.11	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			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	69.820	0.66000	69.109	4.2352	1.0328	14	0.17	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	71.019	2.4400	69.109	4.2352	1.0328	14	0.45	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	71.200	1.8000	69.109	4.2352	1.0328	14	0.49	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	74.279	1.3406	69.109	4.2352	1.0328	14	1.22	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	74.500	1.0000	69.109	4.2352	1.0328	14	1.27	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	74.520	1.7800	69.109	4.2352	1.0328	14	1.28	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	52.450	29.300	69.109	4.2352	1.0328	14	-3.93	12%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	67.600	1.0000			1.0000	1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	69.000	12.000			12.000	1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0034	68.706	2.4220	69.385	0.67212	3.8407	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	69.400	4.0000	69.385	0.67212	3.8407	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	70.050	5.1000	69.385	0.67212	3.8407	3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	67.500	1.0000			0.50000	2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	70.000	0.00000			0.50000	2			0
031.00	Phosphorus, Vol (%)	0895	0.89500	0.01000			0.01000	1			0
031.01	Phosphorus, Photometric (%)	0108	0.69000	0.04000	0.85835	0.02122	0.01494	48	-7.93	10%	0
031.01	Phosphorus, Photometric (%)	2086	0.72000	0.04000	0.85835	0.02122	0.01494	48	-6.52	8%	0
031.01	Phosphorus, Photometric (%)	0874	0.78990	0.02380	0.85835	0.02122	0.01494	48	-3.23	4%	0
031.01	Phosphorus, Photometric (%)	0609	0.79500	0.01000	0.85835	0.02122	0.01494	48	-2.99	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.81260	0.01900	0.85835	0.02122	0.01494	48	-2.16	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.81310	0.00120	0.85835	0.02122	0.01494	48	-2.13	3%	0
031.01	Phosphorus, Photometric (%)	0066	0.81500	0.01000	0.85835	0.02122	0.01494	48	-2.04	3%	0
031.01	Phosphorus, Photometric (%)	0529	0.83500	0.03000	0.85835	0.02122	0.01494	48	-1.10	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.83650	0.01700	0.85835	0.02122	0.01494	48	-1.03	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.83750	0.00500	0.85835	0.02122	0.01494	48	-0.98	1%	0
031.01	Phosphorus, Photometric (%)	0263	0.83860	0.00240	0.85835	0.02122	0.01494	48	-0.93	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.84000	0.00000	0.85835	0.02122	0.01494	48	-0.87	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.84500	0.03000	0.85835	0.02122	0.01494	48	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0646	0.84500	0.01000	0.85835	0.02122	0.01494	48	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.84950	0.00700	0.85835	0.02122	0.01494	48	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.85150	0.00100	0.85835	0.02122	0.01494	48	-0.32	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.85150	0.00500	0.85835	0.02122	0.01494	48	-0.32	0%	0
031.01	Phosphorus, Photometric (%)	0722	0.85365	0.00270	0.85835	0.02122	0.01494	48	-0.22	0%	0
031.01	Phosphorus, Photometric (%)	0903	0.85500	0.01000	0.85835	0.02122	0.01494	48	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	2031	0.85500	0.01000	0.85835	0.02122	0.01494	48	-0.16	0%	0
031.01	Phosphorus, Photometric (%)	0620	0.85535	0.01910	0.85835	0.02122	0.01494	48	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0178	0.86000	0.01000	0.85835	0.02122	0.01494	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.86000	0.00000	0.85835	0.02122	0.01494	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.86000	0.04000	0.85835	0.02122	0.01494	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.86000	0.06000	0.85835	0.02122	0.01494	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0937	0.86000	0.00000	0.85835	0.02122	0.01494	48	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.86070	0.00740	0.85835	0.02122	0.01494	48	0.11	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0035	0.86150	0.01300	0.85835	0.02122	0.01494	48	0.15	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.86500	0.00000	0.85835	0.02122	0.01494	48	0.31	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.86500	0.01000	0.85835	0.02122	0.01494	48	0.31	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.86550	0.02900	0.85835	0.02122	0.01494	48	0.34	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.86600	0.02400	0.85835	0.02122	0.01494	48	0.36	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.86620	0.00000	0.85835	0.02122	0.01494	48	0.37	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.87000	0.02000	0.85835	0.02122	0.01494	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.87000	0.02000	0.85835	0.02122	0.01494	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.87000	0.02000	0.85835	0.02122	0.01494	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.87000	0.02000	0.85835	0.02122	0.01494	48	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.87200	0.00400	0.85835	0.02122	0.01494	48	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.87500	0.01000	0.85835	0.02122	0.01494	48	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0934	0.87500	0.01000	0.85835	0.02122	0.01494	48	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.87500	0.01000	0.85835	0.02122	0.01494	48	0.78	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.88010	0.01160	0.85835	0.02122	0.01494	48	1.02	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.88500	0.03000	0.85835	0.02122	0.01494	48	1.26	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.90650	0.02500	0.85835	0.02122	0.01494	48	2.27	3%	0
031.01	Phosphorus, Photometric (%)	0904	0.93000	0.00000	0.85835	0.02122	0.01494	48	3.38	4%	0
031.01	Phosphorus, Photometric (%)	0940	0.94000	0.02000	0.85835	0.02122	0.01494	48	3.85	5%	0
031.01	Phosphorus, Photometric (%)	2091	0.94000	0.00000	0.85835	0.02122	0.01494	48	3.85	5%	0
031.01	Phosphorus, Photometric (%)	0650	0.94500	0.03000	0.85835	0.02122	0.01494	48	4.08	5%	0
031.01	Phosphorus, Photometric (%)	2068	45.950	90.100	0.85835	0.02122	0.01494	48	2125.06	2627%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.86830	0.00060	0.87415	0.00827	0.00353	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.87500	0.01000	0.87415	0.00827	0.00353	3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.88000	0.00000	0.87415	0.00827	0.00353	3			0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.81500	0.05000	0.85773	0.02864	0.01310	4	-1.49	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.83000	0.00000	0.85773	0.02864	0.01310	4	-0.97	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.85600	0.00200	0.85773	0.02864	0.01310	4	-0.06	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.88720	0.00040	0.85773	0.02864	0.01310	4	1.03	2%	0
031.06	Phosphorus, Hach Method (%)	0138	0.88650	0.01100			0.01050	2			0
031.06	Phosphorus, Hach Method (%)	0536	1.0150	0.01000			0.01050	2			0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.76000	0.00000	0.87716	0.02688	0.01070	28	-4.36	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.80800	0.02000	0.87716	0.02688	0.01070	28	-2.57	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.81000	0.02000	0.87716	0.02688	0.01070	28	-2.50	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.83500	0.03000	0.87716	0.02688	0.01070	28	-1.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.84000	0.00000	0.87716	0.02688	0.01070	28	-1.38	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.85500	0.01000	0.87716	0.02688	0.01070	28	-0.82	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.85500	0.01000	0.87716	0.02688	0.01070	28	-0.82	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.86000	0.00000	0.87716	0.02688	0.01070	28	-0.64	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	0.86500	0.01000	0.87716	0.02688	0.01070	28	-0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.86750	0.00500	0.87716	0.02688	0.01070	28	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.86850	0.00300	0.87716	0.02688	0.01070	28	-0.32	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 (%)	0019	0.87000	0.00000	0.87716	0.02688	0.01070	28	-0.27	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.87500	0.01000	0.87716	0.02688	0.01070	28	-0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.87750	0.00500	0.87716	0.02688	0.01070	28	0.01	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.88000	0.02000	0.87716	0.02688	0.01070	28	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.88115	0.01230	0.87716	0.02688	0.01070	28	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.88500	0.03000	0.87716	0.02688	0.01070	28	0.29	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.88705	0.00610	0.87716	0.02688	0.01070	28	0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.88850	0.00960	0.87716	0.02688	0.01070	28	0.42	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.89000	0.02000	0.87716	0.02688	0.01070	28	0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.89450	0.00300	0.87716	0.02688	0.01070	28	0.65	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.89500	0.03000	0.87716	0.02688	0.01070	28	0.66	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.89500	0.01000	0.87716	0.02688	0.01070	28	0.66	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.89810	0.01000	0.87716	0.02688	0.01070	28	0.78	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.95270	0.00560	0.87716	0.02688	0.01070	28	2.81	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.97500	0.01000	0.87716	0.02688	0.01070	28	3.64	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.99000	0.00000	0.87716	0.02688	0.01070	28	4.20	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.1950	0.01000	0.87716	0.02688	0.01070	28	11.82	18%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.83100	0.07800	0.87716	0.02688	0.01070	28	-1.72	3%	1
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.86000	0.08000	0.87716	0.02688	0.01070	28	-0.64	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.77095	0.00610	0.86025	0.03681	0.01765	25	-2.43	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.81440	0.02140	0.86025	0.03681	0.01765	25	-1.25	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.81850	0.00100	0.86025	0.03681	0.01765	25	-1.13	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.82060	0.00240	0.86025	0.03681	0.01765	25	-1.08	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.82500	0.05000	0.86025	0.03681	0.01765	25	-0.96	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.83450	0.00500	0.86025	0.03681	0.01765	25	-0.70	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2055	0.83715	0.02170	0.86025	0.03681	0.01765	25	-0.63	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.83750	0.04900	0.86025	0.03681	0.01765	25	-0.62	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2051	0.84000	0.06000	0.86025	0.03681	0.01765	25	-0.55	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.84500	0.03000	0.86025	0.03681	0.01765	25	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.84500	0.01000	0.86025	0.03681	0.01765	25	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.85295	0.01410	0.86025	0.03681	0.01765	25	-0.20	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.86000	0.02000	0.86025	0.03681	0.01765	25	-0.01	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.86500	0.03000	0.86025	0.03681	0.01765	25	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.86650	0.01100	0.86025	0.03681	0.01765	25	0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.88000	0.04000	0.86025	0.03681	0.01765	25	0.54	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.88140	0.00080	0.86025	0.03681	0.01765	25	0.57	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.88500	0.01000	0.86025	0.03681	0.01765	25	0.67	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.88635	0.00390	0.86025	0.03681	0.01765	25	0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.88640	0.01280	0.86025	0.03681	0.01765	25	0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.89000	0.00000	0.86025	0.03681	0.01765	25	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.89900	0.02200	0.86025	0.03681	0.01765	25	1.05	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.90000	0.00000	0.86025	0.03681	0.01765	25	1.08	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			
