



Proficiency For Individual Methods

Sample # 201527

Chick Starter, Medicated

All Tests Report
Regular Program

Labs Reporting: 225

Issue Date : 08/31/2015

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	0.30000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	8.5450	0.51000	9.8711	0.61361	0.25622	9	-2.16	7%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	9.1650	0.08000	9.8711	0.61361	0.25622	9	-1.15	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	9.3925	0.53500	9.8711	0.61361	0.25622	9	-0.78	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	9.7000	0.16000	9.8711	0.61361	0.25622	9	-0.28	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	10.136	0.24100	9.8711	0.61361	0.25622	9	0.43	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	10.140	0.06000	9.8711	0.61361	0.25622	9	0.44	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.160	0.68000	9.8711	0.61361	0.25622	9	0.47	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	10.270	0.02000	9.8711	0.61361	0.25622	9	0.65	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	10.710	0.02000	9.8711	0.61361	0.25622	9	1.37	4%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	9.8400	0.04000	10.034	0.11435	0.03164	14	-1.69	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.8700	0.02000	10.034	0.11435	0.03164	14	-1.43	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	9.8750	0.01000	10.034	0.11435	0.03164	14	-1.39	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	9.9050	0.11000	10.034	0.11435	0.03164	14	-1.12	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.9470	0.08300	10.034	0.11435	0.03164	14	-0.76	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	10.005	0.01000	10.034	0.11435	0.03164	14	-0.25	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	10.050	0.10000	10.034	0.11435	0.03164	14	0.14	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0900	10.080	0.00000	10.034	0.11435	0.03164	14	0.41	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	10.090	0.02000	10.034	0.11435	0.03164	14	0.49	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	10.100	0.02000	10.034	0.11435	0.03164	14	0.58	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	10.100	0.02000	10.034	0.11435	0.03164	14	0.58	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	10.110	0.00000	10.034	0.11435	0.03164	14	0.67	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	10.145	0.01000	10.034	0.11435	0.03164	14	0.97	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	10.600	0.00000	10.034	0.11435	0.03164	14	4.95	3%	0
001.05	Loss on Drying, LECO (%)	0610	9.8700	0.02000			0.02000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.2850	0.41000	9.8488	0.26552	0.12027	37	-13.42	18%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.3650	0.45000	9.8488	0.26552	0.12027	37	-5.59	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.4350	0.25000	9.8488	0.26552	0.12027	37	-5.32	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	9.0500	0.04000	9.8488	0.26552	0.12027	37	-3.01	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.2100	0.18000	9.8488	0.26552	0.12027	37	-2.41	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.5950	0.11000	9.8488	0.26552	0.12027	37	-0.96	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.6550	0.01000	9.8488	0.26552	0.12027	37	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	9.6650	0.11000	9.8488	0.26552	0.12027	37	-0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.6750	0.05000	9.8488	0.26552	0.12027	37	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.6750	0.01000	9.8488	0.26552	0.12027	37	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.7000	0.40000	9.8488	0.26552	0.12027	37	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.7100	0.20000	9.8488	0.26552	0.12027	37	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.7500	0.30000	9.8488	0.26552	0.12027	37	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.7600	0.06000	9.8488	0.26552	0.12027	37	-0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.7850	0.05000	9.8488	0.26552	0.12027	37	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.7950	0.01000	9.8488	0.26552	0.12027	37	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.8000	0.06000	9.8488	0.26552	0.12027	37	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.8350	0.03000	9.8488	0.26552	0.12027	37	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.8500	0.18000	9.8488	0.26552	0.12027	37	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.9000	0.20000	9.8488	0.26552	0.12027	37	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.9100	0.00000	9.8488	0.26552	0.12027	37	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.9100	0.02000	9.8488	0.26552	0.12027	37	0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	9.9150	0.05000	9.8488	0.26552	0.12027	37	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.9500	0.12000	9.8488	0.26552	0.12027	37	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	9.9500	0.00000	9.8488	0.26552	0.12027	37	0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.9950	0.11000	9.8488	0.26552	0.12027	37	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	10.000	0.00000	9.8488	0.26552	0.12027	37	0.57	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	10.040	0.24000	9.8488	0.26552	0.12027	37	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	10.040	0.16000	9.8488	0.26552	0.12027	37	0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	10.050	0.16000	9.8488	0.26552	0.12027	37	0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	10.055	0.11000	9.8488	0.26552	0.12027	37	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.070	0.02000	9.8488	0.26552	0.12027	37	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	10.150	0.02000	9.8488	0.26552	0.12027	37	1.13	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	10.200	0.00000	9.8488	0.26552	0.12027	37	1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	10.345	0.03000	9.8488	0.26552	0.12027	37	1.87	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.350	0.30000	9.8488	0.26552	0.12027	37	1.89	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	10.450	0.00000	9.8488	0.26552	0.12027	37	2.26	3%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.7850	0.15000			0.14000	2	-0.71	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	10.045	0.13000			0.14000	2	0.71	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	8.1150	0.19000	9.7309	0.57623	0.16167	18	-2.80	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	9.1450	0.35000	9.7309	0.57623	0.16167	18	-1.02	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0853	9.1550	0.55000	9.7309	0.57623	0.16167	18	-1.00	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.1850	0.21000	9.7309	0.57623	0.16167	18	-0.95	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.2500	0.10000	9.7309	0.57623	0.16167	18	-0.83	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	9.4150	0.07000	9.7309	0.57623	0.16167	18	-0.55	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.4200	0.02000	9.7309	0.57623	0.16167	18	-0.54	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.4450	0.25000	9.7309	0.57623	0.16167	18	-0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.7250	0.49000	9.7309	0.57623	0.16167	18	-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			
001.99	Loss on Drying, Miscellaneous (%)	0676	9.8300	0.04000	9.7309	0.57623	0.16167	18	0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	9.9050	0.01000	9.7309	0.57623	0.16167	18	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.9900	0.24000	9.7309	0.57623	0.16167	18	0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	10.175	0.07000	9.7309	0.57623	0.16167	18	0.77	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	10.190	0.00000	9.7309	0.57623	0.16167	18	0.80	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	10.215	0.01000	9.7309	0.57623	0.16167	18	0.84	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	10.380	0.02000	9.7309	0.57623	0.16167	18	1.13	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	10.385	0.05000	9.7309	0.57623	0.16167	18	1.14	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.480	0.24000	9.7309	0.57623	0.16167	18	1.30	4%	0
002.00	Protein, Crude (%)	0581	15.985	1.1700	20.698	0.39238	0.52000	4	-1.49	9%	0
002.00	Protein, Crude (%)	0940	20.390	0.00000	20.698	0.39238	0.52000	4	0.37	2%	0
002.00	Protein, Crude (%)	0028	20.565	0.57000	20.698	0.39238	0.52000	4	0.44	3%	0
002.00	Protein, Crude (%)	0845	21.140	0.34000	20.698	0.39238	0.52000	4	0.68	4%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	20.370	0.04000	20.692	0.21506	0.10233	15	-1.50	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	20.469	0.24100	20.692	0.21506	0.10233	15	-1.04	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	20.490	0.18000	20.692	0.21506	0.10233	15	-0.94	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	20.495	0.05000	20.692	0.21506	0.10233	15	-0.91	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	2023	20.550	0.08000	20.692	0.21506	0.10233	15	-0.66	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0199	20.625	0.03000	20.692	0.21506	0.10233	15	-0.31	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	20.674	0.01100	20.692	0.21506	0.10233	15	-0.08	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0062	20.720	0.05300	20.692	0.21506	0.10233	15	0.13	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	20.730	0.00000	20.692	0.21506	0.10233	15	0.18	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	20.750	0.10000	20.692	0.21506	0.10233	15	0.27	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	20.815	0.05000	20.692	0.21506	0.10233	15	0.57	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	20.865	0.39000	20.692	0.21506	0.10233	15	0.81	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	20.900	0.20000	20.692	0.21506	0.10233	15	0.97	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	20.910	0.10000	20.692	0.21506	0.10233	15	1.01	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0896	21.015	0.01000	20.692	0.21506	0.10233	15	1.50	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	19.915	0.15000	20.932	0.06150	0.07295	4	-1.49	2%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	20.880	0.10000	20.932	0.06150	0.07295	4	0.40	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	20.917	0.00180	20.932	0.06150	0.07295	4	0.47	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	21.000	0.04000	20.932	0.06150	0.07295	4	0.63	1%	0
002.03	Protein, Hach Method (%)	0536	23.180	0.92000			0.92000	1			0
002.04	Protein, Copper Catalyst (%)	0405	19.805	0.17000	20.265	0.31499	0.28000	4	-1.46	1%	0
002.04	Protein, Copper Catalyst (%)	0187	20.365	0.41000	20.265	0.31499	0.28000	4	0.32	0%	0
002.04	Protein, Copper Catalyst (%)	0874	20.370	0.34000	20.265	0.31499	0.28000	4	0.33	0%	0
002.04	Protein, Copper Catalyst (%)	0728	20.520	0.20000	20.265	0.31499	0.28000	4	0.81	1%	0
002.05	Protein, Copper, Boric Acid (%)	0943	20.070	0.04000	20.651	0.26845	0.11972	43	-2.17	1%	0
002.05	Protein, Copper, Boric Acid (%)	2058	20.125	0.05000	20.651	0.26845	0.11972	43	-1.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	20.225	0.17000	20.651	0.26845	0.11972	43	-1.59	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	20.243	0.22700	20.651	0.26845	0.11972	43	-1.52	1%	0
002.05	Protein, Copper, Boric Acid (%)	0625	20.245	0.03000	20.651	0.26845	0.11972	43	-1.51	1%	0

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002.05	Protein, Copper, Boric Acid (%)	2097	20.269	0.38280	20.651	0.26845	0.11972	43	-1.43	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	20.350	0.10000	20.651	0.26845	0.11972	43	-1.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	20.350	0.26000	20.651	0.26845	0.11972	43	-1.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	20.372	0.08270	20.651	0.26845	0.11972	43	-1.04	1%	0
002.05	Protein, Copper, Boric Acid (%)	2091	20.435	0.17000	20.651	0.26845	0.11972	43	-0.81	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	20.475	0.35000	20.651	0.26845	0.11972	43	-0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	20.531	0.15800	20.651	0.26845	0.11972	43	-0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	20.545	0.01000	20.651	0.26845	0.11972	43	-0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	2011	20.555	0.35000	20.651	0.26845	0.11972	43	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	20.560	0.28000	20.651	0.26845	0.11972	43	-0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	20.577	0.11270	20.651	0.26845	0.11972	43	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	20.585	0.07000	20.651	0.26845	0.11972	43	-0.25	0%	0
002.05	Protein, Copper, Boric Acid (%)	2048	20.621	0.10900	20.651	0.26845	0.11972	43	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	20.645	0.05000	20.651	0.26845	0.11972	43	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	20.650	0.06000	20.651	0.26845	0.11972	43	0.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	2067	20.664	0.00500	20.651	0.26845	0.11972	43	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.665	0.33000	20.651	0.26845	0.11972	43	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	20.670	0.12000	20.651	0.26845	0.11972	43	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	20.685	0.01000	20.651	0.26845	0.11972	43	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	20.685	0.01000	20.651	0.26845	0.11972	43	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	20.700	0.40000	20.651	0.26845	0.11972	43	0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	20.750	0.10000	20.651	0.26845	0.11972	43	0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0921	20.750	0.00000	20.651	0.26845	0.11972	43	0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	20.755	0.13000	20.651	0.26845	0.11972	43	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	20.770	0.04000	20.651	0.26845	0.11972	43	0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	20.790	0.08000	20.651	0.26845	0.11972	43	0.52	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	20.800	0.00000	20.651	0.26845	0.11972	43	0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	2086	20.840	0.04000	20.651	0.26845	0.11972	43	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	0900	20.855	0.01000	20.651	0.26845	0.11972	43	0.76	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	20.875	0.01000	20.651	0.26845	0.11972	43	0.83	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.900	0.00000	20.651	0.26845	0.11972	43	0.93	1%	0
002.05	Protein, Copper, Boric Acid (%)	2062	20.914	0.00070	20.651	0.26845	0.11972	43	0.98	1%	0
002.05	Protein, Copper, Boric Acid (%)	0934	20.940	0.00000	20.651	0.26845	0.11972	43	1.08	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	20.960	0.02000	20.651	0.26845	0.11972	43	1.15	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	20.970	0.30000	20.651	0.26845	0.11972	43	1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	21.085	0.01000	20.651	0.26845	0.11972	43	1.62	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	21.325	0.25000	20.651	0.26845	0.11972	43	2.51	2%	0
002.05	Protein, Copper, Boric Acid (%)	0552	23.860	0.22000	20.651	0.26845	0.11972	43	11.95	8%	0
002.05	Protein, Copper, Boric Acid (%)	0674	10.175	20.350	20.651	0.26845	0.11972	43	-39.03	25%	4
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	20.110	0.66000	21.012	0.25001	0.16453	134	-3.61	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	20.230	0.12000	21.012	0.25001	0.16453	134	-3.13	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	20.233	0.04500	21.012	0.25001	0.16453	134	-3.12	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			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	20.315	0.41000	21.012	0.25001	0.16453	134	-2.79	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.450	0.50000	21.012	0.25001	0.16453	134	-2.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	20.455	0.33000	21.012	0.25001	0.16453	134	-2.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	20.490	0.48000	21.012	0.25001	0.16453	134	-2.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	20.590	0.10000	21.012	0.25001	0.16453	134	-1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.635	0.19000	21.012	0.25001	0.16453	134	-1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	20.635	0.29000	21.012	0.25001	0.16453	134	-1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	20.660	0.66000	21.012	0.25001	0.16453	134	-1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	20.660	0.18000	21.012	0.25001	0.16453	134	-1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	20.670	0.10000	21.012	0.25001	0.16453	134	-1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	20.670	0.14000	21.012	0.25001	0.16453	134	-1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	20.700	0.02000	21.012	0.25001	0.16453	134	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	20.700	0.06000	21.012	0.25001	0.16453	134	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	20.735	0.01000	21.012	0.25001	0.16453	134	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	20.735	0.05000	21.012	0.25001	0.16453	134	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	20.738	0.02400	21.012	0.25001	0.16453	134	-1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	20.750	0.30000	21.012	0.25001	0.16453	134	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	20.750	0.30000	21.012	0.25001	0.16453	134	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	20.756	0.01000	21.012	0.25001	0.16453	134	-1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	20.765	0.09000	21.012	0.25001	0.16453	134	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	20.770	0.04000	21.012	0.25001	0.16453	134	-0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	20.775	0.13000	21.012	0.25001	0.16453	134	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	20.775	0.47000	21.012	0.25001	0.16453	134	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	20.785	0.07000	21.012	0.25001	0.16453	134	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	20.790	0.04000	21.012	0.25001	0.16453	134	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	20.810	0.04000	21.012	0.25001	0.16453	134	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	20.815	0.01000	21.012	0.25001	0.16453	134	-0.79	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	20.820	0.02000	21.012	0.25001	0.16453	134	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	20.825	0.62100	21.012	0.25001	0.16453	134	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	20.830	0.07700	21.012	0.25001	0.16453	134	-0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	20.855	0.17000	21.012	0.25001	0.16453	134	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	20.860	0.02000	21.012	0.25001	0.16453	134	-0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	20.880	0.06000	21.012	0.25001	0.16453	134	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	20.895	0.07000	21.012	0.25001	0.16453	134	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	20.895	0.05000	21.012	0.25001	0.16453	134	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	20.900	0.40000	21.012	0.25001	0.16453	134	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.900	0.00000	21.012	0.25001	0.16453	134	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	20.900	0.00000	21.012	0.25001	0.16453	134	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2018	20.910	0.16000	21.012	0.25001	0.16453	134	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	20.915	0.31000	21.012	0.25001	0.16453	134	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2058	20.915	0.05000	21.012	0.25001	0.16453	134	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	20.925	0.11000	21.012	0.25001	0.16453	134	-0.35	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	20.927	0.11900	21.012	0.25001	0.16453	134	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	20.930	0.08000	21.012	0.25001	0.16453	134	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	20.930	0.42000	21.012	0.25001	0.16453	134	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	20.940	0.18000	21.012	0.25001	0.16453	134	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	20.945	0.05000	21.012	0.25001	0.16453	134	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	20.950	0.10000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	20.950	0.10000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	20.950	0.10000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	20.950	0.10000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	20.950	0.10000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	20.950	0.30000	21.012	0.25001	0.16453	134	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	20.960	0.02000	21.012	0.25001	0.16453	134	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	20.960	0.18000	21.012	0.25001	0.16453	134	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	20.975	0.25000	21.012	0.25001	0.16453	134	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	20.975	0.05000	21.012	0.25001	0.16453	134	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	20.980	0.16000	21.012	0.25001	0.16453	134	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	20.980	0.00000	21.012	0.25001	0.16453	134	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	20.980	0.26000	21.012	0.25001	0.16453	134	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	20.985	0.01000	21.012	0.25001	0.16453	134	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	21.000	0.20000	21.012	0.25001	0.16453	134	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	21.000	0.20000	21.012	0.25001	0.16453	134	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	21.003	0.13910	21.012	0.25001	0.16453	134	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	21.005	0.01000	21.012	0.25001	0.16453	134	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	21.025	0.03000	21.012	0.25001	0.16453	134	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	21.025	0.15000	21.012	0.25001	0.16453	134	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	21.025	0.05000	21.012	0.25001	0.16453	134	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	21.025	0.07000	21.012	0.25001	0.16453	134	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	21.035	0.17000	21.012	0.25001	0.16453	134	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	21.040	0.16000	21.012	0.25001	0.16453	134	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	21.045	0.49000	21.012	0.25001	0.16453	134	0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	21.050	0.40000	21.012	0.25001	0.16453	134	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	21.055	0.03000	21.012	0.25001	0.16453	134	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	21.055	0.05000	21.012	0.25001	0.16453	134	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	21.060	0.24000	21.012	0.25001	0.16453	134	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	21.063	0.09300	21.012	0.25001	0.16453	134	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	21.065	0.05000	21.012	0.25001	0.16453	134	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	21.070	0.22000	21.012	0.25001	0.16453	134	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	21.075	0.03000	21.012	0.25001	0.16453	134	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	21.080	0.04000	21.012	0.25001	0.16453	134	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	21.080	0.10000	21.012	0.25001	0.16453	134	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	21.095	0.19000	21.012	0.25001	0.16453	134	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	21.100	0.32000	21.012	0.25001	0.16453	134	0.35	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	21.120	0.04000	21.012	0.25001	0.16453	134	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	21.125	0.01000	21.012	0.25001	0.16453	134	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	21.126	0.00300	21.012	0.25001	0.16453	134	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	21.130	0.22000	21.012	0.25001	0.16453	134	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	21.141	0.03100	21.012	0.25001	0.16453	134	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	21.141	0.57200	21.012	0.25001	0.16453	134	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	21.150	0.10000	21.012	0.25001	0.16453	134	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	21.150	0.10000	21.012	0.25001	0.16453	134	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	21.150	0.10000	21.012	0.25001	0.16453	134	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	21.150	0.10000	21.012	0.25001	0.16453	134	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	21.161	0.22800	21.012	0.25001	0.16453	134	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	21.162	0.20800	21.012	0.25001	0.16453	134	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	21.170	0.04000	21.012	0.25001	0.16453	134	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	21.170	0.04000	21.012	0.25001	0.16453	134	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	21.195	0.29000	21.012	0.25001	0.16453	134	0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	21.200	0.00000	21.012	0.25001	0.16453	134	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	21.200	0.20000	21.012	0.25001	0.16453	134	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	21.205	0.03000	21.012	0.25001	0.16453	134	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	21.225	0.01000	21.012	0.25001	0.16453	134	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	21.230	0.48000	21.012	0.25001	0.16453	134	0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	21.240	0.02000	21.012	0.25001	0.16453	134	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	21.240	0.22000	21.012	0.25001	0.16453	134	0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	21.255	0.01000	21.012	0.25001	0.16453	134	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	21.260	0.18000	21.012	0.25001	0.16453	134	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	21.265	0.19000	21.012	0.25001	0.16453	134	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	21.270	0.44000	21.012	0.25001	0.16453	134	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	21.273	0.06500	21.012	0.25001	0.16453	134	1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	21.280	0.04000	21.012	0.25001	0.16453	134	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	21.295	0.07000	21.012	0.25001	0.16453	134	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	21.310	0.04000	21.012	0.25001	0.16453	134	1.19	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.320	0.08000	21.012	0.25001	0.16453	134	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	21.320	0.14000	21.012	0.25001	0.16453	134	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	21.325	0.07000	21.012	0.25001	0.16453	134	1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	21.330	0.04000	21.012	0.25001	0.16453	134	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	21.335	0.31000	21.012	0.25001	0.16453	134	1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	21.340	0.26000	21.012	0.25001	0.16453	134	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	21.350	0.10000	21.012	0.25001	0.16453	134	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	21.350	0.00000	21.012	0.25001	0.16453	134	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	21.400	0.60000	21.012	0.25001	0.16453	134	1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	21.415	0.29000	21.012	0.25001	0.16453	134	1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	21.425	0.03000	21.012	0.25001	0.16453	134	1.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	21.429	0.14200	21.012	0.25001	0.16453	134	1.67	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	21.430	0.46000	21.012	0.25001	0.16453	134	1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	21.515	0.55000	21.012	0.25001	0.16453	134	2.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	21.520	0.20000	21.012	0.25001	0.16453	134	2.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	21.820	0.42000	21.012	0.25001	0.16453	134	3.23	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	21.830	0.28000	21.012	0.25001	0.16453	134	3.27	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	20.305	0.85000	21.012	0.25001	0.16453	134	-2.83	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	20.859	0.80880	21.012	0.25001	0.16453	134	-0.61	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	21.367	0.84800	21.012	0.25001	0.16453	134	1.42	1%	1
002.08	Protein, Cu/Ti (%)	0098	20.455	0.19000	20.801	0.00141	0.14347	3	-1.15	1%	0
002.08	Protein, Cu/Ti (%)	0208	20.800	0.20000	20.801	0.00141	0.14347	3	0.57	0%	0
002.08	Protein, Cu/Ti (%)	0563	20.802	0.04040	20.801	0.00141	0.14347	3	0.58	0%	0
002.10	Protein, Block dig/distillation (%)	0629	20.850	0.02000			0.02000	1			0
002.11	Protein, NIR (%)	2036	18.030	0.26000	20.125	1.1086	0.11857	7	-1.89	5%	0
002.11	Protein, NIR (%)	0885	19.445	0.21000	20.125	1.1086	0.11857	7	-0.61	2%	0
002.11	Protein, NIR (%)	0852	19.500	0.02000	20.125	1.1086	0.11857	7	-0.56	2%	0
002.11	Protein, NIR (%)	0553	20.020	0.12000	20.125	1.1086	0.11857	7	-0.09	0%	0
002.11	Protein, NIR (%)	0297	20.570	0.08000	20.125	1.1086	0.11857	7	0.40	1%	0
002.11	Protein, NIR (%)	0613	21.345	0.13000	20.125	1.1086	0.11857	7	1.10	3%	0
002.11	Protein, NIR (%)	0720	21.635	0.01000	20.125	1.1086	0.11857	7	1.36	4%	0
002.99	Protein, Miscellaneous (%)	2105	19.965	1.6500	20.497	0.43822	0.49250	4	-0.89	1%	0
002.99	Protein, Miscellaneous (%)	0681	20.200	0.16000	20.497	0.43822	0.49250	4	-0.37	0%	0
002.99	Protein, Miscellaneous (%)	0643	20.290	0.16000	20.497	0.43822	0.49250	4	-0.17	0%	0
002.99	Protein, Miscellaneous (%)	2004	21.000	0.00000	20.497	0.43822	0.49250	4	1.43	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.0050	0.03000	3.6868	0.24285	0.15063	16	-2.81	9%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.4450	0.03000	3.6868	0.24285	0.15063	16	-1.00	3%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.4600	0.10000	3.6868	0.24285	0.15063	16	-0.93	3%	0
003.00	Fat, Eth Ext., Direct (%)	2058	3.5150	0.07000	3.6868	0.24285	0.15063	16	-0.71	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	3.5500	0.30000	3.6868	0.24285	0.15063	16	-0.56	2%	0
003.00	Fat, Eth Ext., Direct (%)	0884	3.5500	0.30000	3.6868	0.24285	0.15063	16	-0.56	2%	0
003.00	Fat, Eth Ext., Direct (%)	0876	3.5550	0.29000	3.6868	0.24285	0.15063	16	-0.54	2%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.6550	0.19000	3.6868	0.24285	0.15063	16	-0.13	0%	0
003.00	Fat, Eth Ext., Direct (%)	0939	3.7000	0.20000	3.6868	0.24285	0.15063	16	0.05	0%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.7500	0.10000	3.6868	0.24285	0.15063	16	0.26	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.7750	0.03000	3.6868	0.24285	0.15063	16	0.36	1%	0
003.00	Fat, Eth Ext., Direct (%)	0032	3.8750	0.17000	3.6868	0.24285	0.15063	16	0.78	3%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.9000	0.04000	3.6868	0.24285	0.15063	16	0.88	3%	0
003.00	Fat, Eth Ext., Direct (%)	2066	3.9000	0.04000	3.6868	0.24285	0.15063	16	0.88	3%	0
003.00	Fat, Eth Ext., Direct (%)	0035	3.9850	0.13000	3.6868	0.24285	0.15063	16	1.23	4%	0
003.00	Fat, Eth Ext., Direct (%)	0026	4.1650	0.39000	3.6868	0.24285	0.15063	16	1.97	6%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	3.1650	1.3500			0.69680	2	-0.71	1%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	3.2506	0.04360			0.69680	2	0.71	1%	0
003.06	Fat, Pet Ether (%)	2091	3.4850	0.17000	3.7214	0.12349	0.13644	18	-1.91	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			
003.06	Fat, Pet Ether (%)	0300	3.5500	0.31200	3.7214	0.12349	0.13644	18	-1.39	2%	0
003.06	Fat, Pet Ether (%)	0083	3.6200	0.06000	3.7214	0.12349	0.13644	18	-0.82	1%	0
003.06	Fat, Pet Ether (%)	0425	3.6200	0.00000	3.7214	0.12349	0.13644	18	-0.82	1%	0
003.06	Fat, Pet Ether (%)	0682	3.6600	0.00000	3.7214	0.12349	0.13644	18	-0.50	1%	0
003.06	Fat, Pet Ether (%)	0687	3.6600	0.08000	3.7214	0.12349	0.13644	18	-0.50	1%	0
003.06	Fat, Pet Ether (%)	0164	3.6750	0.15000	3.7214	0.12349	0.13644	18	-0.38	1%	0
003.06	Fat, Pet Ether (%)	0294	3.6800	0.18000	3.7214	0.12349	0.13644	18	-0.34	1%	0
003.06	Fat, Pet Ether (%)	0689	3.7000	0.00000	3.7214	0.12349	0.13644	18	-0.17	0%	0
003.06	Fat, Pet Ether (%)	0849	3.7120	0.06400	3.7214	0.12349	0.13644	18	-0.08	0%	0
003.06	Fat, Pet Ether (%)	0552	3.7250	0.05000	3.7214	0.12349	0.13644	18	0.03	0%	0
003.06	Fat, Pet Ether (%)	0910	3.7500	0.16000	3.7214	0.12349	0.13644	18	0.23	0%	0
003.06	Fat, Pet Ether (%)	0297	3.7700	0.02000	3.7214	0.12349	0.13644	18	0.39	1%	0
003.06	Fat, Pet Ether (%)	0148	3.8450	0.17000	3.7214	0.12349	0.13644	18	1.00	2%	0
003.06	Fat, Pet Ether (%)	0511	3.8600	0.24000	3.7214	0.12349	0.13644	18	1.12	2%	0
003.06	Fat, Pet Ether (%)	0074	3.8750	0.27000	3.7214	0.12349	0.13644	18	1.24	2%	0
003.06	Fat, Pet Ether (%)	0918	3.9650	0.49000	3.7214	0.12349	0.13644	18	1.97	3%	0
003.06	Fat, Pet Ether (%)	0852	4.0200	0.04000	3.7214	0.12349	0.13644	18	2.42	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.0965	0.02700	3.7351	0.24948	0.09451	23	-2.56	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	3.4000	0.20000	3.7351	0.24948	0.09451	23	-1.34	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0013	3.4450	0.03000	3.7351	0.24948	0.09451	23	-1.16	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	3.4650	0.01000	3.7351	0.24948	0.09451	23	-1.08	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.5450	0.05000	3.7351	0.24948	0.09451	23	-0.76	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	3.5600	0.06000	3.7351	0.24948	0.09451	23	-0.70	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	3.5608	0.00280	3.7351	0.24948	0.09451	23	-0.70	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	3.6850	0.11000	3.7351	0.24948	0.09451	23	-0.20	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.6900	0.02000	3.7351	0.24948	0.09451	23	-0.18	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.7000	0.00000	3.7351	0.24948	0.09451	23	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.7000	0.00000	3.7351	0.24948	0.09451	23	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	3.7200	0.02000	3.7351	0.24948	0.09451	23	-0.06	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.7200	0.00000	3.7351	0.24948	0.09451	23	-0.06	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.7550	0.17000	3.7351	0.24948	0.09451	23	0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.7900	0.08000	3.7351	0.24948	0.09451	23	0.22	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.7950	0.21000	3.7351	0.24948	0.09451	23	0.24	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	3.8750	0.13000	3.7351	0.24948	0.09451	23	0.56	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	3.8890	0.07400	3.7351	0.24948	0.09451	23	0.62	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	3.9700	0.16000	3.7351	0.24948	0.09451	23	0.94	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	4.0500	0.10000	3.7351	0.24948	0.09451	23	1.26	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	4.2150	0.63000	3.7351	0.24948	0.09451	23	1.92	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	4.2550	0.03000	3.7351	0.24948	0.09451	23	2.08	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	4.6900	0.06000	3.7351	0.24948	0.09451	23	3.83	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	1.7300	3.4600	3.7351	0.24948	0.09451	23	-8.04	27%	4
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.8300	0.06000	3.5863	0.15253	0.09783	34	-4.96	11%	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 (%)	0062	3.1890	0.00600	3.5863	0.15253	0.09783	34	-2.60	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	3.3150	0.03000	3.5863	0.15253	0.09783	34	-1.78	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	3.3450	0.07000	3.5863	0.15253	0.09783	34	-1.58	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.4050	0.01000	3.5863	0.15253	0.09783	34	-1.19	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2067	3.4150	0.04200	3.5863	0.15253	0.09783	34	-1.12	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.4300	0.02000	3.5863	0.15253	0.09783	34	-1.02	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	3.4400	0.22000	3.5863	0.15253	0.09783	34	-0.96	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.4850	0.13000	3.5863	0.15253	0.09783	34	-0.66	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	3.5150	0.03000	3.5863	0.15253	0.09783	34	-0.47	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.5200	0.10000	3.5863	0.15253	0.09783	34	-0.43	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.5300	0.10000	3.5863	0.15253	0.09783	34	-0.37	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	3.5400	0.10000	3.5863	0.15253	0.09783	34	-0.30	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.5500	0.00000	3.5863	0.15253	0.09783	34	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.5850	0.13000	3.5863	0.15253	0.09783	34	-0.01	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.5860	0.01800	3.5863	0.15253	0.09783	34	0.00	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	3.5900	0.02000	3.5863	0.15253	0.09783	34	0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.5904	0.10370	3.5863	0.15253	0.09783	34	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.5950	0.03000	3.5863	0.15253	0.09783	34	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2003	3.5969	0.04040	3.5863	0.15253	0.09783	34	0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	3.6050	0.35000	3.5863	0.15253	0.09783	34	0.12	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	3.6300	0.02000	3.5863	0.15253	0.09783	34	0.29	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	3.6350	0.07000	3.5863	0.15253	0.09783	34	0.32	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.6350	0.03600	3.5863	0.15253	0.09783	34	0.32	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.6450	0.21000	3.5863	0.15253	0.09783	34	0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.6500	0.10000	3.5863	0.15253	0.09783	34	0.42	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	3.7050	0.01000	3.5863	0.15253	0.09783	34	0.78	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	3.7550	0.41000	3.5863	0.15253	0.09783	34	1.11	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	3.7900	0.40000	3.5863	0.15253	0.09783	34	1.34	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.8100	0.04000	3.5863	0.15253	0.09783	34	1.47	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2018	3.8850	0.03000	3.5863	0.15253	0.09783	34	1.96	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	3.9650	0.05000	3.5863	0.15253	0.09783	34	2.48	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0625	4.0800	0.04000	3.5863	0.15253	0.09783	34	3.24	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	4.1500	0.30000	3.5863	0.15253	0.09783	34	3.70	8%	0
003.11	Fat, NIR (%)	0720	2.5800	0.00000	3.3638	0.48761	0.05500	6	-1.61	12%	0
003.11	Fat, NIR (%)	0613	3.0650	0.05000	3.3638	0.48761	0.05500	6	-0.61	4%	0
003.11	Fat, NIR (%)	2036	3.3050	0.11000	3.3638	0.48761	0.05500	6	-0.12	1%	0
003.11	Fat, NIR (%)	0885	3.4450	0.01000	3.3638	0.48761	0.05500	6	0.17	1%	0
003.11	Fat, NIR (%)	0297	3.6200	0.02000	3.3638	0.48761	0.05500	6	0.53	4%	0
003.11	Fat, NIR (%)	0852	3.9900	0.14000	3.3638	0.48761	0.05500	6	1.28	9%	0
003.12	Fat, Hexane Ext (%)	2062	3.3987	0.05150	3.5667	0.12202	0.02519	8	-1.38	2%	0
003.12	Fat, Hexane Ext (%)	0900	3.4850	0.03000	3.5667	0.12202	0.02519	8	-0.67	1%	0
003.12	Fat, Hexane Ext (%)	0934	3.4850	0.03000	3.5667	0.12202	0.02519	8	-0.67	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
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003.12	Fat, Hexane Ext (%)	0903	3.5500	0.02000	3.5667	0.12202	0.02519	8	-0.14	0%	0
003.12	Fat, Hexane Ext (%)	0893	3.5800	0.02000	3.5667	0.12202	0.02519	8	0.11	0%	0
003.12	Fat, Hexane Ext (%)	0895	3.6550	0.01000	3.5667	0.12202	0.02519	8	0.72	1%	0
003.12	Fat, Hexane Ext (%)	0171	3.6700	0.02000	3.5667	0.12202	0.02519	8	0.85	1%	0
003.12	Fat, Hexane Ext (%)	0897	3.7100	0.02000	3.5667	0.12202	0.02519	8	1.17	2%	0
003.12	Fat, Hexane Ext (%)	0940	2.9250	0.19000	3.5667	0.12202	0.02519	8	-5.26	9%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	3.2700	0.44000	3.7441	0.18830	0.11970	10	-2.52	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	3.5750	0.03000	3.7441	0.18830	0.11970	10	-0.90	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.6500	0.08000	3.7441	0.18830	0.11970	10	-0.50	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.6775	0.06700	3.7441	0.18830	0.11970	10	-0.35	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.6900	0.04000	3.7441	0.18830	0.11970	10	-0.29	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	3.7650	0.03000	3.7441	0.18830	0.11970	10	0.11	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.8450	0.03000	3.7441	0.18830	0.11970	10	0.54	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.8750	0.13000	3.7441	0.18830	0.11970	10	0.69	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	3.8800	0.32000	3.7441	0.18830	0.11970	10	0.72	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	4.1150	0.03000	3.7441	0.18830	0.11970	10	1.97	5%	0
003.14	Fat, Ankom (%)	0357	1.9500	0.10000	3.5014	0.20858	0.13658	39	-7.44	22%	0
003.14	Fat, Ankom (%)	2023	2.5800	0.08000	3.5014	0.20858	0.13658	39	-4.42	13%	0
003.14	Fat, Ankom (%)	0853	2.6800	0.46000	3.5014	0.20858	0.13658	39	-3.94	12%	0
003.14	Fat, Ankom (%)	0574	2.8400	0.30000	3.5014	0.20858	0.13658	39	-3.17	9%	0
003.14	Fat, Ankom (%)	0265	3.0300	0.08000	3.5014	0.20858	0.13658	39	-2.26	7%	0
003.14	Fat, Ankom (%)	0175	3.1700	0.22000	3.5014	0.20858	0.13658	39	-1.59	5%	0
003.14	Fat, Ankom (%)	0144	3.3050	0.05000	3.5014	0.20858	0.13658	39	-0.94	3%	0
003.14	Fat, Ankom (%)	0037	3.3400	0.10000	3.5014	0.20858	0.13658	39	-0.77	2%	0
003.14	Fat, Ankom (%)	0066	3.3400	0.02000	3.5014	0.20858	0.13658	39	-0.77	2%	0
003.14	Fat, Ankom (%)	0613	3.3500	0.04000	3.5014	0.20858	0.13658	39	-0.73	2%	0
003.14	Fat, Ankom (%)	0019	3.3750	0.41000	3.5014	0.20858	0.13658	39	-0.61	2%	0
003.14	Fat, Ankom (%)	0089	3.3800	0.00000	3.5014	0.20858	0.13658	39	-0.58	2%	0
003.14	Fat, Ankom (%)	0049	3.4050	0.05000	3.5014	0.20858	0.13658	39	-0.46	1%	0
003.14	Fat, Ankom (%)	0183	3.4323	0.08870	3.5014	0.20858	0.13658	39	-0.33	1%	0
003.14	Fat, Ankom (%)	0520	3.4400	0.08000	3.5014	0.20858	0.13658	39	-0.29	1%	0
003.14	Fat, Ankom (%)	0598	3.4550	0.31000	3.5014	0.20858	0.13658	39	-0.22	1%	0
003.14	Fat, Ankom (%)	0407	3.4841	0.18180	3.5014	0.20858	0.13658	39	-0.08	0%	0
003.14	Fat, Ankom (%)	0034	3.5050	0.11000	3.5014	0.20858	0.13658	39	0.02	0%	0
003.14	Fat, Ankom (%)	0955	3.5150	0.09000	3.5014	0.20858	0.13658	39	0.07	0%	0
003.14	Fat, Ankom (%)	0683	3.5250	0.27000	3.5014	0.20858	0.13658	39	0.11	0%	0
003.14	Fat, Ankom (%)	0001	3.5340	0.02600	3.5014	0.20858	0.13658	39	0.16	0%	0
003.14	Fat, Ankom (%)	0202	3.5700	0.08000	3.5014	0.20858	0.13658	39	0.33	1%	0
003.14	Fat, Ankom (%)	0581	3.5750	0.17000	3.5014	0.20858	0.13658	39	0.35	1%	0
003.14	Fat, Ankom (%)	0878	3.5800	0.14000	3.5014	0.20858	0.13658	39	0.38	1%	0
003.14	Fat, Ankom (%)	0619	3.5950	0.01000	3.5014	0.20858	0.13658	39	0.45	1%	0
003.14	Fat, Ankom (%)	0229	3.6000	0.04000	3.5014	0.20858	0.13658	39	0.47	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			
003.14	Fat, Ankom (%)	0004	3.6100	0.24000	3.5014	0.20858	0.13658	39	0.52	2%	0
003.14	Fat, Ankom (%)	0009	3.6150	0.11000	3.5014	0.20858	0.13658	39	0.54	2%	0
003.14	Fat, Ankom (%)	2075	3.6200	0.06000	3.5014	0.20858	0.13658	39	0.57	2%	0
003.14	Fat, Ankom (%)	0848	3.6400	0.36000	3.5014	0.20858	0.13658	39	0.66	2%	0
003.14	Fat, Ankom (%)	0726	3.6500	0.04000	3.5014	0.20858	0.13658	39	0.71	2%	0
003.14	Fat, Ankom (%)	0190	3.6850	0.21000	3.5014	0.20858	0.13658	39	0.88	3%	0
003.14	Fat, Ankom (%)	0948	3.6850	0.01000	3.5014	0.20858	0.13658	39	0.88	3%	0
003.14	Fat, Ankom (%)	0278	3.7000	0.20000	3.5014	0.20858	0.13658	39	0.95	3%	0
003.14	Fat, Ankom (%)	0937	3.7000	0.02000	3.5014	0.20858	0.13658	39	0.95	3%	0
003.14	Fat, Ankom (%)	0358	3.7150	0.01000	3.5014	0.20858	0.13658	39	1.02	3%	0
003.14	Fat, Ankom (%)	0108	3.8000	0.36000	3.5014	0.20858	0.13658	39	1.43	4%	0
003.14	Fat, Ankom (%)	0413	3.8000	0.20000	3.5014	0.20858	0.13658	39	1.43	4%	0
003.14	Fat, Ankom (%)	0956	3.9000	0.00000	3.5014	0.20858	0.13658	39	1.91	6%	0
003.14	Fat, Ankom (%)	0843	2.7150	0.89000	3.5014	0.20858	0.13658	39	-3.77	11%	1
003.99	Fat, Miscellaneous (%)	0047	3.4900	0.00000	3.5175	0.03889	0.03333	3	-0.59	14%	0
003.99	Fat, Miscellaneous (%)	0536	3.5450	0.01000	3.5175	0.03889	0.03333	3	-0.57	14%	0
003.99	Fat, Miscellaneous (%)	1019	7.6650	0.09000	3.5175	0.03889	0.03333	3	1.15	28%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	2.4100	0.28000	3.4386	0.28726	0.17657	24	-3.58	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	2011	2.9650	0.07000	3.4386	0.28726	0.17657	24	-1.65	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	3.1500	0.50000	3.4386	0.28726	0.17657	24	-1.00	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	3.1500	0.50000	3.4386	0.28726	0.17657	24	-1.00	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.2100	0.00000	3.4386	0.28726	0.17657	24	-0.80	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	3.2400	0.08000	3.4386	0.28726	0.17657	24	-0.69	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	3.2400	0.02000	3.4386	0.28726	0.17657	24	-0.69	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	3.3000	0.00000	3.4386	0.28726	0.17657	24	-0.48	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	3.3128	0.16770	3.4386	0.28726	0.17657	24	-0.44	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	3.3500	0.26000	3.4386	0.28726	0.17657	24	-0.31	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	3.3900	0.02000	3.4386	0.28726	0.17657	24	-0.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.4100	0.14000	3.4386	0.28726	0.17657	24	-0.10	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.4500	0.10000	3.4386	0.28726	0.17657	24	0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	3.4850	0.17000	3.4386	0.28726	0.17657	24	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.4850	0.49000	3.4386	0.28726	0.17657	24	0.16	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.5350	0.13000	3.4386	0.28726	0.17657	24	0.34	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	3.6000	0.00000	3.4386	0.28726	0.17657	24	0.56	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	3.6000	0.20000	3.4386	0.28726	0.17657	24	0.56	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.6350	0.03000	3.4386	0.28726	0.17657	24	0.68	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	3.7000	0.00000	3.4386	0.28726	0.17657	24	0.91	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	3.7100	0.06000	3.4386	0.28726	0.17657	24	0.94	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.0750	0.51000	3.4386	0.28726	0.17657	24	2.22	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	4.1500	0.50000	3.4386	0.28726	0.17657	24	2.48	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0681	4.4450	0.01000	3.4386	0.28726	0.17657	24	3.50	15%	0
004.01	Fiber, Sing Filt (%)	0045	3.6800	0.54000			0.42000	2	-0.71	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			
004.01	Fiber, Sing Filt (%)	0366	4.1500	0.30000			0.42000	2	0.71	3%	0
004.03	Fiber, Fritted Glass (%)	2089	1.8450	0.01000	3.3323	0.19780	0.09304	5	-1.73	20%	0
004.03	Fiber, Fritted Glass (%)	2068	3.1400	0.00000	3.3323	0.19780	0.09304	5	0.15	2%	0
004.03	Fiber, Fritted Glass (%)	2058	3.2800	0.14000	3.3323	0.19780	0.09304	5	0.36	4%	0
004.03	Fiber, Fritted Glass (%)	0626	3.3000	0.12000	3.3323	0.19780	0.09304	5	0.39	4%	0
004.03	Fiber, Fritted Glass (%)	0693	3.6091	0.19520	3.3323	0.19780	0.09304	5	0.84	9%	0
004.06	Fiber, Fibertec (%)	0900	2.9850	0.01000	3.5417	0.29589	0.10027	35	-1.88	8%	0
004.06	Fiber, Fibertec (%)	0038	3.0000	0.02000	3.5417	0.29589	0.10027	35	-1.83	8%	0
004.06	Fiber, Fibertec (%)	0897	3.1750	0.01000	3.5417	0.29589	0.10027	35	-1.24	5%	0
004.06	Fiber, Fibertec (%)	2022	3.2250	0.07000	3.5417	0.29589	0.10027	35	-1.07	4%	0
004.06	Fiber, Fibertec (%)	0653	3.2600	0.06000	3.5417	0.29589	0.10027	35	-0.95	4%	0
004.06	Fiber, Fibertec (%)	0968	3.2800	0.06600	3.5417	0.29589	0.10027	35	-0.88	4%	0
004.06	Fiber, Fibertec (%)	0948	3.2900	0.04000	3.5417	0.29589	0.10027	35	-0.85	4%	0
004.06	Fiber, Fibertec (%)	2006	3.3350	0.07000	3.5417	0.29589	0.10027	35	-0.70	3%	0
004.06	Fiber, Fibertec (%)	0918	3.3400	0.02000	3.5417	0.29589	0.10027	35	-0.68	3%	0
004.06	Fiber, Fibertec (%)	0027	3.3600	0.14000	3.5417	0.29589	0.10027	35	-0.61	3%	0
004.06	Fiber, Fibertec (%)	0893	3.3700	0.02000	3.5417	0.29589	0.10027	35	-0.58	2%	0
004.06	Fiber, Fibertec (%)	0689	3.4000	0.20000	3.5417	0.29589	0.10027	35	-0.48	2%	0
004.06	Fiber, Fibertec (%)	0885	3.4000	0.02000	3.5417	0.29589	0.10027	35	-0.48	2%	0
004.06	Fiber, Fibertec (%)	0098	3.4050	0.23000	3.5417	0.29589	0.10027	35	-0.46	2%	0
004.06	Fiber, Fibertec (%)	0205	3.4450	0.23000	3.5417	0.29589	0.10027	35	-0.33	1%	0
004.06	Fiber, Fibertec (%)	0941	3.4500	0.24000	3.5417	0.29589	0.10027	35	-0.31	1%	0
004.06	Fiber, Fibertec (%)	2062	3.4781	0.05830	3.5417	0.29589	0.10027	35	-0.22	1%	0
004.06	Fiber, Fibertec (%)	0878	3.4800	0.20000	3.5417	0.29589	0.10027	35	-0.21	1%	0
004.06	Fiber, Fibertec (%)	2067	3.5180	0.01000	3.5417	0.29589	0.10027	35	-0.08	0%	0
004.06	Fiber, Fibertec (%)	0590	3.5450	0.55000	3.5417	0.29589	0.10027	35	0.01	0%	0
004.06	Fiber, Fibertec (%)	0964	3.5600	0.10000	3.5417	0.29589	0.10027	35	0.06	0%	0
004.06	Fiber, Fibertec (%)	0952	3.6000	0.14000	3.5417	0.29589	0.10027	35	0.20	1%	0
004.06	Fiber, Fibertec (%)	0720	3.6350	0.37000	3.5417	0.29589	0.10027	35	0.32	1%	0
004.06	Fiber, Fibertec (%)	0675	3.7000	0.04000	3.5417	0.29589	0.10027	35	0.53	2%	0
004.06	Fiber, Fibertec (%)	0868	3.7000	0.02000	3.5417	0.29589	0.10027	35	0.53	2%	0
004.06	Fiber, Fibertec (%)	2086	3.7700	0.04000	3.5417	0.29589	0.10027	35	0.77	3%	0
004.06	Fiber, Fibertec (%)	0676	3.8150	0.01000	3.5417	0.29589	0.10027	35	0.92	4%	0
004.06	Fiber, Fibertec (%)	0895	3.8350	0.03000	3.5417	0.29589	0.10027	35	0.99	4%	0
004.06	Fiber, Fibertec (%)	0620	3.8835	0.14510	3.5417	0.29589	0.10027	35	1.15	5%	0
004.06	Fiber, Fibertec (%)	0728	3.8900	0.16000	3.5417	0.29589	0.10027	35	1.18	5%	0
004.06	Fiber, Fibertec (%)	2093	3.9200	0.02000	3.5417	0.29589	0.10027	35	1.28	5%	0
004.06	Fiber, Fibertec (%)	0903	3.9550	0.01000	3.5417	0.29589	0.10027	35	1.40	6%	0
004.06	Fiber, Fibertec (%)	0934	4.1500	0.02000	3.5417	0.29589	0.10027	35	2.06	9%	0
004.06	Fiber, Fibertec (%)	0609	4.1850	0.03000	3.5417	0.29589	0.10027	35	2.17	9%	0
004.06	Fiber, Fibertec (%)	2091	4.1850	0.11000	3.5417	0.29589	0.10027	35	2.17	9%	0
004.06	Fiber, Fibertec (%)	0674	1.6450	3.2900	3.5417	0.29589	0.10027	35	-6.41	27%	4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0723	2.5882	0.00000	3.2044	0.37307	0.13554	61	-1.65	10%	0
004.07	Fiber, ANKOM (%)	0510	2.6000	0.20000	3.2044	0.37307	0.13554	61	-1.62	9%	0
004.07	Fiber, ANKOM (%)	0536	2.6700	0.38000	3.2044	0.37307	0.13554	61	-1.43	8%	0
004.07	Fiber, ANKOM (%)	2018	2.6800	0.04000	3.2044	0.37307	0.13554	61	-1.41	8%	0
004.07	Fiber, ANKOM (%)	0066	2.6950	0.13000	3.2044	0.37307	0.13554	61	-1.37	8%	0
004.07	Fiber, ANKOM (%)	0098	2.7550	0.07000	3.2044	0.37307	0.13554	61	-1.20	7%	0
004.07	Fiber, ANKOM (%)	0505	2.7550	0.05000	3.2044	0.37307	0.13554	61	-1.20	7%	0
004.07	Fiber, ANKOM (%)	2012	2.7750	0.09000	3.2044	0.37307	0.13554	61	-1.15	7%	0
004.07	Fiber, ANKOM (%)	0563	2.7875	0.10010	3.2044	0.37307	0.13554	61	-1.12	7%	0
004.07	Fiber, ANKOM (%)	0035	2.7950	0.01000	3.2044	0.37307	0.13554	61	-1.10	6%	0
004.07	Fiber, ANKOM (%)	0939	2.8050	0.09000	3.2044	0.37307	0.13554	61	-1.07	6%	0
004.07	Fiber, ANKOM (%)	0042	2.8850	0.31000	3.2044	0.37307	0.13554	61	-0.86	5%	0
004.07	Fiber, ANKOM (%)	0019	2.9100	0.10000	3.2044	0.37307	0.13554	61	-0.79	5%	0
004.07	Fiber, ANKOM (%)	0190	2.9100	0.02000	3.2044	0.37307	0.13554	61	-0.79	5%	0
004.07	Fiber, ANKOM (%)	0726	2.9350	0.01000	3.2044	0.37307	0.13554	61	-0.72	4%	0
004.07	Fiber, ANKOM (%)	0123	2.9400	0.18000	3.2044	0.37307	0.13554	61	-0.71	4%	0
004.07	Fiber, ANKOM (%)	0202	2.9400	0.06000	3.2044	0.37307	0.13554	61	-0.71	4%	0
004.07	Fiber, ANKOM (%)	0413	2.9500	0.50000	3.2044	0.37307	0.13554	61	-0.68	4%	0
004.07	Fiber, ANKOM (%)	0144	2.9650	0.01000	3.2044	0.37307	0.13554	61	-0.64	4%	0
004.07	Fiber, ANKOM (%)	0683	3.0350	0.01000	3.2044	0.37307	0.13554	61	-0.45	3%	0
004.07	Fiber, ANKOM (%)	0619	3.0450	0.17000	3.2044	0.37307	0.13554	61	-0.43	2%	0
004.07	Fiber, ANKOM (%)	0278	3.0500	0.10000	3.2044	0.37307	0.13554	61	-0.41	2%	0
004.07	Fiber, ANKOM (%)	0026	3.0800	0.04000	3.2044	0.37307	0.13554	61	-0.33	2%	0
004.07	Fiber, ANKOM (%)	0100	3.0900	0.06000	3.2044	0.37307	0.13554	61	-0.31	2%	0
004.07	Fiber, ANKOM (%)	0956	3.1500	0.30000	3.2044	0.37307	0.13554	61	-0.15	1%	0
004.07	Fiber, ANKOM (%)	2053	3.1550	0.01000	3.2044	0.37307	0.13554	61	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0263	3.1600	0.00660	3.2044	0.37307	0.13554	61	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0520	3.1650	0.29000	3.2044	0.37307	0.13554	61	-0.11	1%	0
004.07	Fiber, ANKOM (%)	0089	3.1700	0.00000	3.2044	0.37307	0.13554	61	-0.09	1%	0
004.07	Fiber, ANKOM (%)	2058	3.2100	0.20000	3.2044	0.37307	0.13554	61	0.02	0%	0
004.07	Fiber, ANKOM (%)	0003	3.2350	0.29000	3.2044	0.37307	0.13554	61	0.08	0%	0
004.07	Fiber, ANKOM (%)	0870	3.2465	0.14790	3.2044	0.37307	0.13554	61	0.11	1%	0
004.07	Fiber, ANKOM (%)	0910	3.2500	0.10000	3.2044	0.37307	0.13554	61	0.12	1%	0
004.07	Fiber, ANKOM (%)	0033	3.2650	0.15000	3.2044	0.37307	0.13554	61	0.16	1%	0
004.07	Fiber, ANKOM (%)	0004	3.2750	0.23000	3.2044	0.37307	0.13554	61	0.19	1%	0
004.07	Fiber, ANKOM (%)	0083	3.2900	0.24000	3.2044	0.37307	0.13554	61	0.23	1%	0
004.07	Fiber, ANKOM (%)	0861	3.3100	0.24000	3.2044	0.37307	0.13554	61	0.28	2%	0
004.07	Fiber, ANKOM (%)	0300	3.3180	0.06600	3.2044	0.37307	0.13554	61	0.30	2%	0
004.07	Fiber, ANKOM (%)	0407	3.3352	0.17620	3.2044	0.37307	0.13554	61	0.35	2%	0
004.07	Fiber, ANKOM (%)	0937	3.3400	0.02000	3.2044	0.37307	0.13554	61	0.36	2%	0
004.07	Fiber, ANKOM (%)	0581	3.3500	0.30000	3.2044	0.37307	0.13554	61	0.39	2%	0
004.07	Fiber, ANKOM (%)	0708	3.3700	0.02000	3.2044	0.37307	0.13554	61	0.44	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0849	3.3745	0.05100	3.2044	0.37307	0.13554	61	0.46	3%	0
004.07	Fiber, ANKOM (%)	0948	3.3800	0.02000	3.2044	0.37307	0.13554	61	0.47	3%	0
004.07	Fiber, ANKOM (%)	0009	3.4050	0.11000	3.2044	0.37307	0.13554	61	0.54	3%	0
004.07	Fiber, ANKOM (%)	0955	3.4050	0.19000	3.2044	0.37307	0.13554	61	0.54	3%	0
004.07	Fiber, ANKOM (%)	0242	3.4150	0.19000	3.2044	0.37307	0.13554	61	0.56	3%	0
004.07	Fiber, ANKOM (%)	0682	3.4500	0.10000	3.2044	0.37307	0.13554	61	0.66	4%	0
004.07	Fiber, ANKOM (%)	0646	3.4600	0.04000	3.2044	0.37307	0.13554	61	0.69	4%	0
004.07	Fiber, ANKOM (%)	0598	3.4850	0.13000	3.2044	0.37307	0.13554	61	0.75	4%	0
004.07	Fiber, ANKOM (%)	0074	3.5000	0.28000	3.2044	0.37307	0.13554	61	0.79	5%	0
004.07	Fiber, ANKOM (%)	0032	3.5350	0.09000	3.2044	0.37307	0.13554	61	0.89	5%	0
004.07	Fiber, ANKOM (%)	0297	3.5600	0.02000	3.2044	0.37307	0.13554	61	0.95	6%	0
004.07	Fiber, ANKOM (%)	0229	3.7500	0.30000	3.2044	0.37307	0.13554	61	1.46	9%	0
004.07	Fiber, ANKOM (%)	2075	3.7500	0.10000	3.2044	0.37307	0.13554	61	1.46	9%	0
004.07	Fiber, ANKOM (%)	0178	3.8050	0.17000	3.2044	0.37307	0.13554	61	1.61	9%	0
004.07	Fiber, ANKOM (%)	0613	3.8450	0.09000	3.2044	0.37307	0.13554	61	1.72	10%	0
004.07	Fiber, ANKOM (%)	0848	3.8600	0.06000	3.2044	0.37307	0.13554	61	1.76	10%	0
004.07	Fiber, ANKOM (%)	0643	4.1450	0.31000	3.2044	0.37307	0.13554	61	2.52	15%	0
004.07	Fiber, ANKOM (%)	0034	4.1500	0.30000	3.2044	0.37307	0.13554	61	2.53	15%	0
004.07	Fiber, ANKOM (%)	0294	4.6000	0.20000	3.2044	0.37307	0.13554	61	3.74	22%	0
004.07	Fiber, ANKOM (%)	0265	3.7700	1.5600	3.2044	0.37307	0.13554	61	1.52	9%	1
004.11	Fiber, NIR (%)	0885	3.4750	0.03000	4.2090	0.55744	0.14200	5	-1.32	9%	0
004.11	Fiber, NIR (%)	0613	3.8050	0.01000	4.2090	0.55744	0.14200	5	-0.72	5%	0
004.11	Fiber, NIR (%)	0720	4.4000	0.00000	4.2090	0.55744	0.14200	5	0.34	2%	0
004.11	Fiber, NIR (%)	2036	4.5150	0.29000	4.2090	0.55744	0.14200	5	0.55	4%	0
004.11	Fiber, NIR (%)	0852	4.8500	0.38000	4.2090	0.55744	0.14200	5	1.15	8%	0
004.99	Fiber, Miscellaneous (%)	0610	2.9000	0.00000	3.0500	0.21213	0.14000	3	-0.85	6%	0
004.99	Fiber, Miscellaneous (%)	0629	3.2000	0.00000	3.0500	0.21213	0.14000	3	-0.26	2%	0
004.99	Fiber, Miscellaneous (%)	0940	3.8900	0.42000	3.0500	0.21213	0.14000	3	1.10	8%	0
005.00	Ash, 2h @ 600°C (%)	2048	7.1765	0.00700	7.5623	0.16453	0.08069	99	-2.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.2100	0.16000	7.5623	0.16453	0.08069	99	-2.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.2500	0.08000	7.5623	0.16453	0.08069	99	-1.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0957	7.2600	0.14000	7.5623	0.16453	0.08069	99	-1.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.2750	0.17000	7.5623	0.16453	0.08069	99	-1.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0625	7.2850	0.01000	7.5623	0.16453	0.08069	99	-1.69	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.3200	0.14000	7.5623	0.16453	0.08069	99	-1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.3200	0.00000	7.5623	0.16453	0.08069	99	-1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.3300	0.00000	7.5623	0.16453	0.08069	99	-1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.3400	0.00000	7.5623	0.16453	0.08069	99	-1.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0959	7.3600	0.06000	7.5623	0.16453	0.08069	99	-1.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.3700	0.02000	7.5623	0.16453	0.08069	99	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0958	7.3700	0.18000	7.5623	0.16453	0.08069	99	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.3800	0.28000	7.5623	0.16453	0.08069	99	-1.11	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	
005.00	Ash, 2h @ 600°C (%)	0175	7.3800	0.04000	7.5623	0.16453	0.08069	99	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.3800	0.04000	7.5623	0.16453	0.08069	99	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	7.3900	0.34000	7.5623	0.16453	0.08069	99	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.4050	0.05000	7.5623	0.16453	0.08069	99	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.4050	0.15000	7.5623	0.16453	0.08069	99	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.4100	0.00000	7.5623	0.16453	0.08069	99	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.4250	0.01000	7.5623	0.16453	0.08069	99	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.4400	0.00000	7.5623	0.16453	0.08069	99	-0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.4455	0.01300	7.5623	0.16453	0.08069	99	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	7.4500	0.10000	7.5623	0.16453	0.08069	99	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.4525	0.01900	7.5623	0.16453	0.08069	99	-0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.4550	0.01000	7.5623	0.16453	0.08069	99	-0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	2067	7.4595	0.01300	7.5623	0.16453	0.08069	99	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.4600	0.00000	7.5623	0.16453	0.08069	99	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.4784	0.00860	7.5623	0.16453	0.08069	99	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.4800	0.02000	7.5623	0.16453	0.08069	99	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.4800	0.18000	7.5623	0.16453	0.08069	99	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	2106	7.4800	0.08000	7.5623	0.16453	0.08069	99	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	7.4827	0.12550	7.5623	0.16453	0.08069	99	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.4888	0.00750	7.5623	0.16453	0.08069	99	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.4900	0.14000	7.5623	0.16453	0.08069	99	-0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.5100	0.02000	7.5623	0.16453	0.08069	99	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.5200	0.00000	7.5623	0.16453	0.08069	99	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.5225	0.01300	7.5623	0.16453	0.08069	99	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.5300	0.02000	7.5623	0.16453	0.08069	99	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.5300	0.04000	7.5623	0.16453	0.08069	99	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.5300	0.16000	7.5623	0.16453	0.08069	99	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.5350	0.01000	7.5623	0.16453	0.08069	99	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.5350	0.01000	7.5623	0.16453	0.08069	99	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.5389	0.05670	7.5623	0.16453	0.08069	99	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.5450	0.13000	7.5623	0.16453	0.08069	99	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.5500	0.06000	7.5623	0.16453	0.08069	99	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0660	7.5500	0.22000	7.5623	0.16453	0.08069	99	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.5600	0.16000	7.5623	0.16453	0.08069	99	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	7.5641	0.32850	7.5623	0.16453	0.08069	99	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.5750	0.11000	7.5623	0.16453	0.08069	99	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	7.5800	0.06000	7.5623	0.16453	0.08069	99	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.5800	0.08000	7.5623	0.16453	0.08069	99	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.5850	0.05000	7.5623	0.16453	0.08069	99	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.5850	0.11000	7.5623	0.16453	0.08069	99	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	7.5915	0.11700	7.5623	0.16453	0.08069	99	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.6000	0.02000	7.5623	0.16453	0.08069	99	0.23	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 (%)	0723	7.6005	0.00000	7.5623	0.16453	0.08069	99	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.6037	0.10400	7.5623	0.16453	0.08069	99	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.6050	0.05000	7.5623	0.16453	0.08069	99	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.6100	0.10000	7.5623	0.16453	0.08069	99	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.6100	0.02000	7.5623	0.16453	0.08069	99	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.6100	0.06600	7.5623	0.16453	0.08069	99	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.6100	0.26000	7.5623	0.16453	0.08069	99	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.6150	0.09000	7.5623	0.16453	0.08069	99	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.6250	0.13000	7.5623	0.16453	0.08069	99	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.6250	0.01000	7.5623	0.16453	0.08069	99	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.6300	0.02000	7.5623	0.16453	0.08069	99	0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.6450	0.07000	7.5623	0.16453	0.08069	99	0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.6500	0.00000	7.5623	0.16453	0.08069	99	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0943	7.6500	0.04000	7.5623	0.16453	0.08069	99	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.6550	0.03000	7.5623	0.16453	0.08069	99	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.6587	0.06860	7.5623	0.16453	0.08069	99	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.6700	0.24000	7.5623	0.16453	0.08069	99	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.6700	0.10000	7.5623	0.16453	0.08069	99	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.6750	0.51000	7.5623	0.16453	0.08069	99	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.6950	0.09000	7.5623	0.16453	0.08069	99	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.6950	0.17000	7.5623	0.16453	0.08069	99	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.7000	0.00000	7.5623	0.16453	0.08069	99	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.7000	0.00000	7.5623	0.16453	0.08069	99	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.7000	0.08000	7.5623	0.16453	0.08069	99	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.7000	0.00000	7.5623	0.16453	0.08069	99	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.7050	0.01000	7.5623	0.16453	0.08069	99	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.7346	0.07380	7.5623	0.16453	0.08069	99	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.7400	0.04000	7.5623	0.16453	0.08069	99	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.7400	0.20000	7.5623	0.16453	0.08069	99	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.7500	0.02000	7.5623	0.16453	0.08069	99	1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.7500	0.04000	7.5623	0.16453	0.08069	99	1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.7500	0.04000	7.5623	0.16453	0.08069	99	1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.7550	0.07000	7.5623	0.16453	0.08069	99	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	7.7550	0.21000	7.5623	0.16453	0.08069	99	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.7627	0.02680	7.5623	0.16453	0.08069	99	1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.7700	0.14000	7.5623	0.16453	0.08069	99	1.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.7750	0.01000	7.5623	0.16453	0.08069	99	1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.7950	0.13000	7.5623	0.16453	0.08069	99	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0620	7.8050	0.03000	7.5623	0.16453	0.08069	99	1.48	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.8500	0.10000	7.5623	0.16453	0.08069	99	1.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.9950	0.03000	7.5623	0.16453	0.08069	99	2.63	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.2500	0.10000	7.5623	0.16453	0.08069	99	4.18	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0297	8.3500	0.10000	7.5623	0.16453	0.08069	99	4.79	5%	0
005.00	Ash, 2h @ 600°C (%)	0674	3.8000	7.6000	7.5623	0.16453	0.08069	99	-22.87	25%	4
005.05	Ash, 3h @ 550°C (%)	0294	7.4000	0.00000	7.6788	0.10793	0.02825	33	-2.58	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	7.4950	0.03000	7.6788	0.10793	0.02825	33	-1.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.4950	0.01000	7.6788	0.10793	0.02825	33	-1.70	1%	0
005.05	Ash, 3h @ 550°C (%)	2086	7.5200	0.02000	7.6788	0.10793	0.02825	33	-1.47	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	7.5650	0.05000	7.6788	0.10793	0.02825	33	-1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.5934	0.00680	7.6788	0.10793	0.02825	33	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.5950	0.01000	7.6788	0.10793	0.02825	33	-0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	2091	7.6000	0.04000	7.6788	0.10793	0.02825	33	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	7.6050	0.01000	7.6788	0.10793	0.02825	33	-0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	7.6100	0.04000	7.6788	0.10793	0.02825	33	-0.64	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.6200	0.04000	7.6788	0.10793	0.02825	33	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.6250	0.11000	7.6788	0.10793	0.02825	33	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.6595	0.06100	7.6788	0.10793	0.02825	33	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0178	7.6600	0.00000	7.6788	0.10793	0.02825	33	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	7.6650	0.01000	7.6788	0.10793	0.02825	33	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	7.6800	0.02000	7.6788	0.10793	0.02825	33	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	7.6950	0.05000	7.6788	0.10793	0.02825	33	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.6950	0.01000	7.6788	0.10793	0.02825	33	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.7000	0.00000	7.6788	0.10793	0.02825	33	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2093	7.7000	0.02000	7.6788	0.10793	0.02825	33	0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	7.7020	0.01430	7.6788	0.10793	0.02825	33	0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	0896	7.7100	0.00000	7.6788	0.10793	0.02825	33	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	7.7150	0.05000	7.6788	0.10793	0.02825	33	0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.7300	0.00000	7.6788	0.10793	0.02825	33	0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.7300	0.04000	7.6788	0.10793	0.02825	33	0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0900	7.7400	0.02000	7.6788	0.10793	0.02825	33	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0934	7.7400	0.02000	7.6788	0.10793	0.02825	33	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.7850	0.01000	7.6788	0.10793	0.02825	33	0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	7.8200	0.00000	7.6788	0.10793	0.02825	33	1.31	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.8250	0.07000	7.6788	0.10793	0.02825	33	1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	7.8500	0.02000	7.6788	0.10793	0.02825	33	1.59	1%	0
005.05	Ash, 3h @ 550°C (%)	2018	7.8500	0.06000	7.6788	0.10793	0.02825	33	1.59	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	7.9250	0.09000	7.6788	0.10793	0.02825	33	2.28	2%	0
005.05	Ash, 3h @ 550°C (%)	2058	7.5100	0.18000	7.6788	0.10793	0.02825	33	-1.56	1%	1
005.05	Ash, 3h @ 550°C (%)	2011	7.7800	0.18000	7.6788	0.10793	0.02825	33	0.94	1%	1
005.11	Ash, NIR (%)	0613	5.8450	0.09000	9.4326	0.63687	0.08000	6	-5.63	19%	0
005.11	Ash, NIR (%)	0885	6.6950	0.01000	9.4326	0.63687	0.08000	6	-4.30	15%	0
005.11	Ash, NIR (%)	0297	9.5450	0.11000	9.4326	0.63687	0.08000	6	0.18	1%	0
005.11	Ash, NIR (%)	2036	9.6100	0.08000	9.4326	0.63687	0.08000	6	0.28	1%	0
005.11	Ash, NIR (%)	0720	9.6150	0.17000	9.4326	0.63687	0.08000	6	0.29	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			
005.11	Ash, NIR (%)	0852	10.250	0.02000	9.4326	0.63687	0.08000	6	1.28	4%	0
005.99	Ash, Miscellaneous (%)	0202	7.4100	0.02000	7.6654	0.12918	0.03727	11	-1.98	2%	0
005.99	Ash, Miscellaneous (%)	0574	7.4250	0.09000	7.6654	0.12918	0.03727	11	-1.86	2%	0
005.99	Ash, Miscellaneous (%)	0613	7.5350	0.09000	7.6654	0.12918	0.03727	11	-1.01	1%	0
005.99	Ash, Miscellaneous (%)	2004	7.6050	0.05000	7.6654	0.12918	0.03727	11	-0.47	0%	0
005.99	Ash, Miscellaneous (%)	0536	7.6650	0.03000	7.6654	0.12918	0.03727	11	0.00	0%	0
005.99	Ash, Miscellaneous (%)	0884	7.7000	0.00000	7.6654	0.12918	0.03727	11	0.27	0%	0
005.99	Ash, Miscellaneous (%)	0676	7.7100	0.00000	7.6654	0.12918	0.03727	11	0.35	0%	0
005.99	Ash, Miscellaneous (%)	0629	7.7550	0.03000	7.6654	0.12918	0.03727	11	0.69	1%	0
005.99	Ash, Miscellaneous (%)	2023	7.7550	0.01000	7.6654	0.12918	0.03727	11	0.69	1%	0
005.99	Ash, Miscellaneous (%)	0728	7.7900	0.06000	7.6654	0.12918	0.03727	11	0.96	1%	0
005.99	Ash, Miscellaneous (%)	0652	7.8050	0.03000	7.6654	0.12918	0.03727	11	1.08	1%	0
006.00	Total sugars, As sucrose (%)	0939	4.3870	0.56600			0.56600	1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	5.1600	0.82000			0.82000	1			0
006.99	Total sugars, Miscellaneous (%)	2004	3.1350	0.03000	4.4058	1.4139	0.07000	5	-0.90	14%	0
006.99	Total sugars, Miscellaneous (%)	0720	3.3700	0.04000	4.4058	1.4139	0.07000	5	-0.73	12%	0
006.99	Total sugars, Miscellaneous (%)	0723	4.0040	0.00000	4.4058	1.4139	0.07000	5	-0.28	5%	0
006.99	Total sugars, Miscellaneous (%)	0956	4.9000	0.20000	4.4058	1.4139	0.07000	5	0.35	6%	0
006.99	Total sugars, Miscellaneous (%)	2058	6.6200	0.08000	4.4058	1.4139	0.07000	5	1.57	25%	0
008.02	Fiber, Acid Detergent (%)	0676	4.1200	0.04000	4.9706	0.15788	0.15349	11	-5.39	9%	0
008.02	Fiber, Acid Detergent (%)	0948	4.5200	0.04000	4.9706	0.15788	0.15349	11	-2.85	5%	0
008.02	Fiber, Acid Detergent (%)	0309	4.8873	0.23840	4.9706	0.15788	0.15349	11	-0.53	1%	0
008.02	Fiber, Acid Detergent (%)	0728	4.8900	0.24000	4.9706	0.15788	0.15349	11	-0.51	1%	0
008.02	Fiber, Acid Detergent (%)	0675	4.9450	0.15000	4.9706	0.15788	0.15349	11	-0.16	0%	0
008.02	Fiber, Acid Detergent (%)	0187	4.9550	0.01000	4.9706	0.15788	0.15349	11	-0.10	0%	0
008.02	Fiber, Acid Detergent (%)	0405	4.9950	0.19000	4.9706	0.15788	0.15349	11	0.15	0%	0
008.02	Fiber, Acid Detergent (%)	0148	5.0400	0.12000	4.9706	0.15788	0.15349	11	0.44	1%	0
008.02	Fiber, Acid Detergent (%)	0353	5.5350	0.11000	4.9706	0.15788	0.15349	11	3.58	6%	0
008.02	Fiber, Acid Detergent (%)	0098	5.7150	0.41000	4.9706	0.15788	0.15349	11	4.72	7%	0
008.02	Fiber, Acid Detergent (%)	0609	6.9200	0.14000	4.9706	0.15788	0.15349	11	12.35	20%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	4.9000	0.20000			0.20000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	3.4900	0.00000	4.6694	0.59492	0.24767	31	-1.98	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	3.8800	0.08000	4.6694	0.59492	0.24767	31	-1.33	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	3.8950	0.01000	4.6694	0.59492	0.24767	31	-1.30	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	4.0400	0.62000	4.6694	0.59492	0.24767	31	-1.06	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	4.0424	0.18990	4.6694	0.59492	0.24767	31	-1.05	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	4.0500	0.22000	4.6694	0.59492	0.24767	31	-1.04	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	4.2450	0.03000	4.6694	0.59492	0.24767	31	-0.71	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	4.2500	0.10000	4.6694	0.59492	0.24767	31	-0.70	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	4.3088	0.14880	4.6694	0.59492	0.24767	31	-0.61	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	4.3950	0.09000	4.6694	0.59492	0.24767	31	-0.46	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	4.4200	0.30000	4.6694	0.59492	0.24767	31	-0.42	3%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0581	4.4350	0.21000	4.6694	0.59492	0.24767	31	-0.39	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	4.5350	0.19000	4.6694	0.59492	0.24767	31	-0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	4.5450	0.23000	4.6694	0.59492	0.24767	31	-0.21	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	4.5500	0.10000	4.6694	0.59492	0.24767	31	-0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	4.5763	0.22120	4.6694	0.59492	0.24767	31	-0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	4.6000	0.80000	4.6694	0.59492	0.24767	31	-0.12	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	4.6250	0.07000	4.6694	0.59492	0.24767	31	-0.07	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	4.7600	0.46000	4.6694	0.59492	0.24767	31	0.15	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	4.8900	0.02000	4.6694	0.59492	0.24767	31	0.37	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	4.9334	0.01320	4.6694	0.59492	0.24767	31	0.44	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	4.9500	0.10000	4.6694	0.59492	0.24767	31	0.47	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	5.1550	0.37000	4.6694	0.59492	0.24767	31	0.82	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	5.1800	0.04000	4.6694	0.59492	0.24767	31	0.86	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	5.2950	0.01000	4.6694	0.59492	0.24767	31	1.05	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	5.3800	0.26000	4.6694	0.59492	0.24767	31	1.19	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	5.4355	0.61460	4.6694	0.59492	0.24767	31	1.29	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	5.4500	0.90000	4.6694	0.59492	0.24767	31	1.31	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	5.5000	0.80000	4.6694	0.59492	0.24767	31	1.40	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	5.7800	0.28000	4.6694	0.59492	0.24767	31	1.87	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	5.8000	0.20000	4.6694	0.59492	0.24767	31	1.90	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	11.005	0.41000	4.6694	0.59492	0.24767	31	10.65	68%	2
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	7.1800	0.02000			0.02000	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	10.810	0.12000	13.189	2.3558	0.46230	8	-1.01	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	11.100	1.2000	13.189	2.3558	0.46230	8	-0.89	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	11.575	0.35000	13.189	2.3558	0.46230	8	-0.69	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	12.835	0.11000	13.189	2.3558	0.46230	8	-0.15	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	13.269	0.44840	13.189	2.3558	0.46230	8	0.03	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	13.795	0.89000	13.189	2.3558	0.46230	8	0.26	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2011	15.545	0.49000	13.189	2.3558	0.46230	8	1.00	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	16.585	0.09000	13.189	2.3558	0.46230	8	1.44	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	4.3800	0.14000	11.932	1.1333	0.35110	33	-6.66	32%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	10.000	0.00000	11.932	1.1333	0.35110	33	-1.70	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	10.450	0.30000	11.932	1.1333	0.35110	33	-1.31	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	10.505	0.35000	11.932	1.1333	0.35110	33	-1.26	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	10.540	0.00000	11.932	1.1333	0.35110	33	-1.23	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	10.610	1.2000	11.932	1.1333	0.35110	33	-1.17	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	10.850	0.10000	11.932	1.1333	0.35110	33	-0.95	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	11.115	1.2300	11.932	1.1333	0.35110	33	-0.72	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0098	11.200	0.40000	11.932	1.1333	0.35110	33	-0.65	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	11.300	0.00000	11.932	1.1333	0.35110	33	-0.56	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	11.500	0.20000	11.932	1.1333	0.35110	33	-0.38	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	11.756	0.14180	11.932	1.1333	0.35110	33	-0.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	11.780	0.02000	11.932	1.1333	0.35110	33	-0.13	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	11.890	0.02000	11.932	1.1333	0.35110	33	-0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	11.900	0.00000	11.932	1.1333	0.35110	33	-0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	11.910	0.78000	11.932	1.1333	0.35110	33	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	11.937	0.82310	11.932	1.1333	0.35110	33	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	12.050	0.10000	11.932	1.1333	0.35110	33	0.10	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	12.095	0.07000	11.932	1.1333	0.35110	33	0.14	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	12.155	0.05000	11.932	1.1333	0.35110	33	0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	12.170	0.32000	11.932	1.1333	0.35110	33	0.21	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	12.350	0.22000	11.932	1.1333	0.35110	33	0.37	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	12.380	0.20000	11.932	1.1333	0.35110	33	0.40	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	12.585	0.07000	11.932	1.1333	0.35110	33	0.58	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	12.705	0.43000	11.932	1.1333	0.35110	33	0.68	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	12.800	0.60000	11.932	1.1333	0.35110	33	0.77	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	12.910	0.62000	11.932	1.1333	0.35110	33	0.86	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	12.941	0.00520	11.932	1.1333	0.35110	33	0.89	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	13.000	0.60000	11.932	1.1333	0.35110	33	0.94	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	13.010	0.90000	11.932	1.1333	0.35110	33	0.95	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	14.100	0.40000	11.932	1.1333	0.35110	33	1.91	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	15.073	0.89610	11.932	1.1333	0.35110	33	2.77	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	15.200	0.40000	11.932	1.1333	0.35110	33	2.88	14%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	9.3550	0.13000			0.45000	2	-0.71	7%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	12.315	0.77000			0.45000	2	0.71	7%	0
010.03	Moisture, Karl-Fischer (%)	0208	10.200	0.00000	10.502	0.38478	0.41000	3	-0.78	1%	0
010.03	Moisture, Karl-Fischer (%)	0843	10.370	0.70000	10.502	0.38478	0.41000	3	-0.34	1%	0
010.03	Moisture, Karl-Fischer (%)	0164	10.935	0.53000	10.502	0.38478	0.41000	3	1.13	2%	0
010.11	Moisture, NIR (%)	0720	9.0200	0.00000	10.196	0.79053	0.02800	5	-1.49	6%	0
010.11	Moisture, NIR (%)	0038	10.120	0.06000	10.196	0.79053	0.02800	5	-0.10	0%	0
010.11	Moisture, NIR (%)	2043	10.130	0.06000	10.196	0.79053	0.02800	5	-0.08	0%	0
010.11	Moisture, NIR (%)	0885	10.510	0.00000	10.196	0.79053	0.02800	5	0.40	2%	0
010.11	Moisture, NIR (%)	2036	11.200	0.02000	10.196	0.79053	0.02800	5	1.27	5%	0
010.11	Moisture, NIR (%)	0852	11.000	0.54000	10.196	0.79053	0.02800	5	1.02	4%	1
010.99	Moisture, Miscellaneous (%)	0946	9.1350	0.05000	9.9265	0.53700	0.09231	13	-1.47	4%	0
010.99	Moisture, Miscellaneous (%)	0168	9.2950	0.01000	9.9265	0.53700	0.09231	13	-1.18	3%	0
010.99	Moisture, Miscellaneous (%)	0948	9.4200	0.02000	9.9265	0.53700	0.09231	13	-0.94	3%	0
010.99	Moisture, Miscellaneous (%)	0019	9.6950	0.13000	9.9265	0.53700	0.09231	13	-0.43	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.8000	0.20000	9.9265	0.53700	0.09231	13	-0.24	1%	0
010.99	Moisture, Miscellaneous (%)	2004	9.8900	0.10000	9.9265	0.53700	0.09231	13	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0952	9.9000	0.06000	9.9265	0.53700	0.09231	13	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0917	9.9000	0.20000	9.9265	0.53700	0.09231	13	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0939	10.020	0.06000	9.9265	0.53700	0.09231	13	0.17	0%	0
010.99	Moisture, Miscellaneous (%)	0405	10.230	0.06000	9.9265	0.53700	0.09231	13	0.57	2%	0