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.93000	0.00000	0.86025	0.03681	0.01765	25	1.89	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.94000	0.02000	0.86025	0.03681	0.01765	25	2.17	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.38000	0.00000	0.89175	0.04177	0.01468	20	-12.25	29%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.48350	0.02300	0.89175	0.04177	0.01468	20	-9.77	23%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.79000	0.00000	0.89175	0.04177	0.01468	20	-2.44	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.85950	0.02100	0.89175	0.04177	0.01468	20	-0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.86500	0.01000	0.89175	0.04177	0.01468	20	-0.64	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.86900	0.02400	0.89175	0.04177	0.01468	20	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	0.87090	0.00080	0.89175	0.04177	0.01468	20	-0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.87400	0.01620	0.89175	0.04177	0.01468	20	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.87735	0.02250	0.89175	0.04177	0.01468	20	-0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.88350	0.01100	0.89175	0.04177	0.01468	20	-0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.90250	0.01500	0.89175	0.04177	0.01468	20	0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.90300	0.00800	0.89175	0.04177	0.01468	20	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.90450	0.03300	0.89175	0.04177	0.01468	20	0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2052	0.91600	0.05800	0.89175	0.04177	0.01468	20	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.91700	0.00200	0.89175	0.04177	0.01468	20	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.92100	0.00000	0.89175	0.04177	0.01468	20	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.92455	0.00210	0.89175	0.04177	0.01468	20	0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.94000	0.00000	0.89175	0.04177	0.01468	20	1.16	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.96300	0.00200	0.89175	0.04177	0.01468	20	1.71	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.0385	0.04500	0.89175	0.04177	0.01468	20	3.51	8%	0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.83050	0.00900			0.00650	2			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.85000	0.00400			0.00650	2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.84650	0.03100	0.84758	0.00152	0.04523	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0034	0.84865	0.00870	0.84758	0.00152	0.04523	3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.97200	0.09600	0.84758	0.00152	0.04523	3			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.82000	0.04000	0.86800	0.03667	0.02400	5	-1.31	3%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.85500	0.03000	0.86800	0.03667	0.02400	5	-0.35	1%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.85500	0.01000	0.86800	0.03667	0.02400	5	-0.35	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.90500	0.03000	0.86800	0.03667	0.02400	5	1.01	2%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.90500	0.01000	0.86800	0.03667	0.02400	5	1.01	2%	0
032.02	Potassium, Flame Emission (%)	0066	0.92500	0.01000			0.01000	1			0
032.08	Potassium, Ion-selective electrode (%)	2006	1.0445	0.05700			0.05700	1			0
032.31	Potassium, AAS, Dry ash (%)	0689	0.83000	0.00000	0.98400	0.05402	0.02227	16	-2.85	8%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.85000	0.04000	0.98400	0.05402	0.02227	16	-2.48	7%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.92500	0.07000	0.98400	0.05402	0.02227	16	-1.09	3%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.93000	0.02000	0.98400	0.05402	0.02227	16	-1.00	3%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.95000	0.04000	0.98400	0.05402	0.02227	16	-0.63	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.95500	0.01000	0.98400	0.05402	0.02227	16	-0.54	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.97575	0.00050	0.98400	0.05402	0.02227	16	-0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.97900	0.01000	0.98400	0.05402	0.02227	16	-0.09	0%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.31	Potassium, AAS, Dry ash (%)	0563	1.0050	0.01000	0.98400	0.05402	0.02227	16	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0100	0.06000	0.98400	0.05402	0.02227	16	0.48	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.0197	0.01550	0.98400	0.05402	0.02227	16	0.66	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.0200	0.02000	0.98400	0.05402	0.02227	16	0.67	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.0229	0.02730	0.98400	0.05402	0.02227	16	0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0250	0.01000	0.98400	0.05402	0.02227	16	0.76	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.0350	0.01000	0.98400	0.05402	0.02227	16	0.94	3%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.0635	0.01300	0.98400	0.05402	0.02227	16	1.47	4%	0
032.32	Potassium, AAS, Open vessel (%)	0609	0.96500	0.01000	1.0054	0.02068	0.00357	3			0
032.32	Potassium, AAS, Open vessel (%)	0035	0.99075	0.00070	1.0054	0.02068	0.00357	3			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.0200	0.00000	1.0054	0.02068	0.00357	3			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.77000	0.02000	1.0006	0.06917	0.01773	27	-3.33	12%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.89000	0.00000	1.0006	0.06917	0.01773	27	-1.60	6%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.89500	0.01000	1.0006	0.06917	0.01773	27	-1.53	5%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.90500	0.01000	1.0006	0.06917	0.01773	27	-1.38	5%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.94000	0.00000	1.0006	0.06917	0.01773	27	-0.88	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.95500	0.03000	1.0006	0.06917	0.01773	27	-0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.95850	0.00300	1.0006	0.06917	0.01773	27	-0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.95865	0.00350	1.0006	0.06917	0.01773	27	-0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.96500	0.03000	1.0006	0.06917	0.01773	27	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.96550	0.00100	1.0006	0.06917	0.01773	27	-0.51	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.99250	0.00500	1.0006	0.06917	0.01773	27	-0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.0000	0.04000	1.0006	0.06917	0.01773	27	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.0000	0.00000	1.0006	0.06917	0.01773	27	-0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.0020	0.03000	1.0006	0.06917	0.01773	27	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0051	1.0116	0.02970	1.0006	0.06917	0.01773	27	0.16	1%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.0150	0.01000	1.0006	0.06917	0.01773	27	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.0200	0.02000	1.0006	0.06917	0.01773	27	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.0200	0.04000	1.0006	0.06917	0.01773	27	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0250	0.05000	1.0006	0.06917	0.01773	27	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.0250	0.01000	1.0006	0.06917	0.01773	27	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.0250	0.01000	1.0006	0.06917	0.01773	27	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.0460	0.01600	1.0006	0.06917	0.01773	27	0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.0850	0.01000	1.0006	0.06917	0.01773	27	1.22	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.0900	0.06000	1.0006	0.06917	0.01773	27	1.29	4%	0
032.41	Potassium, ICP, Dry ash (%)	0425	1.1100	0.02000	1.0006	0.06917	0.01773	27	1.58	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.1130	0.00040	1.0006	0.06917	0.01773	27	1.62	6%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.3100	0.02000	1.0006	0.06917	0.01773	27	4.47	15%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.0450	0.09000	1.0006	0.06917	0.01773	27	0.64	2%	1
032.42	Potassium, ICP, Open vessel (%)	2051	0.86500	0.07000	1.0311	0.05889	0.02660	22	-2.82	8%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.96500	0.01000	1.0311	0.05889	0.02660	22	-1.12	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.96660	0.00720	1.0311	0.05889	0.02660	22	-1.10	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	
032.42	Potassium, ICP, Open vessel (%)	0278	0.97000	0.00000	1.0311	0.05889	0.02660	22	-1.04	3%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.98480	0.01980	1.0311	0.05889	0.02660	22	-0.79	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.99200	0.01800	1.0311	0.05889	0.02660	22	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.99475	0.00830	1.0311	0.05889	0.02660	22	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.0047	0.07580	1.0311	0.05889	0.02660	22	-0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.0050	0.03000	1.0311	0.05889	0.02660	22	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.0200	0.00000	1.0311	0.05889	0.02660	22	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0225	0.00500	1.0311	0.05889	0.02660	22	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.0279	0.00420	1.0311	0.05889	0.02660	22	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.0350	0.01000	1.0311	0.05889	0.02660	22	0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.0450	0.03000	1.0311	0.05889	0.02660	22	0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.0550	0.09000	1.0311	0.05889	0.02660	22	0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	2055	1.0649	0.01680	1.0311	0.05889	0.02660	22	0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0750	0.01000	1.0311	0.05889	0.02660	22	0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.0900	0.10000	1.0311	0.05889	0.02660	22	1.00	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.0950	0.03000	1.0311	0.05889	0.02660	22	1.08	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1000	0.00000	1.0311	0.05889	0.02660	22	1.17	3%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.1200	0.00000	1.0311	0.05889	0.02660	22	1.51	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.2250	0.05000	1.0311	0.05889	0.02660	22	3.29	9%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.90250	0.01500	1.0234	0.03977	0.03294	15	-3.04	6%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.95500	0.01000	1.0234	0.03977	0.03294	15	-1.72	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.97600	0.00800	1.0234	0.03977	0.03294	15	-1.19	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.98950	0.02100	1.0234	0.03977	0.03294	15	-0.85	2%	0
032.43	Potassium, ICP, Microwave (%)	2052	1.0050	0.01600	1.0234	0.03977	0.03294	15	-0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.0100	0.02000	1.0234	0.03977	0.03294	15	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.0205	0.00820	1.0234	0.03977	0.03294	15	-0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.0300	0.04000	1.0234	0.03977	0.03294	15	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.0300	0.02000	1.0234	0.03977	0.03294	15	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.0344	0.00180	1.0234	0.03977	0.03294	15	0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.0448	0.01810	1.0234	0.03977	0.03294	15	0.54	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.0500	0.08000	1.0234	0.03977	0.03294	15	0.67	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0550	0.11000	1.0234	0.03977	0.03294	15	0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.0740	0.05600	1.0234	0.03977	0.03294	15	1.27	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.1650	0.07000	1.0234	0.03977	0.03294	15	3.56	7%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.99150	0.00100			0.00100	1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.98495	0.02290			0.02290	1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.97150	0.00300	1.0353	0.06694	0.03533	3			0
032.53	Potassium, ICP-MS, Microwave (%)	0034	1.0295	0.01300	1.0353	0.06694	0.03533	3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1050	0.09000	1.0353	0.06694	0.03533	3			0
032.99	Potassium, Miscellaneous (%)	0889	0.77500	0.01000	0.90250	0.18031	0.03333	3			0
032.99	Potassium, Miscellaneous (%)	0100	1.0150	0.09000	0.90250	0.18031	0.03333	3			0
032.99	Potassium, Miscellaneous (%)	0242	1.0300	0.00000	0.90250	0.18031	0.03333	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			