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010.99	Moisture, Miscellaneous (%)	0943	10.470	0.04000	9.9265	0.53700	0.09231	13	1.01	3%	0
010.99	Moisture, Miscellaneous (%)	0726	10.625	0.05000	9.9265	0.53700	0.09231	13	1.30	4%	0
010.99	Moisture, Miscellaneous (%)	0625	10.700	0.22000	9.9265	0.53700	0.09231	13	1.44	4%	0
010.99	Moisture, Miscellaneous (%)	2089	9.1500	0.46000	9.9265	0.53700	0.09231	13	-1.45	4%	1
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.8150	0.03000	10.661	0.41479	0.15517	79	-4.45	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.2755	0.06900	10.661	0.41479	0.15517	79	-3.34	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.2950	0.59000	10.661	0.41479	0.15517	79	-3.29	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.3400	0.48000	10.661	0.41479	0.15517	79	-3.18	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.5950	0.09000	10.661	0.41479	0.15517	79	-2.57	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.6050	0.07000	10.661	0.41479	0.15517	79	-2.55	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.6324	0.02350	10.661	0.41479	0.15517	79	-2.48	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	9.6503	0.53060	10.661	0.41479	0.15517	79	-2.44	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	9.9150	0.65000	10.661	0.41479	0.15517	79	-1.80	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	10.075	0.59000	10.661	0.41479	0.15517	79	-1.41	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.142	0.04480	10.661	0.41479	0.15517	79	-1.25	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.175	0.55000	10.661	0.41479	0.15517	79	-1.17	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.188	0.03900	10.661	0.41479	0.15517	79	-1.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.230	0.04000	10.661	0.41479	0.15517	79	-1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.250	0.00000	10.661	0.41479	0.15517	79	-0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.266	0.10460	10.661	0.41479	0.15517	79	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.267	0.63550	10.661	0.41479	0.15517	79	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.316	0.13700	10.661	0.41479	0.15517	79	-0.83	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.335	0.31000	10.661	0.41479	0.15517	79	-0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	10.358	0.02500	10.661	0.41479	0.15517	79	-0.73	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.405	0.49000	10.661	0.41479	0.15517	79	-0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.420	0.02000	10.661	0.41479	0.15517	79	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.425	0.01000	10.661	0.41479	0.15517	79	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.425	0.11000	10.661	0.41479	0.15517	79	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	10.475	0.65000	10.661	0.41479	0.15517	79	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.500	0.20000	10.661	0.41479	0.15517	79	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.500	0.58000	10.661	0.41479	0.15517	79	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	10.555	0.07000	10.661	0.41479	0.15517	79	-0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.560	0.16000	10.661	0.41479	0.15517	79	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.560	0.00000	10.661	0.41479	0.15517	79	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.590	0.12000	10.661	0.41479	0.15517	79	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.610	0.00000	10.661	0.41479	0.15517	79	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	10.615	0.13000	10.661	0.41479	0.15517	79	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.620	0.14000	10.661	0.41479	0.15517	79	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.640	0.16000	10.661	0.41479	0.15517	79	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.650	0.04000	10.661	0.41479	0.15517	79	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	10.675	0.05000	10.661	0.41479	0.15517	79	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.690	0.08500	10.661	0.41479	0.15517	79	0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.700	0.00000	10.661	0.41479	0.15517	79	0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	10.710	0.06000	10.661	0.41479	0.15517	79	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.730	0.04000	10.661	0.41479	0.15517	79	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.745	0.05000	10.661	0.41479	0.15517	79	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.745	0.21000	10.661	0.41479	0.15517	79	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.750	0.14000	10.661	0.41479	0.15517	79	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.755	0.05000	10.661	0.41479	0.15517	79	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.755	0.03000	10.661	0.41479	0.15517	79	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.755	0.45000	10.661	0.41479	0.15517	79	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.763	0.05510	10.661	0.41479	0.15517	79	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.765	0.09000	10.661	0.41479	0.15517	79	0.25	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	10.775	0.27000	10.661	0.41479	0.15517	79	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2067	10.786	0.00700	10.661	0.41479	0.15517	79	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.810	0.12000	10.661	0.41479	0.15517	79	0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.830	0.00000	10.661	0.41479	0.15517	79	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.845	0.23000	10.661	0.41479	0.15517	79	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.850	0.10000	10.661	0.41479	0.15517	79	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0955	10.850	0.10000	10.661	0.41479	0.15517	79	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.860	0.14000	10.661	0.41479	0.15517	79	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.900	0.20000	10.661	0.41479	0.15517	79	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	10.905	0.03000	10.661	0.41479	0.15517	79	0.59	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	10.915	0.19000	10.661	0.41479	0.15517	79	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.920	0.10000	10.661	0.41479	0.15517	79	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.950	0.10000	10.661	0.41479	0.15517	79	0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	10.975	0.07000	10.661	0.41479	0.15517	79	0.76	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.025	0.03000	10.661	0.41479	0.15517	79	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	11.055	0.01000	10.661	0.41479	0.15517	79	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	11.080	0.06000	10.661	0.41479	0.15517	79	1.01	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0039	11.082	0.04230	10.661	0.41479	0.15517	79	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	11.085	0.03000	10.661	0.41479	0.15517	79	1.02	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	11.095	0.41000	10.661	0.41479	0.15517	79	1.05	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2058	11.110	0.22000	10.661	0.41479	0.15517	79	1.08	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	11.150	0.10000	10.661	0.41479	0.15517	79	1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	11.155	0.01000	10.661	0.41479	0.15517	79	1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	11.225	0.07000	10.661	0.41479	0.15517	79	1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	11.225	0.01000	10.661	0.41479	0.15517	79	1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	11.230	0.10000	10.661	0.41479	0.15517	79	1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	11.305	0.05000	10.661	0.41479	0.15517	79	1.55	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	11.365	0.03000	10.661	0.41479	0.15517	79	1.70	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	11.550	0.10000	10.661	0.41479	0.15517	79	2.14	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	11.785	0.13000	10.661	0.41479	0.15517	79	2.71	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	5.4200	10.840	10.661	0.41479	0.15517	79	-12.63	25%	4

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.305	0.11000			0.06000	2	-0.71	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	11.025	0.01000			0.06000	2	0.71	2%	0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	6.5900	0.00000			0.00000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.405	0.01000	10.525	0.15171	0.12500	4	-0.79	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	10.450	0.14000	10.525	0.15171	0.12500	4	-0.49	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.500	0.00000	10.525	0.15171	0.12500	4	-0.16	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	10.745	0.35000	10.525	0.15171	0.12500	4	1.45	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	33.280	0.00000	37.019	0.96328	0.26700	10	-3.88	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	36.120	0.00000	37.019	0.96328	0.26700	10	-0.93	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	36.500	0.20000	37.019	0.96328	0.26700	10	-0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	36.575	0.09000	37.019	0.96328	0.26700	10	-0.46	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	36.700	0.60000	37.019	0.96328	0.26700	10	-0.33	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	37.305	0.47000	37.019	0.96328	0.26700	10	0.30	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	37.605	0.01000	37.019	0.96328	0.26700	10	0.61	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	37.760	0.00000	37.019	0.96328	0.26700	10	0.77	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	37.900	0.80000	37.019	0.96328	0.26700	10	0.91	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	38.150	0.50000	37.019	0.96328	0.26700	10	1.17	2%	0
012.01	Starch, Megazyme (%)	0676	31.290	1.4200	34.615	2.1751	1.2826	7	-1.53	5%	0
012.01	Starch, Megazyme (%)	0918	32.313	0.60100	34.615	2.1751	1.2826	7	-1.06	3%	0
012.01	Starch, Megazyme (%)	0956	33.850	0.90000	34.615	2.1751	1.2826	7	-0.35	1%	0
012.01	Starch, Megazyme (%)	0613	35.100	4.0600	34.615	2.1751	1.2826	7	0.22	1%	0
012.01	Starch, Megazyme (%)	2004	36.050	0.50000	34.615	2.1751	1.2826	7	0.66	2%	0
012.01	Starch, Megazyme (%)	0870	36.492	1.0974	34.615	2.1751	1.2826	7	0.86	3%	0
012.01	Starch, Megazyme (%)	0265	36.500	0.40000	34.615	2.1751	1.2826	7	0.87	3%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	36.250	0.30000			0.30000	1			0
012.03	Starch, Enzymatic (%)	0098	35.200	0.60000	36.135	1.2855	0.67000	4	-0.73	1%	0
012.03	Starch, Enzymatic (%)	0407	35.590	0.54000	36.135	1.2855	0.67000	4	-0.42	1%	0
012.03	Starch, Enzymatic (%)	0885	35.715	0.59000	36.135	1.2855	0.67000	4	-0.33	1%	0
012.03	Starch, Enzymatic (%)	0297	38.035	0.95000	36.135	1.2855	0.67000	4	1.48	3%	0
012.04	Starch, YSI Analyzer (%)	0278	31.750	0.30000	34.498	1.9221	0.33600	5	-1.43	4%	0
012.04	Starch, YSI Analyzer (%)	0510	33.850	0.30000	34.498	1.9221	0.33600	5	-0.34	1%	0
012.04	Starch, YSI Analyzer (%)	0160	34.630	0.50000	34.498	1.9221	0.33600	5	0.07	0%	0
012.04	Starch, YSI Analyzer (%)	0353	35.275	0.23000	34.498	1.9221	0.33600	5	0.40	1%	0
012.04	Starch, YSI Analyzer (%)	0948	36.985	0.35000	34.498	1.9221	0.33600	5	1.29	4%	0
012.11	Starch, NIR (%)	0852	30.385	0.01000	34.114	3.3115	0.06800	5	-1.13	5%	0
012.11	Starch, NIR (%)	0889	31.515	0.01000	34.114	3.3115	0.06800	5	-0.78	4%	0
012.11	Starch, NIR (%)	0297	33.660	0.04000	34.114	3.3115	0.06800	5	-0.14	1%	0
012.11	Starch, NIR (%)	0720	37.505	0.01000	34.114	3.3115	0.06800	5	1.02	5%	0
012.11	Starch, NIR (%)	0885	37.505	0.27000	34.114	3.3115	0.06800	5	1.02	5%	0
012.11	Starch, NIR (%)	2036	37.145	1.0900	34.114	3.3115	0.06800	5	0.92	4%	1
013.00	Fat, Acid hydrolysis (%)	0083	3.9500	0.10000	4.5807	0.55099	0.15165	18	-1.14	7%	0
013.00	Fat, Acid hydrolysis (%)	0689	4.0000	0.20000	4.5807	0.55099	0.15165	18	-1.05	6%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
013.00	Fat, Acid hydrolysis (%)	0297	4.0100	0.00000	4.5807	0.55099	0.15165	18	-1.04	6%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.1000	0.40000	4.5807	0.55099	0.15165	18	-0.87	5%	0
013.00	Fat, Acid hydrolysis (%)	0555	4.1500	0.30000	4.5807	0.55099	0.15165	18	-0.78	5%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.2300	0.04000	4.5807	0.55099	0.15165	18	-0.64	4%	0
013.00	Fat, Acid hydrolysis (%)	0242	4.2700	0.02000	4.5807	0.55099	0.15165	18	-0.56	3%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.3150	0.09000	4.5807	0.55099	0.15165	18	-0.48	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	4.3500	0.16000	4.5807	0.55099	0.15165	18	-0.42	3%	0
013.00	Fat, Acid hydrolysis (%)	2004	4.5500	0.10000	4.5807	0.55099	0.15165	18	-0.06	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.6500	0.30000	4.5807	0.55099	0.15165	18	0.13	1%	0
013.00	Fat, Acid hydrolysis (%)	0139	5.0200	0.06000	4.5807	0.55099	0.15165	18	0.80	5%	0
013.00	Fat, Acid hydrolysis (%)	0309	5.0552	0.28970	4.5807	0.55099	0.15165	18	0.86	5%	0
013.00	Fat, Acid hydrolysis (%)	2023	5.0600	0.06000	4.5807	0.55099	0.15165	18	0.87	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	5.0700	0.26000	4.5807	0.55099	0.15165	18	0.89	5%	0
013.00	Fat, Acid hydrolysis (%)	0615	5.0700	0.02000	4.5807	0.55099	0.15165	18	0.89	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	5.1950	0.09000	4.5807	0.55099	0.15165	18	1.11	7%	0
013.00	Fat, Acid hydrolysis (%)	2016	5.4800	0.24000	4.5807	0.55099	0.15165	18	1.63	10%	0
013.00	Fat, Acid hydrolysis (%)	2076	4.6350	1.8500	4.5807	0.55099	0.15165	18	0.10	1%	1
013.02	Fat, Mojonnier, Bak Ext (%)	2058	4.3500	0.06000	4.9109	0.39594	0.12979	23	-1.42	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.3650	0.27000	4.9109	0.39594	0.12979	23	-1.38	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.4350	0.13000	4.9109	0.39594	0.12979	23	-1.20	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0853	4.4750	0.29000	4.9109	0.39594	0.12979	23	-1.10	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	4.5150	0.05000	4.9109	0.39594	0.12979	23	-1.00	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	4.5400	0.04000	4.9109	0.39594	0.12979	23	-0.94	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.6650	0.09000	4.9109	0.39594	0.12979	23	-0.62	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	4.6850	0.01000	4.9109	0.39594	0.12979	23	-0.57	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.7848	0.03520	4.9109	0.39594	0.12979	23	-0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.8300	0.06000	4.9109	0.39594	0.12979	23	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.9950	0.05000	4.9109	0.39594	0.12979	23	0.21	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	5.0000	0.08000	4.9109	0.39594	0.12979	23	0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	5.0150	0.11000	4.9109	0.39594	0.12979	23	0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	5.0250	0.41000	4.9109	0.39594	0.12979	23	0.29	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	5.0450	0.27000	4.9109	0.39594	0.12979	23	0.34	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	5.0650	0.47000	4.9109	0.39594	0.12979	23	0.39	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	5.2150	0.01000	4.9109	0.39594	0.12979	23	0.77	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	5.2200	0.10000	4.9109	0.39594	0.12979	23	0.78	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.2800	0.00000	4.9109	0.39594	0.12979	23	0.93	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.3000	0.10000	4.9109	0.39594	0.12979	23	0.98	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	5.3350	0.13000	4.9109	0.39594	0.12979	23	1.07	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	5.3950	0.17000	4.9109	0.39594	0.12979	23	1.22	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	5.4150	0.05000	4.9109	0.39594	0.12979	23	1.27	5%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	2.8500	0.00000			0.00000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	3.8250	0.43000	4.3225	0.44932	0.24115	10	-1.11	6%	0