033.00	Salt as chloride, Sol Cl (%)	0169	0.72500	0.01000	0.91586	0.08694	0.02452	17	-2.20	10%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.77000	0.02000	0.91586	0.08694	0.02452	17	-1.68	8%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.80500	0.01000	0.91586	0.08694	0.02452	17	-1.28	6%	0
033.00	Salt as chloride, Sol Cl (%)	2091	0.86500	0.01000	0.91586	0.08694	0.02452	17	-0.59	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.87000	0.00000	0.91586	0.08694	0.02452	17	-0.53	3%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.87500	0.01000	0.91586	0.08694	0.02452	17	-0.47	2%	0
033.00	Salt as chloride, Sol Cl (%)	0934	0.90000	0.00000	0.91586	0.08694	0.02452	17	-0.18	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.91500	0.01000	0.91586	0.08694	0.02452	17	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.91540	0.01320	0.91586	0.08694	0.02452	17	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.92400	0.01400	0.91586	0.08694	0.02452	17	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.92425	0.06790	0.91586	0.08694	0.02452	17	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.97000	0.08000	0.91586	0.08694	0.02452	17	0.62	3%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.97000	0.00000	0.91586	0.08694	0.02452	17	0.62	3%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.98000	0.02000	0.91586	0.08694	0.02452	17	0.74	4%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.99625	0.06170	0.91586	0.08694	0.02452	17	0.92	4%	0
033.00	Salt as chloride, Sol Cl (%)	2068	1.0350	0.01000	0.91586	0.08694	0.02452	17	1.37	7%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.1600	0.08000	0.91586	0.08694	0.02452	17	2.81	13%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.92000	0.00000	0.97503	0.01963	0.01016	21	-2.80	3%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.95500	0.01000	0.97503	0.01963	0.01016	21	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.95500	0.03000	0.97503	0.01963	0.01016	21	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.95500	0.01000	0.97503	0.01963	0.01016	21	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.96050	0.00100	0.97503	0.01963	0.01016	21	-0.74	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.96300	0.00200	0.97503	0.01963	0.01016	21	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0178	0.96450	0.00100	0.97503	0.01963	0.01016	21	-0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.96500	0.03000	0.97503	0.01963	0.01016	21	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.96500	0.01000	0.97503	0.01963	0.01016	21	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.96500	0.01000	0.97503	0.01963	0.01016	21	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.97500	0.01000	0.97503	0.01963	0.01016	21	0.00	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.97900	0.00200	0.97503	0.01963	0.01016	21	0.20	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.98000	0.02000	0.97503	0.01963	0.01016	21	0.25	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.98000	0.00000	0.97503	0.01963	0.01016	21	0.25	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.98350	0.01700	0.97503	0.01963	0.01016	21	0.43	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.98500	0.01000	0.97503	0.01963	0.01016	21	0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.99000	0.00000	0.97503	0.01963	0.01016	21	0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.0100	0.02000	0.97503	0.01963	0.01016	21	1.78	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.0200	0.00000	0.97503	0.01963	0.01016	21	2.29	2%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.0431	0.02030	0.97503	0.01963	0.01016	21	3.47	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.1550	0.01000	0.97503	0.01963	0.01016	21	9.17	9%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.96500	0.05000	0.97503	0.01963	0.01016	21	-0.51	1%	1
033.03	Salt as chloride, Quantab (%)	0265	0.83000	0.00000	0.87167	0.06371	0.01667	3			0
033.03	Salt as chloride, Quantab (%)	0144	0.84000	0.02000	0.87167	0.06371	0.01667	3			0
033.03	Salt as chloride, Quantab (%)	0505	0.94500	0.03000	0.87167	0.06371	0.01667	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			
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.99500	0.03000			0.02000	2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.99500	0.01000			0.02000	2			0
033.99	Salt, Miscellaneous (%)	0536	0.62500	0.03000	1.0775	0.36360	0.02197	6	-1.24	21%	0
033.99	Salt, Miscellaneous (%)	0613	0.87780	0.03080	1.0775	0.36360	0.02197	6	-0.55	9%	0
033.99	Salt, Miscellaneous (%)	0619	0.94850	0.00100	1.0775	0.36360	0.02197	6	-0.35	6%	0
033.99	Salt, Miscellaneous (%)	0358	1.2050	0.01000	1.0775	0.36360	0.02197	6	0.35	6%	0
033.99	Salt, Miscellaneous (%)	0552	1.2800	0.04000	1.0775	0.36360	0.02197	6	0.56	9%	0
033.99	Salt, Miscellaneous (%)	0681	1.5500	0.02000	1.0775	0.36360	0.02197	6	1.30	22%	0
033.99	Salt, Miscellaneous (%)	2073	0.81000	0.18000	1.0775	0.36360	0.02197	6	-0.74	12%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.55100	0.00000			0.00000	1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.44000	0.00000	0.50375	0.09232	0.01250	4	-0.69	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.45500	0.03000	0.50375	0.09232	0.01250	4	-0.53	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.48000	0.02000	0.50375	0.09232	0.01250	4	-0.26	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.64000	0.00000	0.50375	0.09232	0.01250	4	1.48	14%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.34900	0.01400			0.01400	1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.1500	0.30000			0.30000	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.52000	0.02000	0.54217	0.02649	0.04567	3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.53500	0.09000	0.54217	0.02649	0.04567	3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.57150	0.02700	0.54217	0.02649	0.04567	3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.52150	0.01500	0.67652	0.15782	0.06733	4	-0.98	11%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.67105	0.01130	0.67652	0.15782	0.06733	4	-0.03	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.83700	0.08400	0.67652	0.15782	0.06733	4	1.02	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	2.9185	0.15900	0.67652	0.15782	0.06733	4	14.21	166%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.43000	0.12000			0.08500	2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.51500	0.05000			0.08500	2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.45450	0.00900			0.00800	2			0
035.01	Sodium, Ion-selective electrode (%)	0138	0.45950	0.00700			0.00800	2			0
035.05	Sodium, Flame Emission (%)	0066	0.48000	0.02000			0.01095	2			0
035.05	Sodium, Flame Emission (%)	0590	0.49975	0.00190			0.01095	2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.41000	0.02000	0.46290	0.03042	0.00804	20	-1.74	6%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.43000	0.00000	0.46290	0.03042	0.00804	20	-1.08	4%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.43725	0.00050	0.46290	0.03042	0.00804	20	-0.84	3%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.43730	0.00000	0.46290	0.03042	0.00804	20	-0.84	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.44110	0.00300	0.46290	0.03042	0.00804	20	-0.72	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.44350	0.00700	0.46290	0.03042	0.00804	20	-0.64	2%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.44500	0.01000	0.46290	0.03042	0.00804	20	-0.59	2%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.44900	0.01400	0.46290	0.03042	0.00804	20	-0.46	2%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.45000	0.00000	0.46290	0.03042	0.00804	20	-0.42	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.46150	0.00500	0.46290	0.03042	0.00804	20	-0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.46500	0.01000	0.46290	0.03042	0.00804	20	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.46500	0.01000	0.46290	0.03042	0.00804	20	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.46600	0.00000	0.46290	0.03042	0.00804	20	0.10	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	
035.31	Sodium, AAS, Dry ash (%)	0038	0.47000	0.00000	0.46290	0.03042	0.00804	20	0.23	1%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.48000	0.02000	0.46290	0.03042	0.00804	20	0.56	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.48500	0.03000	0.46290	0.03042	0.00804	20	0.73	2%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.49450	0.00100	0.46290	0.03042	0.00804	20	1.04	3%	0
035.31	Sodium, AAS, Dry ash (%)	0653	0.50350	0.01100	0.46290	0.03042	0.00804	20	1.33	4%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.51925	0.01930	0.46290	0.03042	0.00804	20	1.85	6%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.53000	0.00000	0.46290	0.03042	0.00804	20	2.21	7%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.34500	0.01000	0.43981	0.07055	0.01338	4	-1.34	11%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.42810	0.02020	0.43981	0.07055	0.01338	4	-0.17	1%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.48500	0.01000	0.43981	0.07055	0.01338	4	0.64	5%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.50115	0.01330	0.43981	0.07055	0.01338	4	0.87	7%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.21500	0.01000	0.46121	0.02853	0.01126	30	-8.63	27%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.24000	0.00000	0.46121	0.02853	0.01126	30	-7.75	24%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.41000	0.00000	0.46121	0.02853	0.01126	30	-1.80	6%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.43000	0.02000	0.46121	0.02853	0.01126	30	-1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.43500	0.05000	0.46121	0.02853	0.01126	30	-0.92	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.43910	0.00400	0.46121	0.02853	0.01126	30	-0.78	2%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.44000	0.00000	0.46121	0.02853	0.01126	30	-0.74	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.44650	0.00100	0.46121	0.02853	0.01126	30	-0.52	2%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.45000	0.00000	0.46121	0.02853	0.01126	30	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.45000	0.02000	0.46121	0.02853	0.01126	30	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.45145	0.01070	0.46121	0.02853	0.01126	30	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.45150	0.00300	0.46121	0.02853	0.01126	30	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.45250	0.00500	0.46121	0.02853	0.01126	30	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.45250	0.00500	0.46121	0.02853	0.01126	30	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.46000	0.00000	0.46121	0.02853	0.01126	30	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.46100	0.02600	0.46121	0.02853	0.01126	30	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.46500	0.01000	0.46121	0.02853	0.01126	30	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.46500	0.01000	0.46121	0.02853	0.01126	30	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.46500	0.01000	0.46121	0.02853	0.01126	30	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.46500	0.01000	0.46121	0.02853	0.01126	30	0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.47295	0.01410	0.46121	0.02853	0.01126	30	0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.48000	0.00000	0.46121	0.02853	0.01126	30	0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.48000	0.00000	0.46121	0.02853	0.01126	30	0.66	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.48500	0.03000	0.46121	0.02853	0.01126	30	0.83	3%	0
035.41	Sodium, ICP, Dry ash (%)	0512	0.49095	0.02070	0.46121	0.02853	0.01126	30	1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.49150	0.02300	0.46121	0.02853	0.01126	30	1.06	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.49340	0.00420	0.46121	0.02853	0.01126	30	1.13	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.50000	0.04000	0.46121	0.02853	0.01126	30	1.36	4%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.50500	0.01000	0.46121	0.02853	0.01126	30	1.53	5%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.53750	0.00100	0.46121	0.02853	0.01126	30	2.67	8%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.48150	0.06500	0.46121	0.02853	0.01126	30	0.71	2%	1

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	