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013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	3.9150	0.57000	4.3225	0.44932	0.24115	10	-0.91	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	3.9750	0.35000	4.3225	0.44932	0.24115	10	-0.77	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2003	3.9988	0.10750	4.3225	0.44932	0.24115	10	-0.72	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	4.2000	0.04000	4.3225	0.44932	0.24115	10	-0.27	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	4.4350	0.12400	4.3225	0.44932	0.24115	10	0.25	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	4.5550	0.07000	4.3225	0.44932	0.24115	10	0.52	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	4.6050	0.09000	4.3225	0.44932	0.24115	10	0.63	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.7200	0.52000	4.3225	0.44932	0.24115	10	0.88	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	5.0250	0.11000	4.3225	0.44932	0.24115	10	1.56	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	4.5050	0.35000	5.0025	0.44031	0.23000	4	-1.13	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.7600	0.26000	5.0025	0.44031	0.23000	4	-0.55	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	5.3450	0.11000	5.0025	0.44031	0.23000	4	0.78	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	5.4000	0.20000	5.0025	0.44031	0.23000	4	0.90	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	156.55	9.5300	178.94	25.120	10.696	5	-0.89	6%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	167.66	4.9505	178.94	25.120	10.696	5	-0.45	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	168.00	2.0000	178.94	25.120	10.696	5	-0.44	3%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	181.50	19.000	178.94	25.120	10.696	5	0.10	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	221.00	18.000	178.94	25.120	10.696	5	1.67	12%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	172.05	10.100			10.100	1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	142.00	2.0000	163.65	22.497	12.818	6	-0.96	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0168	147.15	32.300	163.65	22.497	12.818	6	-0.73	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	152.50	27.000	163.65	22.497	12.818	6	-0.50	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	170.50	9.0000	163.65	22.497	12.818	6	0.30	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	176.07	0.60900	163.65	22.497	12.818	6	0.55	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	196.00	6.0000	163.65	22.497	12.818	6	1.44	10%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	9.4550	0.51000			0.91500	2	-0.71	6%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	12.240	1.3200			0.91500	2	0.71	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	9.2950	0.01000	10.926	1.6275	0.20815	4	-0.90	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	9.6950	0.69000	10.926	1.6275	0.20815	4	-0.63	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	10.932	0.03260	10.926	1.6275	0.20815	4	0.21	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	12.550	0.10000	10.926	1.6275	0.20815	4	1.32	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	6.5000	1.0000	9.1813	1.9056	1.2640	5	-1.23	19%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	9.5000	1.0000	9.1813	1.9056	1.2640	5	-0.28	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	9.7250	0.39000	9.1813	1.9056	1.2640	5	-0.21	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	11.000	0.00000	9.1813	1.9056	1.2640	5	0.20	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	15.185	3.9300	9.1813	1.9056	1.2640	5	1.52	23%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	1.3200	0.02000	1.4764	0.06897	0.01545	23	-2.27	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	1.3850	0.01000	1.4764	0.06897	0.01545	23	-1.33	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.3900	0.00000	1.4764	0.06897	0.01545	23	-1.25	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0896	1.4150	0.01000	1.4764	0.06897	0.01545	23	-0.89	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.4250	0.02000	1.4764	0.06897	0.01545	23	-0.75	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.4292	0.01730	1.4764	0.06897	0.01545	23	-0.69	2%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	2067	1.4385	0.04300	1.4764	0.06897	0.01545	23	-0.55	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.4400	0.02000	1.4764	0.06897	0.01545	23	-0.53	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0625	1.4400	0.02000	1.4764	0.06897	0.01545	23	-0.53	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.4413	0.01260	1.4764	0.06897	0.01545	23	-0.51	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.4625	0.00100	1.4764	0.06897	0.01545	23	-0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.4850	0.09000	1.4764	0.06897	0.01545	23	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	1.4900	0.02000	1.4764	0.06897	0.01545	23	0.20	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.4950	0.01000	1.4764	0.06897	0.01545	23	0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.4950	0.01000	1.4764	0.06897	0.01545	23	0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.5000	0.00000	1.4764	0.06897	0.01545	23	0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.5200	0.02000	1.4764	0.06897	0.01545	23	0.63	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.5200	0.00000	1.4764	0.06897	0.01545	23	0.63	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.5404	0.00150	1.4764	0.06897	0.01545	23	0.93	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2011	1.5500	0.00000	1.4764	0.06897	0.01545	23	1.07	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.5550	0.01000	1.4764	0.06897	0.01545	23	1.14	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0900	1.6100	0.02000	1.4764	0.06897	0.01545	23	1.94	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.6400	0.00000	1.4764	0.06897	0.01545	23	2.37	6%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.3691	0.12930	1.4764	0.06897	0.01545	23	-1.56	4%	1
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.4705	0.00080			0.00080	1			0
019.08	Calcium, EDTA (%)	0852	1.0500	0.10000	1.4378	0.05682	0.03150	8	-6.83	13%	0
019.08	Calcium, EDTA (%)	0689	1.3950	0.03000	1.4378	0.05682	0.03150	8	-0.75	1%	0
019.08	Calcium, EDTA (%)	0138	1.4045	0.02700	1.4378	0.05682	0.03150	8	-0.59	1%	0
019.08	Calcium, EDTA (%)	0629	1.4300	0.00000	1.4378	0.05682	0.03150	8	-0.14	0%	0
019.08	Calcium, EDTA (%)	0590	1.4600	0.06000	1.4378	0.05682	0.03150	8	0.39	1%	0
019.08	Calcium, EDTA (%)	0849	1.4725	0.00500	1.4378	0.05682	0.03150	8	0.61	1%	0
019.08	Calcium, EDTA (%)	0885	1.4850	0.03000	1.4378	0.05682	0.03150	8	0.83	2%	0
019.08	Calcium, EDTA (%)	2086	1.5000	0.00000	1.4378	0.05682	0.03150	8	1.09	2%	0
019.08	Calcium, EDTA (%)	0940	1.3700	0.28000	1.4378	0.05682	0.03150	8	-1.19	2%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.3610	0.05000			0.05000	1			0
019.31	Calcium, AAS, Dry ash (%)	0152	1.2900	0.00000	1.4585	0.05028	0.03577	27	-3.35	6%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.3250	0.01000	1.4585	0.05028	0.03577	27	-2.65	5%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.3550	0.03000	1.4585	0.05028	0.03577	27	-2.06	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.3995	0.03900	1.4585	0.05028	0.03577	27	-1.17	2%	0
019.31	Calcium, AAS, Dry ash (%)	2018	1.4000	0.08000	1.4585	0.05028	0.03577	27	-1.16	2%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.4050	0.01000	1.4585	0.05028	0.03577	27	-1.06	2%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.4100	0.02000	1.4585	0.05028	0.03577	27	-0.96	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.4387	0.02650	1.4585	0.05028	0.03577	27	-0.39	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.4435	0.00300	1.4585	0.05028	0.03577	27	-0.30	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.4550	0.03000	1.4585	0.05028	0.03577	27	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.4552	0.00000	1.4585	0.05028	0.03577	27	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.4600	0.16000	1.4585	0.05028	0.03577	27	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.4600	0.02000	1.4585	0.05028	0.03577	27	0.03	0%	0

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019.31	Calcium, AAS, Dry ash (%)	0687	1.4600	0.06000	1.4585	0.05028	0.03577	27	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.4650	0.01000	1.4585	0.05028	0.03577	27	0.13	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.4800	0.02000	1.4585	0.05028	0.03577	27	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.4867	0.02020	1.4585	0.05028	0.03577	27	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0178	1.4880	0.01800	1.4585	0.05028	0.03577	27	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.4935	0.00500	1.4585	0.05028	0.03577	27	0.70	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.4950	0.07000	1.4585	0.05028	0.03577	27	0.73	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.4950	0.03000	1.4585	0.05028	0.03577	27	0.73	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.4950	0.03000	1.4585	0.05028	0.03577	27	0.73	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.4950	0.01000	1.4585	0.05028	0.03577	27	0.73	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.4970	0.00000	1.4585	0.05028	0.03577	27	0.77	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.5000	0.02000	1.4585	0.05028	0.03577	27	0.83	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.5190	0.03400	1.4585	0.05028	0.03577	27	1.20	2%	0
019.31	Calcium, AAS, Dry ash (%)	0946	1.7150	0.21000	1.4585	0.05028	0.03577	27	5.10	9%	0
019.31	Calcium, AAS, Dry ash (%)	0674	0.66500	1.3300	1.4585	0.05028	0.03577	27	-15.78	27%	4
019.32	Calcium, AAS, Open vessel (%)	0013	1.4350	0.05000	1.4848	0.04864	0.02598	5	-1.02	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.4630	0.01400	1.4848	0.04864	0.02598	5	-0.45	1%	0
019.32	Calcium, AAS, Open vessel (%)	0263	1.4762	0.00590	1.4848	0.04864	0.02598	5	-0.18	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.4850	0.01000	1.4848	0.04864	0.02598	5	0.00	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.5650	0.05000	1.4848	0.04864	0.02598	5	1.65	3%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.5535	0.21700	1.4848	0.04864	0.02598	5	1.41	2%	1
019.33	Calcium, AAS, Microwave (%)	0504	1.5295	0.13500			0.11250	2	-0.71	0%	0
019.33	Calcium, AAS, Microwave (%)	0010	1.5450	0.09000			0.11250	2	0.71	0%	0
019.35	Calcium, AAS, Open vessel (%)	0554	1.6100	0.00000			0.00000	1			0
019.41	Calcium, ICP, Dry ash (%)	0018	1.3550	0.05000	1.4962	0.06825	0.03184	40	-2.07	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.3550	0.03000	1.4962	0.06825	0.03184	40	-2.07	5%	0
019.41	Calcium, ICP, Dry ash (%)	0553	1.3800	0.04000	1.4962	0.06825	0.03184	40	-1.70	4%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.3900	0.02000	1.4962	0.06825	0.03184	40	-1.56	4%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.4100	0.02000	1.4962	0.06825	0.03184	40	-1.26	3%	0
019.41	Calcium, ICP, Dry ash (%)	0425	1.4200	0.00000	1.4962	0.06825	0.03184	40	-1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.4200	0.00000	1.4962	0.06825	0.03184	40	-1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.4420	0.06600	1.4962	0.06825	0.03184	40	-0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.4437	0.00200	1.4962	0.06825	0.03184	40	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.4450	0.11000	1.4962	0.06825	0.03184	40	-0.75	2%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.4492	0.00270	1.4962	0.06825	0.03184	40	-0.69	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.4600	0.04000	1.4962	0.06825	0.03184	40	-0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.4700	0.00000	1.4962	0.06825	0.03184	40	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.4750	0.05000	1.4962	0.06825	0.03184	40	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.4800	0.08000	1.4962	0.06825	0.03184	40	-0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.4850	0.07000	1.4962	0.06825	0.03184	40	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.4850	0.01000	1.4962	0.06825	0.03184	40	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.4880	0.01000	1.4962	0.06825	0.03184	40	-0.12	0%	0