035.42	Sodium, ICP, Open vessel (%)	0366	0.40500	0.01000	0.46229	0.02365	0.01621	20	-2.42	6%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.42810	0.02020	0.46229	0.02365	0.01621	20	-1.45	4%	0
035.42	Sodium, ICP, Open vessel (%)	2055	0.43625	0.00790	0.46229	0.02365	0.01621	20	-1.10	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.43830	0.01560	0.46229	0.02365	0.01621	20	-1.01	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.45000	0.06000	0.46229	0.02365	0.01621	20	-0.52	1%	0
035.42	Sodium, ICP, Open vessel (%)	2051	0.45000	0.04000	0.46229	0.02365	0.01621	20	-0.52	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.45500	0.01000	0.46229	0.02365	0.01621	20	-0.31	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.45600	0.00400	0.46229	0.02365	0.01621	20	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.45800	0.01000	0.46229	0.02365	0.01621	20	-0.18	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.45900	0.00800	0.46229	0.02365	0.01621	20	-0.14	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.46000	0.00000	0.46229	0.02365	0.01621	20	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.46550	0.00500	0.46229	0.02365	0.01621	20	0.14	0%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.46790	0.00420	0.46229	0.02365	0.01621	20	0.24	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.46865	0.02430	0.46229	0.02365	0.01621	20	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.47945	0.00070	0.46229	0.02365	0.01621	20	0.73	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.48000	0.02000	0.46229	0.02365	0.01621	20	0.75	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.49000	0.02000	0.46229	0.02365	0.01621	20	1.17	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.49475	0.00430	0.46229	0.02365	0.01621	20	1.37	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.50500	0.01000	0.46229	0.02365	0.01621	20	1.81	5%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.53500	0.05000	0.46229	0.02365	0.01621	20	3.07	8%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.39750	0.00700	0.46534	0.02429	0.00905	14	-2.79	7%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.44350	0.00900	0.46534	0.02429	0.00905	14	-0.90	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.44550	0.00300	0.46534	0.02429	0.00905	14	-0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.45000	0.00000	0.46534	0.02429	0.00905	14	-0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.45150	0.00700	0.46534	0.02429	0.00905	14	-0.57	1%	0
035.43	Sodium, ICP, Microwave (%)	2052	0.45500	0.01400	0.46534	0.02429	0.00905	14	-0.43	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.46350	0.00000	0.46534	0.02429	0.00905	14	-0.08	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.46500	0.01000	0.46534	0.02429	0.00905	14	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.46900	0.00880	0.46534	0.02429	0.00905	14	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.46950	0.02900	0.46534	0.02429	0.00905	14	0.17	0%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.48075	0.00510	0.46534	0.02429	0.00905	14	0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.49450	0.00060	0.46534	0.02429	0.00905	14	1.20	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.50730	0.01320	0.46534	0.02429	0.00905	14	1.73	5%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.51000	0.02000	0.46534	0.02429	0.00905	14	1.84	5%	0
035.51	Sodium, ICP-MS, Dry ash (%)	0019	0.47500	0.01000			0.01000	1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.43835	0.01810			0.01810	1			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.48000	0.05600			0.03950	2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.50850	0.02300			0.03950	2			0
035.99	Sodium, Miscellaneous (%)	0889	0.30000	0.00000	0.42167	0.10681	0.01667	3			0
035.99	Sodium, Miscellaneous (%)	0242	0.46500	0.01000	0.42167	0.10681	0.01667	3			0
035.99	Sodium, Miscellaneous (%)	0100	0.50000	0.04000	0.42167	0.10681	0.01667	3			0
036.04	Sulfur, LECO (%)	0229	0.53000	0.02000	0.57368	0.03137	0.01240	5	-1.39	4%	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			
036.04	Sulfur, LECO (%)	0098	0.56000	0.00000	0.57368	0.03137	0.01240	5	-0.44	1%	0
036.04	Sulfur, LECO (%)	0168	0.57250	0.00700	0.57368	0.03137	0.01240	5	-0.04	0%	0
036.04	Sulfur, LECO (%)	0226	0.59500	0.01000	0.57368	0.03137	0.01240	5	0.68	2%	0
036.04	Sulfur, LECO (%)	0026	0.61090	0.02500	0.57368	0.03137	0.01240	5	1.19	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.49000	0.00000	0.56556	0.03820	0.01315	24	-1.98	7%	0
036.42	Sulfur, ICP, Open vessel (%)	2051	0.51500	0.05000	0.56556	0.03820	0.01315	24	-1.32	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.51880	0.00340	0.56556	0.03820	0.01315	24	-1.22	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.52000	0.02000	0.56556	0.03820	0.01315	24	-1.19	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.53500	0.05000	0.56556	0.03820	0.01315	24	-0.80	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.53650	0.00700	0.56556	0.03820	0.01315	24	-0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.54310	0.01060	0.56556	0.03820	0.01315	24	-0.59	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.54500	0.01000	0.56556	0.03820	0.01315	24	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.55000	0.02000	0.56556	0.03820	0.01315	24	-0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.55085	0.01830	0.56556	0.03820	0.01315	24	-0.39	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.55970	0.00140	0.56556	0.03820	0.01315	24	-0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.56500	0.01000	0.56556	0.03820	0.01315	24	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.57000	0.00000	0.56556	0.03820	0.01315	24	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.57000	0.00000	0.56556	0.03820	0.01315	24	0.12	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.57375	0.03570	0.56556	0.03820	0.01315	24	0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.57500	0.01000	0.56556	0.03820	0.01315	24	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.58500	0.01000	0.56556	0.03820	0.01315	24	0.51	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.58600	0.02200	0.56556	0.03820	0.01315	24	0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.59000	0.02000	0.56556	0.03820	0.01315	24	0.64	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.59825	0.00170	0.56556	0.03820	0.01315	24	0.86	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.61190	0.00160	0.56556	0.03820	0.01315	24	1.21	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.64000	0.00000	0.56556	0.03820	0.01315	24	1.95	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.64000	0.00000	0.56556	0.03820	0.01315	24	1.95	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.65200	0.01400	0.56556	0.03820	0.01315	24	2.26	8%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.53250	0.01300	0.57439	0.02952	0.00503	10	-1.42	4%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.54000	0.00000	0.57439	0.02952	0.00503	10	-1.16	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.55500	0.01000	0.57439	0.02952	0.00503	10	-0.66	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.56950	0.00300	0.57439	0.02952	0.00503	10	-0.17	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.57000	0.00000	0.57439	0.02952	0.00503	10	-0.15	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.58000	0.00000	0.57439	0.02952	0.00503	10	0.19	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.58650	0.00300	0.57439	0.02952	0.00503	10	0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.59900	0.01120	0.57439	0.02952	0.00503	10	0.83	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.60550	0.00900	0.57439	0.02952	0.00503	10	1.05	3%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.60585	0.00110	0.57439	0.02952	0.00503	10	1.07	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.70040	0.03240	0.57439	0.02952	0.00503	10	4.27	11%	1
036.53	Sulfur, ICP-MS, Microwave (%)	0034	0.53335	0.00790			0.00790	1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.57500	0.01000			0.01500	2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.62000	0.02000			0.01500	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	188.00	12.000	204.97	8.6620	4.2419	14	-1.96	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	195.35	3.7000	204.97	8.6620	4.2419	14	-1.11	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	198.50	3.0000	204.97	8.6620	4.2419	14	-0.75	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	198.89	0.01000	204.97	8.6620	4.2419	14	-0.70	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	201.00	8.0000	204.97	8.6620	4.2419	14	-0.46	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	201.00	0.00000	204.97	8.6620	4.2419	14	-0.46	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	202.68	3.5964	204.97	8.6620	4.2419	14	-0.26	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	204.75	0.50000	204.97	8.6620	4.2419	14	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	208.50	9.0000	204.97	8.6620	4.2419	14	0.41	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	210.85	0.10000	204.97	8.6620	4.2419	14	0.68	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	212.15	0.10000	204.97	8.6620	4.2419	14	0.83	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	213.50	3.0000	204.97	8.6620	4.2419	14	0.99	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	214.61	4.0700	204.97	8.6620	4.2419	14	1.11	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	215.80	12.310	204.97	8.6620	4.2419	14	1.25	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	176.00	4.0000	196.45	18.196	5.2333	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	202.50	7.0000	196.45	18.196	5.2333	3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	210.85	4.7000	196.45	18.196	5.2333	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	189.30	0.66000			0.66000	1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	181.17	5.5000	200.48	8.5529	3.6026	25	-2.26	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	188.00	2.0000	200.48	8.5529	3.6026	25	-1.46	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	191.50	1.0000	200.48	8.5529	3.6026	25	-1.05	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	193.50	7.0000	200.48	8.5529	3.6026	25	-0.82	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	193.90	2.0000	200.48	8.5529	3.6026	25	-0.77	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	194.60	7.8100	200.48	8.5529	3.6026	25	-0.69	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	195.05	2.5000	200.48	8.5529	3.6026	25	-0.63	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	195.65	5.7400	200.48	8.5529	3.6026	25	-0.56	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	196.40	4.8000	200.48	8.5529	3.6026	25	-0.48	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	196.50	1.0000	200.48	8.5529	3.6026	25	-0.47	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	197.85	10.900	200.48	8.5529	3.6026	25	-0.31	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	198.00	4.0000	200.48	8.5529	3.6026	25	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	199.38	5.2600	200.48	8.5529	3.6026	25	-0.13	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	199.40	2.6300	200.48	8.5529	3.6026	25	-0.13	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	199.50	3.0000	200.48	8.5529	3.6026	25	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	203.34	0.00000	200.48	8.5529	3.6026	25	0.33	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	203.50	1.0000	200.48	8.5529	3.6026	25	0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	207.19	3.2600	200.48	8.5529	3.6026	25	0.78	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	208.05	3.3000	200.48	8.5529	3.6026	25	0.89	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	208.30	0.80000	200.48	8.5529	3.6026	25	0.91	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	208.55	1.7641	200.48	8.5529	3.6026	25	0.94	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	211.48	2.5000	200.48	8.5529	3.6026	25	1.29	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	214.50	7.0000	200.48	8.5529	3.6026	25	1.64	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	217.25	4.3000	200.48	8.5529	3.6026	25	1.96	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			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	217.50	1.0000	200.48	8.5529	3.6026	25	1.99	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	208.50	27.000	200.48	8.5529	3.6026	25	0.94	2%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	0.02170	0.00060	198.16	9.5867	6.2234	23	-20.67	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	100.71	13.780	198.16	9.5867	6.2234	23	-10.16	25%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2051	178.10	15.600	198.16	9.5867	6.2234	23	-2.09	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	187.45	0.30000	198.16	9.5867	6.2234	23	-1.12	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	187.82	2.7400	198.16	9.5867	6.2234	23	-1.08	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	187.90	4.4000	198.16	9.5867	6.2234	23	-1.07	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	191.48	0.99000	198.16	9.5867	6.2234	23	-0.70	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	193.00	6.0000	198.16	9.5867	6.2234	23	-0.54	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	195.50	21.000	198.16	9.5867	6.2234	23	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	196.00	6.0000	198.16	9.5867	6.2234	23	-0.22	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	196.05	4.3084	198.16	9.5867	6.2234	23	-0.22	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	200.00	10.000	198.16	9.5867	6.2234	23	0.19	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	200.00	18.000	198.16	9.5867	6.2234	23	0.19	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	201.50	5.0000	198.16	9.5867	6.2234	23	0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	203.00	4.0000	198.16	9.5867	6.2234	23	0.51	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	204.44	4.2800	198.16	9.5867	6.2234	23	0.66	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	204.50	5.0000	198.16	9.5867	6.2234	23	0.66	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	204.82	9.0300	198.16	9.5867	6.2234	23	0.69	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	205.10	4.0000	198.16	9.5867	6.2234	23	0.72	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	205.93	2.2500	198.16	9.5867	6.2234	23	0.81	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	208.00	2.0000	198.16	9.5867	6.2234	23	1.03	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	212.12	4.1600	198.16	9.5867	6.2234	23	1.46	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	216.35	0.30000	198.16	9.5867	6.2234	23	1.90	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	173.50	1.0000	202.55	19.446	4.6165	15	-1.49	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	174.50	1.0000	202.55	19.446	4.6165	15	-1.44	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	182.00	4.0000	202.55	19.446	4.6165	15	-1.06	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	191.25	1.5000	202.55	19.446	4.6165	15	-0.58	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	192.46	0.23000	202.55	19.446	4.6165	15	-0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	196.00	2.0000	202.55	19.446	4.6165	15	-0.34	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	200.34	7.2600	202.55	19.446	4.6165	15	-0.11	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	205.00	0.00000	202.55	19.446	4.6165	15	0.13	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	205.50	1.0000	202.55	19.446	4.6165	15	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2052	205.50	1.0000	202.55	19.446	4.6165	15	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	209.50	17.000	202.55	19.446	4.6165	15	0.36	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	216.47	2.9570	202.55	19.446	4.6165	15	0.72	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	218.40	11.400	202.55	19.446	4.6165	15	0.81	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	230.00	4.0000	202.55	19.446	4.6165	15	1.41	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	241.75	14.900	202.55	19.446	4.6165	15	2.02	10%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	196.50	3.0000			3.0000	1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	28.000	0.00000			0.00000	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			
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0034	200.25	6.3000	211.42	11.125	9.4333	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	211.50	21.000	211.42	11.125	9.4333	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	222.50	1.0000	211.42	11.125	9.4333	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	214.00	4.0000	219.00	7.0000	4.6667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	216.00	6.0000	219.00	7.0000	4.6667	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	227.00	4.0000	219.00	7.0000	4.6667	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.85000	0.10000			0.05500	2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	0.92500	0.01000			0.05500	2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.82330	0.17100	0.97110	0.13568	0.07033	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.0000	0.00000	0.97110	0.13568	0.07033	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.0900	0.04000	0.97110	0.13568	0.07033	3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.63135	0.05650	0.86041	0.15398	0.04214	7	-1.49	13%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.77500	0.01000	0.86041	0.15398	0.04214	7	-0.55	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.79000	0.02000	0.86041	0.15398	0.04214	7	-0.46	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.85000	0.10000	0.86041	0.15398	0.04214	7	-0.07	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.94000	0.06000	0.86041	0.15398	0.04214	7	0.52	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	0.96785	0.04850	0.86041	0.15398	0.04214	7	0.70	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.1000	0.00000	0.86041	0.15398	0.04214	7	1.56	14%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.1500	0.10000			0.10000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.70700	0.08600	0.83665	0.12732	0.17628	4	-1.02	8%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.84145	0.06310	0.83665	0.12732	0.17628	4	0.04	0%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.96150	0.11700	0.83665	0.12732	0.17628	4	0.98	7%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	69.574	0.43900	0.83665	0.12732	0.17628	4	539.88	4108%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	2055	5.8000	0.20000			0.10500	2			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	6.6250	0.01000			0.10500	2			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	6.6900	0.03800			0.03800	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	6.5000	1.2000			1.2000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.1778	0.17180			0.17180	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.52500	0.15000			0.15000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.70000	0.01800			0.01800	1			0
042.00	Chloride, Titrimetric (%)	0297	0.55000	0.00000			0.00000	1			0
042.99	Chloride, Miscellaneous (%)	0613	0.57000	0.02000			0.02000	1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,417.0	22.000			22.000	1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,330.0	40.000			40.000	1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	116.00	2.0000			2.0000	1			0
102.02	Niacin, LC (mg / kg (ppm))	0939	64.445	1.4100			1.4100	1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	32.750	1.9000			1.9000	1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0939	38.140	1.2600			1.2600	1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	11.850	0.90000			1.2500	2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	16.600	1.6000			1.2500	2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	7.8350	0.93000			0.75500	2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	9.6500	0.58000			0.75500	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			
105.00	Thiamine, LC (mg / kg (ppm))	0904	4.4550	0.83000	4.8867	0.63032	0.47333	3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	4.5950	0.59000	4.8867	0.63032	0.47333	3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	5.6100	0.00000	4.8867	0.63032	0.47333	3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	6.7150	0.19000			0.19000	1			0
106.01	Vitamin A, UV (KU / kg)	0098	2.8050	0.23000			0.23000	1			0
106.02	Vitamin A, LC (KU / kg)	2053	0.97000	0.00000	2.4763	0.92896	0.24534	15	-1.62	30%	0
106.02	Vitamin A, LC (KU / kg)	0555	1.5000	0.00000	2.4763	0.92896	0.24534	15	-1.05	20%	0
106.02	Vitamin A, LC (KU / kg)	0563	1.7671	0.22410	2.4763	0.92896	0.24534	15	-0.76	14%	0
106.02	Vitamin A, LC (KU / kg)	0941	1.8110	0.14600	2.4763	0.92896	0.24534	15	-0.72	13%	0
106.02	Vitamin A, LC (KU / kg)	0861	1.8850	0.87000	2.4763	0.92896	0.24534	15	-0.64	12%	0
106.02	Vitamin A, LC (KU / kg)	0905	2.1150	0.11000	2.4763	0.92896	0.24534	15	-0.39	7%	0
106.02	Vitamin A, LC (KU / kg)	0227	2.1400	0.06000	2.4763	0.92896	0.24534	15	-0.36	7%	0
106.02	Vitamin A, LC (KU / kg)	0904	2.3600	0.10000	2.4763	0.92896	0.24534	15	-0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	2.5600	0.08000	2.4763	0.92896	0.24534	15	0.09	2%	0
106.02	Vitamin A, LC (KU / kg)	0910	2.7000	0.20000	2.4763	0.92896	0.24534	15	0.24	5%	0
106.02	Vitamin A, LC (KU / kg)	2004	3.2150	0.01000	2.4763	0.92896	0.24534	15	0.80	15%	0
106.02	Vitamin A, LC (KU / kg)	0148	3.2500	0.44000	2.4763	0.92896	0.24534	15	0.83	16%	0
106.02	Vitamin A, LC (KU / kg)	0610	3.4000	0.40000	2.4763	0.92896	0.24534	15	0.99	19%	0
106.02	Vitamin A, LC (KU / kg)	0169	4.7000	0.40000	2.4763	0.92896	0.24534	15	2.39	45%	0
106.02	Vitamin A, LC (KU / kg)	0003	5.0200	0.64000	2.4763	0.92896	0.24534	15	2.74	51%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.45000	0.10000			0.10000	1			0
108.02	Vitamin D3, LC (KU / kg)	0904	0.97500	0.03000	1.1317	0.20599	0.38250	4	-0.76	7%	0
108.02	Vitamin D3, LC (KU / kg)	0227	1.0550	0.01000	1.1317	0.20599	0.38250	4	-0.37	3%	0
108.02	Vitamin D3, LC (KU / kg)	0208	1.3650	0.59000	1.1317	0.20599	0.38250	4	1.13	10%	0
108.02	Vitamin D3, LC (KU / kg)	0676	5.3200	0.90000	1.1317	0.20599	0.38250	4	20.33	185%	0
109.02	Vitamin E, LC (IU/kg)	0904	66.550	1.9400	102.36	17.507	4.8868	19	-2.05	17%	0
109.02	Vitamin E, LC (IU/kg)	0590	76.130	0.00000	102.36	17.507	4.8868	19	-1.50	13%	0
109.02	Vitamin E, LC (IU/kg)	0169	77.000	4.0000	102.36	17.507	4.8868	19	-1.45	12%	0
109.02	Vitamin E, LC (IU/kg)	0955	87.050	1.1000	102.36	17.507	4.8868	19	-0.87	7%	0
109.02	Vitamin E, LC (IU/kg)	2103	88.950	2.9000	102.36	17.507	4.8868	19	-0.77	7%	0
109.02	Vitamin E, LC (IU/kg)	0027	91.234	2.3240	102.36	17.507	4.8868	19	-0.64	5%	0
109.02	Vitamin E, LC (IU/kg)	0208	93.841	3.6450	102.36	17.507	4.8868	19	-0.49	4%	0
109.02	Vitamin E, LC (IU/kg)	0555	97.000	16.000	102.36	17.507	4.8868	19	-0.31	3%	0
109.02	Vitamin E, LC (IU/kg)	0905	99.000	4.0000	102.36	17.507	4.8868	19	-0.19	2%	0
109.02	Vitamin E, LC (IU/kg)	0098	105.00	10.000	102.36	17.507	4.8868	19	0.15	1%	0
109.02	Vitamin E, LC (IU/kg)	0036	108.90	1.0000	102.36	17.507	4.8868	19	0.37	3%	0
109.02	Vitamin E, LC (IU/kg)	0610	109.00	8.0000	102.36	17.507	4.8868	19	0.38	3%	0
109.02	Vitamin E, LC (IU/kg)	0227	109.50	3.0000	102.36	17.507	4.8868	19	0.41	3%	0
109.02	Vitamin E, LC (IU/kg)	0676	110.65	2.1000	102.36	17.507	4.8868	19	0.47	4%	0
109.02	Vitamin E, LC (IU/kg)	0941	111.32	6.3700	102.36	17.507	4.8868	19	0.51	4%	0
109.02	Vitamin E, LC (IU/kg)	0861	115.00	10.000	102.36	17.507	4.8868	19	0.72	6%	0
109.02	Vitamin E, LC (IU/kg)	0910	120.55	5.1000	102.36	17.507	4.8868	19	1.04	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			
109.02	Vitamin E, LC (IU/kg)	0148	134.44	10.860	102.36	17.507	4.8868	19	1.83	16%	0
109.02	Vitamin E, LC (IU/kg)	0563	145.27	0.50990	102.36	17.507	4.8868	19	2.45	21%	0
109.02	Vitamin E, LC (IU/kg)	0038	130.65	25.700	102.36	17.507	4.8868	19	1.62	14%	1
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0904	123.49	12.500			12.500	1			0
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0910	61.600	5.6000			5.6000	1			0
111.99	Vitamin C, phosphorylated, Miscellaneous (mg / kg (ppm))	0208	81.750	9.9000			9.9000	1			0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0904	8.3200	0.64000			0.64000	1			0
112.01	Pyridoxine, LC (µg / g)	2053	3.2000	0.20000	8.3783	4.6928	0.18333	3			0
112.01	Pyridoxine, LC (µg / g)	0208	9.5850	0.25000	8.3783	4.6928	0.18333	3			0