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019.41	Calcium, ICP, Dry ash (%)	0171	1.4900	0.02000	1.4962	0.06825	0.03184	40	-0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.4950	0.05000	1.4962	0.06825	0.03184	40	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.5000	0.04000	1.4962	0.06825	0.03184	40	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.5000	0.02000	1.4962	0.06825	0.03184	40	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.5000	0.00000	1.4962	0.06825	0.03184	40	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.5050	0.01000	1.4962	0.06825	0.03184	40	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.5100	0.00000	1.4962	0.06825	0.03184	40	0.20	0%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.5120	0.01000	1.4962	0.06825	0.03184	40	0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.5250	0.03000	1.4962	0.06825	0.03184	40	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	1.5250	0.05000	1.4962	0.06825	0.03184	40	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.5297	0.03800	1.4962	0.06825	0.03184	40	0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.5300	0.02000	1.4962	0.06825	0.03184	40	0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.5365	0.15900	1.4962	0.06825	0.03184	40	0.59	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.5470	0.00200	1.4962	0.06825	0.03184	40	0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.5550	0.05000	1.4962	0.06825	0.03184	40	0.86	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.5565	0.06100	1.4962	0.06825	0.03184	40	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.5835	0.00300	1.4962	0.06825	0.03184	40	1.28	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.6000	0.00000	1.4962	0.06825	0.03184	40	1.52	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.6000	0.02000	1.4962	0.06825	0.03184	40	1.52	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.6200	0.08000	1.4962	0.06825	0.03184	40	1.81	4%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.6250	0.01000	1.4962	0.06825	0.03184	40	1.89	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.7600	0.00000	1.4962	0.06825	0.03184	40	3.87	9%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.5350	0.21000	1.4962	0.06825	0.03184	40	0.57	1%	1
019.42	Calcium, ICP, Open vessel (%)	0042	1.3850	0.01000	1.5092	0.08120	0.04197	22	-1.53	4%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.3850	0.03000	1.5092	0.08120	0.04197	22	-1.53	4%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.4100	0.12000	1.5092	0.08120	0.04197	22	-1.22	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.4350	0.03000	1.5092	0.08120	0.04197	22	-0.91	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.4500	0.04000	1.5092	0.08120	0.04197	22	-0.73	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.4528	0.05420	1.5092	0.08120	0.04197	22	-0.69	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.4700	0.04000	1.5092	0.08120	0.04197	22	-0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.4720	0.08600	1.5092	0.08120	0.04197	22	-0.46	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.4750	0.03000	1.5092	0.08120	0.04197	22	-0.42	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.5048	0.04310	1.5092	0.08120	0.04197	22	-0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.5100	0.02000	1.5092	0.08120	0.04197	22	0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.5150	0.03000	1.5092	0.08120	0.04197	22	0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.5175	0.00500	1.5092	0.08120	0.04197	22	0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.5250	0.13000	1.5092	0.08120	0.04197	22	0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.5295	0.07300	1.5092	0.08120	0.04197	22	0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.5300	0.00000	1.5092	0.08120	0.04197	22	0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.5500	0.10000	1.5092	0.08120	0.04197	22	0.50	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.5800	0.02000	1.5092	0.08120	0.04197	22	0.87	2%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.6000	0.02000	1.5092	0.08120	0.04197	22	1.12	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			
019.42	Calcium, ICP, Open vessel (%)	0190	1.6450	0.03000	1.5092	0.08120	0.04197	22	1.67	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.6600	0.00200	1.5092	0.08120	0.04197	22	1.86	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.7450	0.01000	1.5092	0.08120	0.04197	22	2.90	8%	0
019.43	Calcium, ICP, Microwave (%)	2058	1.2400	0.02000	1.4998	0.07793	0.03329	21	-3.33	9%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.3365	0.04360	1.4998	0.07793	0.03329	21	-2.10	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.3650	0.01000	1.4998	0.07793	0.03329	21	-1.73	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.4300	0.02000	1.4998	0.07793	0.03329	21	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.4300	0.04000	1.4998	0.07793	0.03329	21	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.4498	0.04940	1.4998	0.07793	0.03329	21	-0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	0508	1.4690	0.00800	1.4998	0.07793	0.03329	21	-0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.4700	0.06000	1.4998	0.07793	0.03329	21	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0021	1.5000	0.00000	1.4998	0.07793	0.03329	21	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.5000	0.02000	1.4998	0.07793	0.03329	21	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.5045	0.04500	1.4998	0.07793	0.03329	21	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.5150	0.00000	1.4998	0.07793	0.03329	21	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.5150	0.03000	1.4998	0.07793	0.03329	21	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.5200	0.00000	1.4998	0.07793	0.03329	21	0.26	1%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.5250	0.05000	1.4998	0.07793	0.03329	21	0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.5550	0.03000	1.4998	0.07793	0.03329	21	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.5550	0.03000	1.4998	0.07793	0.03329	21	0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.5645	0.05300	1.4998	0.07793	0.03329	21	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.5950	0.11000	1.4998	0.07793	0.03329	21	1.22	3%	0
019.43	Calcium, ICP, Microwave (%)	0037	1.6050	0.03000	1.4998	0.07793	0.03329	21	1.35	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.6650	0.05000	1.4998	0.07793	0.03329	21	2.12	6%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.4500	0.40000	1.4998	0.07793	0.03329	21	-0.64	2%	1
019.44	Calcium, ICP, Dry ash (%)	2023	1.4200	0.02000	1.4667	0.04311	0.02000	3	-1.08	2%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.4750	0.01000	1.4667	0.04311	0.02000	3	0.19	0%	0
019.44	Calcium, ICP, Dry ash (%)	0955	1.5050	0.03000	1.4667	0.04311	0.02000	3	0.89	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.2200	0.04000			0.07460	2	-0.71	4%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.4311	0.10920			0.07460	2	0.71	4%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.5800	0.04000			0.06000	2	-0.71	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.6200	0.08000			0.06000	2	0.71	1%	0
019.99	Calcium, Miscellaneous (%)	0852	0.95000	0.10000	1.3331	0.27184	0.02814	5	-1.41	14%	0
019.99	Calcium, Miscellaneous (%)	0889	1.1454	0.00070	1.3331	0.27184	0.02814	5	-0.69	7%	0
019.99	Calcium, Miscellaneous (%)	0676	1.4850	0.01000	1.3331	0.27184	0.02814	5	0.56	6%	0
019.99	Calcium, Miscellaneous (%)	0242	1.5050	0.01000	1.3331	0.27184	0.02814	5	0.63	6%	0
019.99	Calcium, Miscellaneous (%)	0100	1.5800	0.02000	1.3331	0.27184	0.02814	5	0.91	9%	0
019.99	Calcium, Miscellaneous (%)	2105	1.6000	0.60000	1.3331	0.27184	0.02814	5	0.98	10%	1
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	0.97000	0.00000	2.7600	1.5881	0.05000	4	-1.37	32%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	2.7000	0.20000	2.7600	1.5881	0.05000	4	-0.03	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0563	3.3100	0.00000	2.7600	1.5881	0.05000	4	0.44	10%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	4.0000	0.00000	2.7600	1.5881	0.05000	4	0.97	23%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.6700	0.00000	2.4441	0.67390	0.06063	4	-1.32	20%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	2.7623	0.05250	2.4441	0.67390	0.06063	4	0.03	0%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.9000	0.00000	2.4441	0.67390	0.06063	4	0.20	3%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	3.6350	0.19000	2.4441	0.67390	0.06063	4	1.10	16%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	2.3200	0.27400			0.20720	2	-0.71	2%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	2.5043	0.14040			0.20720	2	0.71	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	2.7400	0.44000	2.8817	0.18883	0.27938	5	-0.75	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	2.7500	0.10000	2.8817	0.18883	0.27938	5	-0.70	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	2.7800	0.10000	2.8817	0.18883	0.27938	5	-0.54	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	2.9584	0.09690	2.8817	0.18883	0.27938	5	0.41	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	3.1800	0.66000	2.8817	0.18883	0.27938	5	1.58	5%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.0000	0.40000			0.40000	1			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	1.9504	0.04060	2.3164	0.38181	0.39232	5	-0.96	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	1.9835	0.58300	2.3164	0.38181	0.39232	5	-0.87	7%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	2.3080	0.27800	2.3164	0.38181	0.39232	5	-0.02	0%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.4600	0.94000	2.3164	0.38181	0.39232	5	0.38	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	2.8800	0.12000	2.3164	0.38181	0.39232	5	1.48	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0905	70.000	0.00000	76.707	4.6314	2.0653	17	-1.45	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	71.000	0.00000	76.707	4.6314	2.0653	17	-1.23	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	71.450	1.3000	76.707	4.6314	2.0653	17	-1.13	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	72.500	5.0000	76.707	4.6314	2.0653	17	-0.91	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	73.800	0.00000	76.707	4.6314	2.0653	17	-0.63	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	74.450	0.10000	76.707	4.6314	2.0653	17	-0.49	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	75.840	1.6400	76.707	4.6314	2.0653	17	-0.19	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	76.000	2.0000	76.707	4.6314	2.0653	17	-0.15	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	76.375	0.37000	76.707	4.6314	2.0653	17	-0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	78.000	0.00000	76.707	4.6314	2.0653	17	0.28	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	78.273	0.00000	76.707	4.6314	2.0653	17	0.34	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	79.500	1.0000	76.707	4.6314	2.0653	17	0.60	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	79.920	4.1600	76.707	4.6314	2.0653	17	0.69	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	80.350	0.50000	76.707	4.6314	2.0653	17	0.79	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	81.050	8.9000	76.707	4.6314	2.0653	17	0.94	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	81.850	4.5000	76.707	4.6314	2.0653	17	1.11	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	93.220	5.6400	76.707	4.6314	2.0653	17	3.57	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	37.275	74.550	76.707	4.6314	2.0653	17	-8.51	26%	4
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	80.000	0.00000	86.600	6.1239	0.97833	6	-1.08	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	82.585	1.4100	86.600	6.1239	0.97833	6	-0.66	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	85.705	0.25000	86.600	6.1239	0.97833	6	-0.15	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0013	85.750	0.10000	86.600	6.1239	0.97833	6	-0.14	0%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	90.750	2.9000	86.600	6.1239	0.97833	6	0.68	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0263	95.555	1.2100	86.600	6.1239	0.97833	6	1.46	5%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	75.375	0.57000	82.826	5.2842	1.3875	4	-1.41	4%	0