112.01	Pyridoxine, LC (µg / g)	0227	12.350	0.10000	8.3783	4.6928	0.18333	3			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0208	4.3050	0.17000			0.20000	2			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	4.5850	0.23000			0.20000	2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	1.0400	0.04000			0.04000	1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.4450	0.01000	1.5257	0.04275	0.01443	11	-1.89	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.4850	0.03000	1.5257	0.04275	0.01443	11	-0.95	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.5050	0.03000	1.5257	0.04275	0.01443	11	-0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.5055	0.00700	1.5257	0.04275	0.01443	11	-0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.5160	0.01400	1.5257	0.04275	0.01443	11	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.5160	0.01200	1.5257	0.04275	0.01443	11	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.5260	0.00600	1.5257	0.04275	0.01443	11	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.5521	0.00540	1.5257	0.04275	0.01443	11	0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.5600	0.02000	1.5257	0.04275	0.01443	11	0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.5709	0.00230	1.5257	0.04275	0.01443	11	1.06	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.5850	0.02200	1.5257	0.04275	0.01443	11	1.39	2%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	1.3835	0.01300			0.01300	1			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.5890	0.01000			0.01000	1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.2860	0.01200			0.03100	2			0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.4050	0.05000			0.03100	2			0
120.99	Alanine, Miscellaneous (%)	0904	1.4800	0.12000			0.12000	1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	2.3227	0.00850	2.4625	0.07147	0.03147	12	-1.96	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	2.3800	0.00000	2.4625	0.07147	0.03147	12	-1.15	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	2.3950	0.07000	2.4625	0.07147	0.03147	12	-0.94	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	2.4085	0.03500	2.4625	0.07147	0.03147	12	-0.76	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	2.4415	0.02500	2.4625	0.07147	0.03147	12	-0.29	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	2.4725	0.07300	2.4625	0.07147	0.03147	12	0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	2.4752	0.00080	2.4625	0.07147	0.03147	12	0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	2.4865	0.01500	2.4625	0.07147	0.03147	12	0.34	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	2.5100	0.06000	2.4625	0.07147	0.03147	12	0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	2.5115	0.01500	2.4625	0.07147	0.03147	12	0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	2.5264	0.02530	2.4625	0.07147	0.03147	12	0.89	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	2.6350	0.05000	2.4625	0.07147	0.03147	12	2.41	4%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	2.5545	0.02700			0.02700	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			
121.02	Arginine, Post-col OPA Der (%)	0098	2.4595	0.01900			0.01900	1			0
121.05	Arginine, Pre-col AQC Der (%)	0939	2.2800	0.10000			0.07600	2			0
121.05	Arginine, Pre-col AQC Der (%)	0626	2.4400	0.05200			0.07600	2			0
121.99	Arginine, Miscellaneous (%)	0904	2.7650	0.05000			0.05000	1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.2800	0.04000	2.3979	0.08077	0.02250	12	-1.46	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.3300	0.04000	2.3979	0.08077	0.02250	12	-0.84	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	2.3398	0.00600	2.3979	0.08077	0.02250	12	-0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.3520	0.01400	2.3979	0.08077	0.02250	12	-0.57	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.3560	0.01200	2.3979	0.08077	0.02250	12	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.3850	0.00200	2.3979	0.08077	0.02250	12	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.3950	0.05000	2.3979	0.08077	0.02250	12	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.4160	0.01600	2.3979	0.08077	0.02250	12	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.4386	0.00770	2.3979	0.08077	0.02250	12	0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.4825	0.05300	2.3979	0.08077	0.02250	12	1.05	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.5008	0.02930	2.3979	0.08077	0.02250	12	1.27	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.5900	0.00000	2.3979	0.08077	0.02250	12	2.38	4%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	2.2245	0.07300			0.07300	1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.4615	0.18300			0.18300	1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.2775	0.08100			0.13550	2			0
122.05	Aspartic, Pre-col AQC Der (%)	0939	2.3150	0.19000			0.13550	2			0
122.99	Aspartic, Miscellaneous (%)	0904	2.0350	0.01000			0.01000	1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.84000	0.00000	0.94212	0.06360	0.01683	12	-1.61	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.86895	0.04990	0.94212	0.06360	0.01683	12	-1.15	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.88050	0.00900	0.94212	0.06360	0.01683	12	-0.97	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.90400	0.02000	0.94212	0.06360	0.01683	12	-0.60	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	0.92060	0.00320	0.94212	0.06360	0.01683	12	-0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.95000	0.00000	0.94212	0.06360	0.01683	12	0.12	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.95570	0.03680	0.94212	0.06360	0.01683	12	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.95900	0.00400	0.94212	0.06360	0.01683	12	0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.97300	0.01400	0.94212	0.06360	0.01683	12	0.49	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.97850	0.00500	0.94212	0.06360	0.01683	12	0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	1.0150	0.03000	0.94212	0.06360	0.01683	12	1.15	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	1.1250	0.03000	0.94212	0.06360	0.01683	12	2.88	10%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.96850	0.04700			0.04700	1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	1.0680	0.01000			0.01000	1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.80000	0.00000			0.00000	1			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.65500	0.07000			0.07000	1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.8200	0.06000	5.0830	0.13049	0.05706	12	-2.02	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.8925	0.03500	5.0830	0.13049	0.05706	12	-1.46	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.9730	0.03000	5.0830	0.13049	0.05706	12	-0.84	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	5.0365	0.07300	5.0830	0.13049	0.05706	12	-0.36	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	5.0700	0.10000	5.0830	0.13049	0.05706	12	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	5.0800	0.04000	5.0830	0.13049	0.05706	12	-0.02	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	5.0970	0.09210	5.0830	0.13049	0.05706	12	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	5.1330	0.04800	5.0830	0.13049	0.05706	12	0.38	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	5.1687	0.01290	5.0830	0.13049	0.05706	12	0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	5.1762	0.01070	5.0830	0.13049	0.05706	12	0.71	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	5.1825	0.09300	5.0830	0.13049	0.05706	12	0.76	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	5.3050	0.09000	5.0830	0.13049	0.05706	12	1.70	2%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	4.9875	0.01100			0.01100	1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	5.0305	0.00700			0.00700	1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.7135	0.02700			0.04350	2			0
125.05	Glutamic, Pre-col AQC Der (%)	0939	4.9900	0.06000			0.04350	2			0
125.99	Glutamic, Miscellaneous (%)	0904	4.8600	0.18000			0.18000	1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	1.6551	0.01620	1.7564	0.03284	0.02417	12	-3.08	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.7000	0.04000	1.7564	0.03284	0.02417	12	-1.72	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.7305	0.01900	1.7564	0.03284	0.02417	12	-0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.7400	0.06000	1.7564	0.03284	0.02417	12	-0.50	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.7445	0.00500	1.7564	0.03284	0.02417	12	-0.36	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.7475	0.00700	1.7564	0.03284	0.02417	12	-0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.7677	0.01660	1.7564	0.03284	0.02417	12	0.34	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.7680	0.04400	1.7564	0.03284	0.02417	12	0.35	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.7700	0.04000	1.7564	0.03284	0.02417	12	0.41	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.7780	0.01000	1.7564	0.03284	0.02417	12	0.66	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.8381	0.01220	1.7564	0.03284	0.02417	12	2.49	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.8800	0.02000	1.7564	0.03284	0.02417	12	3.76	4%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	1.7300	0.05400			0.05400	1			0
126.02	Glycine, Post-col OPA Der (%)	0098	1.8055	0.00300			0.00300	1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.6905	0.02900			0.04950	2			0
126.05	Glycine, Pre-col AQC Der (%)	0939	1.7350	0.07000			0.04950	2			0
126.99	Glycine, Miscellaneous (%)	0904	2.0000	0.10000			0.10000	1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.60000	0.04000	0.63989	0.02716	0.01718	12	-1.47	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.60775	0.00490	0.63989	0.02716	0.01718	12	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.62050	0.01900	0.63989	0.02716	0.01718	12	-0.71	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.62970	0.00480	0.63989	0.02716	0.01718	12	-0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.63000	0.02000	0.63989	0.02716	0.01718	12	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.63650	0.00300	0.63989	0.02716	0.01718	12	-0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.64000	0.00800	0.63989	0.02716	0.01718	12	0.00	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.65000	0.06000	0.63989	0.02716	0.01718	12	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.65700	0.01600	0.63989	0.02716	0.01718	12	0.63	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.65970	0.00940	0.63989	0.02716	0.01718	12	0.73	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.67100	0.00200	0.63989	0.02716	0.01718	12	1.15	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.67650	0.01900	0.63989	0.02716	0.01718	12	1.35	3%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.25850	0.01100			0.01100	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			
127.02	Histidine, Post-col OPA Der (%)	0098	0.63150	0.01700			0.01700	1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.64300	0.00600			0.01800	2			0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.67500	0.03000			0.01800	2			0
127.99	Histidine, Miscellaneous (%)	0904	0.82000	0.02000			0.02000	1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.1650	0.01000	1.2205	0.02967	0.01548	12	-1.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.1993	0.05240	1.2205	0.02967	0.01548	12	-0.71	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.2000	0.00600	1.2205	0.02967	0.01548	12	-0.69	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.2015	0.03500	1.2205	0.02967	0.01548	12	-0.64	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.2060	0.01800	1.2205	0.02967	0.01548	12	-0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.2100	0.00000	1.2205	0.02967	0.01548	12	-0.35	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.2150	0.01000	1.2205	0.02967	0.01548	12	-0.19	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.2377	0.02070	1.2205	0.02967	0.01548	12	0.58	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.2400	0.00000	1.2205	0.02967	0.01548	12	0.66	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	1.2504	0.01360	1.2205	0.02967	0.01548	12	1.01	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.2750	0.01000	1.2205	0.02967	0.01548	12	1.84	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.2790	0.01000	1.2205	0.02967	0.01548	12	1.97	2%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	1.1835	0.07100			0.07100	1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.2485	0.04500			0.04500	1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.1600	0.03800			0.05900	2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	1.2100	0.08000			0.05900	2			0
128.99	Isoleucine, Miscellaneous (%)	0904	1.2000	0.04000			0.04000	1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.2450	0.05000	2.3862	0.06262	0.02566	12	-2.26	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	2.3155	0.01540	2.3862	0.06262	0.02566	12	-1.13	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.3526	0.02670	2.3862	0.06262	0.02566	12	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.3575	0.01100	2.3862	0.06262	0.02566	12	-0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.3650	0.01000	2.3862	0.06262	0.02566	12	-0.34	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.3690	0.00400	2.3862	0.06262	0.02566	12	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.3800	0.04000	2.3862	0.06262	0.02566	12	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.4135	0.01100	2.3862	0.06262	0.02566	12	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.4261	0.04180	2.3862	0.06262	0.02566	12	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.4400	0.02600	2.3862	0.06262	0.02566	12	0.86	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.4480	0.04200	2.3862	0.06262	0.02566	12	0.99	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.5450	0.03000	2.3862	0.06262	0.02566	12	2.54	3%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	2.1895	0.03900			0.03900	1			0
129.02	Leucine, Post-col OPA Der (%)	0098	2.4635	0.06500			0.06500	1			0
129.05	Leucine, Pre-col AQC Der (%)	0939	2.2300	0.16000			0.09850	2			0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.2365	0.03700			0.09850	2			0
129.99	Leucine, Miscellaneous (%)	0904	2.4550	0.11000			0.11000	1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.94000	0.02000	1.0254	0.03466	0.01435	11	-2.46	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.98500	0.03000	1.0254	0.03466	0.01435	11	-1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.0000	0.01200	1.0254	0.03466	0.01435	11	-0.73	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	1.0198	0.00210	1.0254	0.03466	0.01435	11	-0.16	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			
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.0245	0.00700	1.0254	0.03466	0.01435	11	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.0269	0.01960	1.0254	0.03466	0.01435	11	0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.0280	0.02400	1.0254	0.03466	0.01435	11	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.0330	0.01000	1.0254	0.03466	0.01435	11	0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.0500	0.02000	1.0254	0.03466	0.01435	11	0.71	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.0596	0.00810	1.0254	0.03466	0.01435	11	0.98	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.1125	0.00500	1.0254	0.03466	0.01435	11	2.51	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.0850	0.11000	1.0254	0.03466	0.01435	11	1.72	3%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.94400	0.04000			0.04000	1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0895	0.01100			0.01100	1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.97450	0.01900	0.99017	0.01575	0.01300	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.99000	0.02000	0.99017	0.01575	0.01300	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.0060	0.00000	0.99017	0.01575	0.01300	3			0
130.99	L-Lysine, Miscellaneous (%)	2053	0.95850	0.06700			0.09350	2			0
130.99	L-Lysine, Miscellaneous (%)	0904	1.1400	0.12000			0.09350	2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.34500	0.00400	0.39740	0.03666	0.00641	12	-1.43	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.34950	0.00300	0.39740	0.03666	0.00641	12	-1.31	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.37150	0.00100	0.39740	0.03666	0.00641	12	-0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.38000	0.02000	0.39740	0.03666	0.00641	12	-0.47	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.38500	0.01000	0.39740	0.03666	0.00641	12	-0.34	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.39535	0.00550	0.39740	0.03666	0.00641	12	-0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.39850	0.00100	0.39740	0.03666	0.00641	12	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.41000	0.00000	0.39740	0.03666	0.00641	12	0.34	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.41445	0.00230	0.39740	0.03666	0.00641	12	0.46	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.42600	0.01400	0.39740	0.03666	0.00641	12	0.78	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.45500	0.01000	0.39740	0.03666	0.00641	12	1.57	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.45755	0.00610	0.39740	0.03666	0.00641	12	1.64	8%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.38300	0.01000			0.01000	1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.38350	0.00900			0.00900	1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.34000	0.03800			0.05400	2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.34500	0.07000			0.05400	2			0
131.99	Methionine, Miscellaneous (%)	0904	0.35000	0.02000			0.02000	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	1.4503	0.00590	1.5311	0.04609	0.01891	12	-1.75	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.4550	0.03000	1.5311	0.04609	0.01891	12	-1.65	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.4606	0.01600	1.5311	0.04609	0.01891	12	-1.53	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.5170	0.01000	1.5311	0.04609	0.01891	12	-0.31	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.5175	0.01200	1.5311	0.04609	0.01891	12	-0.29	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.5350	0.03000	1.5311	0.04609	0.01891	12	0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.5370	0.00600	1.5311	0.04609	0.01891	12	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.5420	0.02800	1.5311	0.04609	0.01891	12	0.24	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.5600	0.02000	1.5311	0.04609	0.01891	12	0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.5665	0.01300	1.5311	0.04609	0.01891	12	0.77	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.5750	0.00600	1.5311	0.04609	0.01891	12	0.95	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.6150	0.05000	1.5311	0.04609	0.01891	12	1.82	3%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	1.4925	0.02100			0.02100	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.5575	0.03100			0.03100	1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.4570	0.02600			0.06300	2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	1.4600	0.10000			0.06300	2			0
132.99	Phenylalanine, Miscellaneous (%)	0904	1.5450	0.05000			0.05000	1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	2.0225	0.01100	2.2128	0.13756	0.03350	11	-1.38	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	2.0293	0.11760	2.2128	0.13756	0.03350	11	-1.33	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	2.1300	0.04000	2.2128	0.13756	0.03350	11	-0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	2.1640	0.00600	2.2128	0.13756	0.03350	11	-0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	2.1900	0.03380	2.2128	0.13756	0.03350	11	-0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	2.2195	0.03100	2.2128	0.13756	0.03350	11	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	2.2650	0.03000	2.2128	0.13756	0.03350	11	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	2.2650	0.07000	2.2128	0.13756	0.03350	11	0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	2.3065	0.00700	2.2128	0.13756	0.03350	11	0.68	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	2.3330	0.00800	2.2128	0.13756	0.03350	11	0.87	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	3.3981	0.01410	2.2128	0.13756	0.03350	11	8.62	27%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	2.2600	0.18000	2.2128	0.13756	0.03350	11	0.34	1%	1
133.05	Proline, Pre-col AQC Der (%)	0939	2.1750	0.07000			0.04700	2			0
133.05	Proline, Pre-col AQC Der (%)	0626	2.2070	0.02400			0.04700	2			0
133.99	Proline, Miscellaneous (%)	0904	2.5800	0.10000			0.10000	1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	2.0650	0.01000	2.1796	0.05139	0.02216	12	-2.23	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	2.1290	0.01000	2.1796	0.05139	0.02216	12	-0.99	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	2.1305	0.00850	2.1796	0.05139	0.02216	12	-0.96	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	2.1625	0.04310	2.1796	0.05139	0.02216	12	-0.33	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	2.1695	0.02700	2.1796	0.05139	0.02216	12	-0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	2.1750	0.05000	2.1796	0.05139	0.02216	12	-0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	2.1780	0.01600	2.1796	0.05139	0.02216	12	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	2.1815	0.01900	2.1796	0.05139	0.02216	12	0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	2.1900	0.02000	2.1796	0.05139	0.02216	12	0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	2.2500	0.00800	2.1796	0.05139	0.02216	12	1.37	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	2.3600	0.04430	2.1796	0.05139	0.02216	12	3.51	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	2.4350	0.01000	2.1796	0.05139	0.02216	12	4.97	6%	0
134.01	Serine, Pre-col OPA Der (%)	0297	2.5495	0.02700			0.02700	1			0
134.02	Serine, Post-col OPA Der (%)	0098	2.1515	0.14300			0.14300	1			0
134.05	Serine, Pre-col AQC Der (%)	0626	2.1365	0.03900			0.03450	2			0
134.05	Serine, Pre-col AQC Der (%)	0939	2.1450	0.03000			0.03450	2			0
134.99	Serine, Miscellaneous (%)	0904	2.4150	0.05000			0.05000	1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.1550	0.05000	1.2406	0.06260	0.02098	12	-1.37	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	1.1553	0.00420	1.2406	0.06260	0.02098	12	-1.36	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.2075	0.00300	1.2406	0.06260	0.02098	12	-0.53	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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.2090	0.00800	1.2406	0.06260	0.02098	12	-0.50	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.2255	0.00500	1.2406	0.06260	0.02098	12	-0.24	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.2300	0.04000	1.2406	0.06260	0.02098	12	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.2350	0.03000	1.2406	0.06260	0.02098	12	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.2620	0.01400	1.2406	0.06260	0.02098	12	0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.2771	0.00900	1.2406	0.06260	0.02098	12	0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.3007	0.00460	1.2406	0.06260	0.02098	12	0.96	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.3250	0.01000	1.2406	0.06260	0.02098	12	1.35	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.3530	0.07400	1.2406	0.06260	0.02098	12	1.80	5%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	1.3335	0.02900			0.02900	1			0
135.02	Threonine, Post-col OPA Der (%)	0098	1.2390	0.04000			0.04000	1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.1735	0.02900			0.03950	2			0
135.05	Threonine, Pre-col AQC Der (%)	0939	1.1850	0.05000			0.03950	2			0
135.99	Threonine, Miscellaneous (%)	0904	1.2850	0.01000			0.01000	1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.29000	0.04000	0.33699	0.02707	0.01383	7	-1.74	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.29500	0.00800	0.33699	0.02707	0.01383	7	-1.55	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.32295	0.01770	0.33699	0.02707	0.01383	7	-0.52	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.34865	0.01190	0.33699	0.02707	0.01383	7	0.43	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.34970	0.00120	0.33699	0.02707	0.01383	7	0.47	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.35500	0.01000	0.33699	0.02707	0.01383	7	0.67	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.36700	0.00800	0.33699	0.02707	0.01383	7	1.11	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2052	0.25800	0.00400	0.29417	0.03363	0.00233	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.30000	0.00200	0.29417	0.03363	0.00233	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.32450	0.00100	0.29417	0.03363	0.00233	3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.31500	0.00200			0.00200	1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0859	0.30350	0.00500			0.00500	1			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.20500	0.01000			0.01000	1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.63195	0.01090	0.90937	0.13480	0.02022	9	-2.06	15%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.74000	0.00000	0.90937	0.13480	0.02022	9	-1.26	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.82000	0.04000	0.90937	0.13480	0.02022	9	-0.66	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.92050	0.06100	0.90937	0.13480	0.02022	9	0.08	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.92400	0.00000	0.90937	0.13480	0.02022	9	0.11	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.94250	0.00900	0.90937	0.13480	0.02022	9	0.25	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.97900	0.01600	0.90937	0.13480	0.02022	9	0.52	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	1.0038	0.00250	0.90937	0.13480	0.02022	9	0.70	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	1.1386	0.04260	0.90937	0.13480	0.02022	9	1.70	13%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.90600	0.00800			0.00800	1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.88900	0.10400			0.10400	1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.74850	0.03300			0.02150	2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.83500	0.01000			0.02150	2			0
137.99	Tyrosine, Miscellaneous (%)	0904	1.0050	0.03000			0.03000	1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.6700	0.04200	1.7787	0.06208	0.03277	12	-1.75	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			
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.6880	0.00800	1.7787	0.06208	0.03277	12	-1.46	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.7300	0.08000	1.7787	0.06208	0.03277	12	-0.78	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.7450	0.01000	1.7787	0.06208	0.03277	12	-0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	1.7624	0.03750	1.7787	0.06208	0.03277	12	-0.26	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.7720	0.00200	1.7787	0.06208	0.03277	12	-0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.7900	0.00000	1.7787	0.06208	0.03277	12	0.18	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.7995	0.10410	1.7787	0.06208	0.03277	12	0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.8130	0.02400	1.7787	0.06208	0.03277	12	0.55	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.8197	0.01660	1.7787	0.06208	0.03277	12	0.66	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.8550	0.05000	1.7787	0.06208	0.03277	12	1.23	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.8615	0.01900	1.7787	0.06208	0.03277	12	1.33	2%	0
138.01	Valine, Pre-col OPA Der (%)	0297	1.7205	0.07900			0.07900	1			0
138.02	Valine, Post-col OPA Der (%)	0098	1.8130	0.02600			0.02600	1			0
138.05	Valine, Pre-col AQC Der (%)	0939	1.6950	0.15000			0.09650	2			0
138.05	Valine, Pre-col AQC Der (%)	0626	1.7575	0.04300			0.09650	2			0
138.99	Valine, Miscellaneous (%)	0904	1.6250	0.05000			0.05000	1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
160.99	Fructose, Miscellaneous (%)	0904	0.15000	0.06000	0.24020	0.09232	0.03320	5	-0.98	19%	0
160.99	Fructose, Miscellaneous (%)	0227	0.18500	0.03000	0.24020	0.09232	0.03320	5	-0.60	11%	0
160.99	Fructose, Miscellaneous (%)	0619	0.18600	0.00400	0.24020	0.09232	0.03320	5	-0.59	11%	0
160.99	Fructose, Miscellaneous (%)	0297	0.33500	0.06200	0.24020	0.09232	0.03320	5	1.03	20%	0
160.99	Fructose, Miscellaneous (%)	0889	0.34500	0.01000	0.24020	0.09232	0.03320	5	1.14	22%	0
162.99	Glucose, Miscellaneous (%)	0904	0.06500	0.01000	0.21780	0.15360	0.03040	5	-0.99	35%	0
162.99	Glucose, Miscellaneous (%)	0619	0.09900	0.00000	0.21780	0.15360	0.03040	5	-0.77	27%	0
162.99	Glucose, Miscellaneous (%)	0297	0.23000	0.07200	0.21780	0.15360	0.03040	5	0.08	3%	0
162.99	Glucose, Miscellaneous (%)	0227	0.24000	0.04000	0.21780	0.15360	0.03040	5	0.14	5%	0
162.99	Glucose, Miscellaneous (%)	0889	0.45500	0.03000	0.21780	0.15360	0.03040	5	1.54	54%	0
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000			0.00000	0			4
164.99	Maltose, Miscellaneous (%)	0297	0.36950	0.06500			0.06500	1			0
165.99	Sucrose, Miscellaneous (%)	0619	0.93350	0.00300	1.0487	0.08882	0.08150	6	-1.30	5%	0
165.99	Sucrose, Miscellaneous (%)	0889	0.98000	0.02000	1.0487	0.08882	0.08150	6	-0.77	3%	0
165.99	Sucrose, Miscellaneous (%)	0904	1.0300	0.14000	1.0487	0.08882	0.08150	6	-0.21	1%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.1000	0.00000	1.0487	0.08882	0.08150	6	0.58	2%	0
165.99	Sucrose, Miscellaneous (%)	0297	1.1190	0.15600	1.0487	0.08882	0.08150	6	0.79	3%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.1250	0.17000	1.0487	0.08882	0.08150	6	0.86	4%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.96500	0.05000	1.1719	0.24164	0.05075	4	-0.86	9%	0
166.99	Raffinose, Miscellaneous (%)	0619	1.0240	0.00800	1.1719	0.24164	0.05075	4	-0.61	6%	0
166.99	Raffinose, Miscellaneous (%)	0904	1.1950	0.11000	1.1719	0.24164	0.05075	4	0.10	1%	0
166.99	Raffinose, Miscellaneous (%)	0297	1.5035	0.03500	1.1719	0.24164	0.05075	4	1.37	14%	0
167.99	Stachyose, Miscellaneous (%)	0227	0.14000	0.00000	0.40783	0.24678	0.01567	3			0
167.99	Stachyose, Miscellaneous (%)	0297	0.45750	0.04100	0.40783	0.24678	0.01567	3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.62600	0.00600	0.40783	0.24678	0.01567	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			
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.52650	0.01100	0.54697	0.03247	0.00420	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.53000	0.00000	0.54697	0.03247	0.00420	3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.58440	0.00160	0.54697	0.03247	0.00420	3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.52700	0.01400			0.01400	1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.13500	0.01000			0.01000	1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.27810	0.22620			0.22620	1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.14600	0.00800			0.01400	2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.15000	0.02000			0.01400	2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.13650	0.00700	0.18139	0.03285	0.02022	5	-1.37	12%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.17100	0.04400	0.18139	0.03285	0.02022	5	-0.32	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.17195	0.02110	0.18139	0.03285	0.02022	5	-0.29	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.21150	0.01900	0.18139	0.03285	0.02022	5	0.92	8%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.21600	0.01000	0.18139	0.03285	0.02022	5	1.05	10%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.05500	0.01000			0.00500	2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.06600	0.00000			0.00500	2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.06660	0.00360			0.00360	1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.05900	0.00600			0.00425	2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.06925	0.00250			0.00425	2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.06350	0.00100	0.07372	0.00775	0.00452	5	-1.32	7%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.07075	0.00330	0.07372	0.00775	0.00452	5	-0.38	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.07185	0.00530	0.07372	0.00775	0.00452	5	-0.24	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07900	0.00800	0.07372	0.00775	0.00452	5	0.68	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08350	0.00500	0.07372	0.00775	0.00452	5	1.26	7%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	2.8495	0.11600			0.10800	2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	3.5500	0.10000			0.10800	2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2055	1.5000	0.20000			0.20000	1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	4.4873	0.19580	4.7031	0.32509	0.19593	3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	4.5450	0.19000	4.7031	0.32509	0.19593	3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0508	5.0770	0.20200	4.7031	0.32509	0.19593	3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.4000	0.00000			0.00000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.5549	0.03540	3.3560	1.5610	0.28913	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	4.1950	0.55000	3.3560	1.5610	0.28913	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	4.3180	0.28200	3.3560	1.5610	0.28913	3			0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	3.6005	0.04300			0.04300	1			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.13100	0.00000			0.00500	2			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	0.39500	0.01000			0.00500	2			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.10795	0.04750			0.04750	1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.20100	0.03600				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000				1			4
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.10650	0.00300	0.12770	0.02058	0.00660	5	-1.03	8%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.11400	0.00600	0.12770	0.02058	0.00660	5	-0.67	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.11850	0.00900	0.12770	0.02058	0.00660	5	-0.45	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			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.14925	0.00550	0.12770	0.02058	0.00660	5	1.05	8%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.15025	0.00950	0.12770	0.02058	0.00660	5	1.10	9%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	0.00000	0.00000				0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	0.00000	0.00000				0			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	2.6858	0.03450			0.03450	1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0508	2.9760	0.04600			0.07420	2			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	3.2716	0.10240			0.07420	2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.3500	0.30000			0.30000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.8427	0.00540			0.16770	2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.9850	0.33000			0.16770	2			0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0723	2.0500	0.00000							0
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							4
600.98	Total Aflatoxin, Other Rapid Test Kit (µg / kg (ppb))	0880	4.0500	1.9000							0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00350	0.00100			0.00100	1			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali H	0904	20.935	0.57000			0.57000	1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0904	1.5850	0.01000			0.01000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.07850	0.00100			0.00100	1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali H	0904	24.290	0.04000			0.04000	1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by	0904	44.630	0.24000			0.24000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.6800	0.02400			0.02400	1			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	0904	1.7850	0.01000			0.01000	1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.10700	0.00200			0.00200	1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.00600	0.00000			0.00000	1			0
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0904	0.00000	0.00000			0.00000	0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.00100	0.00000			0.00000	1			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.00100	0.00000			0.00000	1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0676	0.00000	0.00000			0.00000	0			4
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct	0904	1.7900	0.00000			0.00000	1			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct	0676	0.11000	0.00000			0.00000	1			0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct	0904	44.805	0.43000			0.43000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct	0676	2.6950	0.03000			0.03000	1			0
758.01	Total Saturated Fatty Acids, Direct Methylation by	0904	26.955	0.48900			0.48900	1			0
762.01	Total Monounsaturated Fatty Acids, Direct Methylation	0904	26.379	0.08300			0.08300	1			0
766.01	Total Polyunsaturated Fatty Acids, Direct Methylation	0904	46.160	0.58000			0.58000	1			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.