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022.33	Copper, AAS, Microwave (mg / kg (ppm))	2018	83.925	2.3900	82.826	5.2842	1.3875	4	0.21	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	84.150	0.30000	82.826	5.2842	1.3875	4	0.25	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	87.855	2.2900	82.826	5.2842	1.3875	4	0.95	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	66.500	9.0000	77.359	4.9482	2.6150	30	-2.19	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	69.470	4.0200	77.359	4.9482	2.6150	30	-1.59	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	69.550	3.1000	77.359	4.9482	2.6150	30	-1.58	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	71.130	1.7400	77.359	4.9482	2.6150	30	-1.26	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	72.350	3.5000	77.359	4.9482	2.6150	30	-1.01	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	72.380	1.8800	77.359	4.9482	2.6150	30	-1.01	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	74.500	1.0000	77.359	4.9482	2.6150	30	-0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	74.500	5.0000	77.359	4.9482	2.6150	30	-0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	74.500	3.0000	77.359	4.9482	2.6150	30	-0.58	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	74.525	1.2500	77.359	4.9482	2.6150	30	-0.57	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	74.700	4.8000	77.359	4.9482	2.6150	30	-0.54	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	74.750	0.50000	77.359	4.9482	2.6150	30	-0.53	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	75.800	0.00000	77.359	4.9482	2.6150	30	-0.31	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	76.000	2.0000	77.359	4.9482	2.6150	30	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	77.500	5.0000	77.359	4.9482	2.6150	30	0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	77.830	2.9600	77.359	4.9482	2.6150	30	0.10	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	78.000	2.0000	77.359	4.9482	2.6150	30	0.13	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	78.600	0.20000	77.359	4.9482	2.6150	30	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	79.671	1.5278	77.359	4.9482	2.6150	30	0.47	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	79.940	0.06000	77.359	4.9482	2.6150	30	0.52	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	80.795	1.2900	77.359	4.9482	2.6150	30	0.69	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	80.900	4.1600	77.359	4.9482	2.6150	30	0.72	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	81.087	3.6810	77.359	4.9482	2.6150	30	0.75	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	81.100	0.94000	77.359	4.9482	2.6150	30	0.76	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	81.500	1.0000	77.359	4.9482	2.6150	30	0.84	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	82.000	6.0000	77.359	4.9482	2.6150	30	0.94	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	82.500	1.0000	77.359	4.9482	2.6150	30	1.04	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	83.000	4.0000	77.359	4.9482	2.6150	30	1.14	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	84.905	1.8400	77.359	4.9482	2.6150	30	1.53	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	88.000	2.0000	77.359	4.9482	2.6150	30	2.15	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	69.505	17.630	77.359	4.9482	2.6150	30	-1.59	5%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.00500	0.00000	82.536	5.3753	3.7136	20	-15.35	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	70.535	11.510	82.536	5.3753	3.7136	20	-2.23	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	73.000	12.000	82.536	5.3753	3.7136	20	-1.77	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	76.000	6.0000	82.536	5.3753	3.7136	20	-1.22	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	76.800	0.20000	82.536	5.3753	3.7136	20	-1.07	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	79.950	5.9000	82.536	5.3753	3.7136	20	-0.48	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	80.000	10.000	82.536	5.3753	3.7136	20	-0.47	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	81.000	2.0000	82.536	5.3753	3.7136	20	-0.29	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	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	82.070	0.66000	82.536	5.3753	3.7136	20	-0.09	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	82.800	1.2000	82.536	5.3753	3.7136	20	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	83.572	1.4120	82.536	5.3753	3.7136	20	0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	83.600	4.6000	82.536	5.3753	3.7136	20	0.20	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	84.315	4.1700	82.536	5.3753	3.7136	20	0.33	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	84.550	0.70000	82.536	5.3753	3.7136	20	0.37	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	85.500	1.0000	82.536	5.3753	3.7136	20	0.55	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	86.340	0.14000	82.536	5.3753	3.7136	20	0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	86.645	4.4700	82.536	5.3753	3.7136	20	0.76	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	88.750	7.3000	82.536	5.3753	3.7136	20	1.16	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	90.515	0.95000	82.536	5.3753	3.7136	20	1.48	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	98.570	0.06000	82.536	5.3753	3.7136	20	2.98	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0037	75.000	7.6000	80.235	3.8182	2.9700	19	-1.37	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	76.735	1.9900	80.235	3.8182	2.9700	19	-0.92	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	77.000	8.0000	80.235	3.8182	2.9700	19	-0.85	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	77.000	2.0000	80.235	3.8182	2.9700	19	-0.85	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	77.300	0.00000	80.235	3.8182	2.9700	19	-0.77	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	77.500	1.0000	80.235	3.8182	2.9700	19	-0.72	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	77.500	1.0000	80.235	3.8182	2.9700	19	-0.72	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	78.350	5.1000	80.235	3.8182	2.9700	19	-0.49	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	78.750	0.70000	80.235	3.8182	2.9700	19	-0.39	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2058	79.910	1.3000	80.235	3.8182	2.9700	19	-0.09	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	80.455	3.5500	80.235	3.8182	2.9700	19	0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	81.950	2.1000	80.235	3.8182	2.9700	19	0.45	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	81.975	0.95000	80.235	3.8182	2.9700	19	0.46	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	82.105	1.5700	80.235	3.8182	2.9700	19	0.49	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	82.540	4.3000	80.235	3.8182	2.9700	19	0.60	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	83.250	0.84000	80.235	3.8182	2.9700	19	0.79	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	86.200	2.8000	80.235	3.8182	2.9700	19	1.56	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	87.450	10.900	80.235	3.8182	2.9700	19	1.89	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	94.485	0.73000	80.235	3.8182	2.9700	19	3.73	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	73.000	18.000	80.235	3.8182	2.9700	19	-1.89	5%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	74.350	0.50000			5.2000	2	-0.71	4%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0955	86.650	9.9000			5.2000	2	0.71	4%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	67.780	0.00000			7.0000	2	-0.71	5%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	84.000	14.000			7.0000	2	0.71	5%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	71.650	0.30000	77.585	5.4618	2.0900	3	-1.09	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	78.705	1.9700	77.585	5.4618	2.0900	3	0.21	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	82.400	4.0000	77.585	5.4618	2.0900	3	0.88	3%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	81.500	1.0000			2.0000	2	-0.71	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	82.500	3.0000			2.0000	2	0.71	0%	0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0619	18.450	0.10000			0.10000	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			
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	0668	6.1850	0.17000			0.14000	2	-0.71	0%	0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	0941	6.2950	0.11000			0.14000	2	0.71	0%	0
024.99	Iodine, Miscellaneous (mg / kg (ppm))	0208	6.3900	0.18000			0.18000	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	460.89	0.00000	997.59	114.44	20.234	16	-4.69	27%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	782.50	25.000	997.59	114.44	20.234	16	-1.88	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2067	791.93	15.747	997.59	114.44	20.234	16	-1.80	10%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	815.00	30.000	997.59	114.44	20.234	16	-1.60	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	917.00	24.000	997.59	114.44	20.234	16	-0.70	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	960.36	0.00000	997.59	114.44	20.234	16	-0.33	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0946	975.75	25.100	997.59	114.44	20.234	16	-0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	997.50	5.0000	997.59	114.44	20.234	16	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	1,050.0	80.000	997.59	114.44	20.234	16	0.46	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	1,051.5	9.0000	997.59	114.44	20.234	16	0.47	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	1,060.0	2.0000	997.59	114.44	20.234	16	0.55	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	1,083.9	40.060	997.59	114.44	20.234	16	0.75	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	1,094.5	17.000	997.59	114.44	20.234	16	0.85	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	1,102.0	16.000	997.59	114.44	20.234	16	0.91	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	1,116.9	14.840	997.59	114.44	20.234	16	1.04	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	1,120.0	20.000	997.59	114.44	20.234	16	1.07	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	1,038.7	116.60	997.59	114.44	20.234	16	0.36	2%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	788.70	83.000	990.74	140.52	37.960	5	-1.44	10%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	966.25	65.300	990.74	140.52	37.960	5	-0.17	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0013	975.00	14.000	990.74	140.52	37.960	5	-0.11	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0263	1,048.8	27.500	990.74	140.52	37.960	5	0.41	3%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	1,175.0	0.00000	990.74	140.52	37.960	5	1.31	9%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	2018	398.98	1.8400	813.95	360.36	27.918	4	-1.22	24%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0010	650.00	100.00	813.95	360.36	27.918	4	-0.40	8%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	994.88	5.8300	813.95	360.36	27.918	4	0.73	14%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	1,048.0	4.0000	813.95	360.36	27.918	4	0.90	18%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	209.50	1.0000	901.53	121.00	30.027	33	-5.72	38%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	509.50	73.000	901.53	121.00	30.027	33	-3.24	22%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	551.60	9.0000	901.53	121.00	30.027	33	-2.89	19%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	669.13	5.8100	901.53	121.00	30.027	33	-1.92	13%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	711.50	25.000	901.53	121.00	30.027	33	-1.57	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	734.50	5.0000	901.53	121.00	30.027	33	-1.38	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	744.67	31.095	901.53	121.00	30.027	33	-1.30	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	745.00	88.000	901.53	121.00	30.027	33	-1.29	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	751.90	0.00000	901.53	121.00	30.027	33	-1.24	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	785.00	10.000	901.53	121.00	30.027	33	-0.96	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	803.20	49.600	901.53	121.00	30.027	33	-0.81	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	876.60	6.8000	901.53	121.00	30.027	33	-0.21	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	895.90	3.8670	901.53	121.00	30.027	33	-0.05	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			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	905.35	1.3000	901.53	121.00	30.027	33	0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	907.50	63.000	901.53	121.00	30.027	33	0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	935.00	10.000	901.53	121.00	30.027	33	0.28	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	935.31	7.0900	901.53	121.00	30.027	33	0.28	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	939.00	94.000	901.53	121.00	30.027	33	0.31	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	941.00	40.000	901.53	121.00	30.027	33	0.33	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	943.04	23.700	901.53	121.00	30.027	33	0.34	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	944.00	146.00	901.53	121.00	30.027	33	0.35	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	946.50	61.000	901.53	121.00	30.027	33	0.37	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	949.00	14.000	901.53	121.00	30.027	33	0.39	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	975.09	20.230	901.53	121.00	30.027	33	0.61	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	1,003.8	5.4000	901.53	121.00	30.027	33	0.85	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	1,008.0	12.000	901.53	121.00	30.027	33	0.88	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	1,011.5	21.000	901.53	121.00	30.027	33	0.91	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	1,014.0	14.000	901.53	121.00	30.027	33	0.93	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	1,015.0	10.000	901.53	121.00	30.027	33	0.94	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	1,025.0	10.000	901.53	121.00	30.027	33	1.02	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	1,030.5	5.0000	901.53	121.00	30.027	33	1.07	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	1,036.0	22.000	901.53	121.00	30.027	33	1.11	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	1,093.5	103.00	901.53	121.00	30.027	33	1.59	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	1,217.5	263.00	901.53	121.00	30.027	33	2.61	18%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	380.00	60.000	641.05	189.00	27.408	16	-1.38	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	422.50	13.000	641.05	189.00	27.408	16	-1.16	17%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	441.02	0.17000	641.05	189.00	27.408	16	-1.06	16%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	484.00	16.000	641.05	189.00	27.408	16	-0.83	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	578.95	8.1000	641.05	189.00	27.408	16	-0.33	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	580.00	52.000	641.05	189.00	27.408	16	-0.32	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	605.16	5.1200	641.05	189.00	27.408	16	-0.19	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	612.50	11.000	641.05	189.00	27.408	16	-0.15	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	636.54	2.4800	641.05	189.00	27.408	16	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	645.00	50.000	641.05	189.00	27.408	16	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	653.75	51.300	641.05	189.00	27.408	16	0.07	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	750.00	7.6000	641.05	189.00	27.408	16	0.58	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	796.39	29.957	641.05	189.00	27.408	16	0.82	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	841.00	24.000	641.05	189.00	27.408	16	1.06	16%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	909.70	1.8000	641.05	189.00	27.408	16	1.42	21%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	933.00	106.00	641.05	189.00	27.408	16	1.54	23%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	813.50	157.00	641.05	189.00	27.408	16	0.91	13%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2058	159.69	14.090	792.18	244.00	24.683	19	-2.59	40%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	368.00	10.000	792.18	244.00	24.683	19	-1.74	27%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	389.15	11.700	792.18	244.00	24.683	19	-1.65	25%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	396.00	24.000	792.18	244.00	24.683	19	-1.62	25%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0028	497.50	69.000	792.18	244.00	24.683	19	-1.21	19%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	582.27	13.310	792.18	244.00	24.683	19	-0.86	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	694.70	156.00	792.18	244.00	24.683	19	-0.40	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	745.00	2.0000	792.18	244.00	24.683	19	-0.19	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	782.00	0.00000	792.18	244.00	24.683	19	-0.04	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	855.50	21.000	792.18	244.00	24.683	19	0.26	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	893.00	40.000	792.18	244.00	24.683	19	0.41	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0037	902.00	1.6000	792.18	244.00	24.683	19	0.45	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	951.50	25.000	792.18	244.00	24.683	19	0.65	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	1,007.4	0.70000	792.18	244.00	24.683	19	0.88	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	1,009.0	22.000	792.18	244.00	24.683	19	0.89	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	1,010.0	7.5700	792.18	244.00	24.683	19	0.89	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	1,013.0	34.000	792.18	244.00	24.683	19	0.91	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	1,015.0	10.000	792.18	244.00	24.683	19	0.91	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	1,065.5	7.0000	792.18	244.00	24.683	19	1.12	17%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	634.00	422.00	792.18	244.00	24.683	19	-0.65	10%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	470.00	120.00			60.950	2	-0.71	1%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	493.25	1.9000			60.950	2	0.71	1%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	929.72	0.08000			0.08000	1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	1,027.5	59.000			35.500	2	-0.71	0%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	1,036.0	12.000			35.500	2	0.71	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.23365	0.00290	0.27305	0.01300	0.00472	17	-3.03	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.25860	0.00200	0.27305	0.01300	0.00472	17	-1.11	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.26150	0.00300	0.27305	0.01300	0.00472	17	-0.89	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.26225	0.00450	0.27305	0.01300	0.00472	17	-0.83	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.26450	0.00500	0.27305	0.01300	0.00472	17	-0.66	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.26700	0.00400	0.27305	0.01300	0.00472	17	-0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.27000	0.00000	0.27305	0.01300	0.00472	17	-0.23	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.27000	0.00000	0.27305	0.01300	0.00472	17	-0.23	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.27150	0.00700	0.27305	0.01300	0.00472	17	-0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.27500	0.01000	0.27305	0.01300	0.00472	17	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.27500	0.01000	0.27305	0.01300	0.00472	17	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.27550	0.00100	0.27305	0.01300	0.00472	17	0.19	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.28335	0.00570	0.27305	0.01300	0.00472	17	0.79	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.28350	0.00500	0.27305	0.01300	0.00472	17	0.80	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.28650	0.00700	0.27305	0.01300	0.00472	17	1.03	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.30500	0.01000	0.27305	0.01300	0.00472	17	2.46	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.31930	0.00320	0.27305	0.01300	0.00472	17	3.56	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.30800	0.05120	0.27305	0.01300	0.00472	17	2.69	6%	1
027.32	Magnesium, AAS, Open vessel (%)	0013	0.20500	0.01000	0.26342	0.03319	0.00728	5	-1.76	11%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.27115	0.00230	0.26342	0.03319	0.00728	5	0.23	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.27500	0.01000	0.26342	0.03319	0.00728	5	0.35	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.32	Magnesium, AAS, Open vessel (%)	0035	0.27885	0.00050	0.26342	0.03319	0.00728	5	0.46	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.28710	0.01360	0.26342	0.03319	0.00728	5	0.71	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	22.500	1.0000	0.26342	0.03319	0.00728	5	670.03	4221%	2
027.33	Magnesium, AAS, Microwave (%)	0504	0.25095	0.00170			0.00585	2	-0.71	2%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.27500	0.01000			0.00585	2	0.71	2%	0
027.35	Magnesium, AAS, Open vessel (%)	0554	0.09000	0.00000			0.00000	1			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.24500	0.01000	0.27483	0.01046	0.00548	32	-2.85	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.24900	0.00200	0.27483	0.01046	0.00548	32	-2.47	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.25500	0.01000	0.27483	0.01046	0.00548	32	-1.89	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.26000	0.00000	0.27483	0.01046	0.00548	32	-1.42	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.26300	0.00000	0.27483	0.01046	0.00548	32	-1.13	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.26500	0.01000	0.27483	0.01046	0.00548	32	-0.94	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.26505	0.00090	0.27483	0.01046	0.00548	32	-0.93	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.26650	0.00100	0.27483	0.01046	0.00548	32	-0.80	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.26800	0.01000	0.27483	0.01046	0.00548	32	-0.65	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.27000	0.02000	0.27483	0.01046	0.00548	32	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.27000	0.00000	0.27483	0.01046	0.00548	32	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.27000	0.00000	0.27483	0.01046	0.00548	32	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.27020	0.00160	0.27483	0.01046	0.00548	32	-0.44	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.27500	0.01000	0.27483	0.01046	0.00548	32	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.27500	0.01000	0.27483	0.01046	0.00548	32	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.27500	0.01000	0.27483	0.01046	0.00548	32	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.27610	0.00320	0.27483	0.01046	0.00548	32	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.28000	0.00000	0.27483	0.01046	0.00548	32	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.28000	0.02000	0.27483	0.01046	0.00548	32	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.28000	0.00000	0.27483	0.01046	0.00548	32	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.28000	0.00000	0.27483	0.01046	0.00548	32	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.28000	0.00000	0.27483	0.01046	0.00548	32	0.49	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.28250	0.01300	0.27483	0.01046	0.00548	32	0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.28250	0.00100	0.27483	0.01046	0.00548	32	0.73	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.28255	0.00510	0.27483	0.01046	0.00548	32	0.74	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.28450	0.00700	0.27483	0.01046	0.00548	32	0.92	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.28490	0.00060	0.27483	0.01046	0.00548	32	0.96	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.28500	0.01000	0.27483	0.01046	0.00548	32	0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.28500	0.01000	0.27483	0.01046	0.00548	32	0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.28500	0.01000	0.27483	0.01046	0.00548	32	0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.28550	0.00000	0.27483	0.01046	0.00548	32	1.02	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.29000	0.00000	0.27483	0.01046	0.00548	32	1.45	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.27000	0.04000	0.27483	0.01046	0.00548	32	-0.46	1%	1
027.41	Magnesium, ICP, Dry ash (%)	0511	0.29000	0.04000	0.27483	0.01046	0.00548	32	1.45	3%	1
027.42	Magnesium, ICP, Open vessel (%)	0026	0.25500	0.01000	0.27663	0.01012	0.00641	17	-2.14	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.26500	0.01000	0.27663	0.01012	0.00641	17	-1.15	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0613	0.26500	0.01000	0.27663	0.01012	0.00641	17	-1.15	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.27000	0.00000	0.27663	0.01012	0.00641	17	-0.65	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.27000	0.00000	0.27663	0.01012	0.00641	17	-0.65	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.27235	0.00210	0.27663	0.01012	0.00641	17	-0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.27300	0.01800	0.27663	0.01012	0.00641	17	-0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.27500	0.01000	0.27663	0.01012	0.00641	17	-0.16	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.27600	0.00400	0.27663	0.01012	0.00641	17	-0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.27650	0.00500	0.27663	0.01012	0.00641	17	-0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.27800	0.00860	0.27663	0.01012	0.00641	17	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.28000	0.00000	0.27663	0.01012	0.00641	17	0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.28175	0.00850	0.27663	0.01012	0.00641	17	0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.29000	0.00000	0.27663	0.01012	0.00641	17	1.32	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.30000	0.00000	0.27663	0.01012	0.00641	17	2.31	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.30585	0.02230	0.27663	0.01012	0.00641	17	2.89	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.30590	0.00040	0.27663	0.01012	0.00641	17	2.89	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.28000	0.04000	0.27663	0.01012	0.00641	17	0.33	1%	1
027.43	Magnesium, ICP, Microwave (%)	0038	0.24100	0.00200	0.27757	0.01217	0.00733	19	-3.00	7%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.25500	0.01000	0.27757	0.01217	0.00733	19	-1.85	4%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.26500	0.01000	0.27757	0.01217	0.00733	19	-1.03	2%	0
027.43	Magnesium, ICP, Microwave (%)	2058	0.26500	0.01000	0.27757	0.01217	0.00733	19	-1.03	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.26875	0.01670	0.27757	0.01217	0.00733	19	-0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.27200	0.02000	0.27757	0.01217	0.00733	19	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.27250	0.00000	0.27757	0.01217	0.00733	19	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.27500	0.01000	0.27757	0.01217	0.00733	19	-0.21	0%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.27650	0.00300	0.27757	0.01217	0.00733	19	-0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.27750	0.00100	0.27757	0.01217	0.00733	19	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.27780	0.01060	0.27757	0.01217	0.00733	19	0.02	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.28000	0.00000	0.27757	0.01217	0.00733	19	0.20	0%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.28300	0.00200	0.27757	0.01217	0.00733	19	0.45	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.28500	0.01000	0.27757	0.01217	0.00733	19	0.61	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.28500	0.01000	0.27757	0.01217	0.00733	19	0.61	1%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.28655	0.00190	0.27757	0.01217	0.00733	19	0.74	2%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.29500	0.01000	0.27757	0.01217	0.00733	19	1.43	3%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.29500	0.01000	0.27757	0.01217	0.00733	19	1.43	3%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.29900	0.00200	0.27757	0.01217	0.00733	19	1.76	4%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.25500	0.00400	0.27017	0.01831	0.00433	3	-0.83	3%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.26500	0.00400	0.27017	0.01831	0.00433	3	-0.28	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.29050	0.00500	0.27017	0.01831	0.00433	3	1.11	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.21550	0.00100			0.01685	2	-0.71	6%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.27235	0.03270			0.01685	2	0.71	6%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.27000	0.04000			0.04000	1			0
027.99	Magnesium, Miscellaneous (%)	0889	0.19565	0.00230	0.28500	0.00707	0.00077	3	-1.15	12%	0

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027.99	Magnesium, Miscellaneous (%)	0242	0.28000	0.00000	0.28500	0.00707	0.00077	3	0.48	5%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.29000	0.00000	0.28500	0.00707	0.00077	3	0.67	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	176.20	0.40000	220.29	14.890	6.4143	17	-2.96	10%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2067	187.93	0.43300	220.29	14.890	6.4143	17	-2.17	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	209.00	4.0000	220.29	14.890	6.4143	17	-0.76	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	210.00	10.000	220.29	14.890	6.4143	17	-0.69	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	211.12	4.8801	220.29	14.890	6.4143	17	-0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	211.47	0.00000	220.29	14.890	6.4143	17	-0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	215.79	0.00000	220.29	14.890	6.4143	17	-0.30	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	218.60	0.00000	220.29	14.890	6.4143	17	-0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	220.00	0.00000	220.29	14.890	6.4143	17	-0.02	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	224.00	2.0000	220.29	14.890	6.4143	17	0.25	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	224.00	4.0000	220.29	14.890	6.4143	17	0.25	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	227.00	2.0000	220.29	14.890	6.4143	17	0.45	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	230.50	25.000	220.29	14.890	6.4143	17	0.69	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	231.55	4.2300	220.29	14.890	6.4143	17	0.76	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	235.00	10.000	220.29	14.890	6.4143	17	0.99	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	238.75	16.600	220.29	14.890	6.4143	17	1.24	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	247.55	25.500	220.29	14.890	6.4143	17	1.83	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	183.00	0.00000	213.02	22.107	0.96000	5	-1.36	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	200.80	0.80000	213.02	22.107	0.96000	5	-0.55	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	214.50	3.0000	213.02	22.107	0.96000	5	0.07	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0263	227.47	0.10000	213.02	22.107	0.96000	5	0.65	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	239.35	0.90000	213.02	22.107	0.96000	5	1.19	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0013	241.50	11.000	213.02	22.107	0.96000	5	1.29	7%	1
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	2018	185.27	5.3500	200.60	21.246	3.0300	3	-0.72	4%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	191.68	0.04000	200.60	21.246	3.0300	3	-0.42	2%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	224.85	3.7000	200.60	21.246	3.0300	3	1.14	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	180.50	1.0000	215.02	7.4766	3.8038	31	-4.62	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	185.50	5.0000	215.02	7.4766	3.8038	31	-3.95	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	200.50	3.0000	215.02	7.4766	3.8038	31	-1.94	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	201.00	2.0000	215.02	7.4766	3.8038	31	-1.88	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	202.50	7.0000	215.02	7.4766	3.8038	31	-1.67	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	206.37	0.56000	215.02	7.4766	3.8038	31	-1.16	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	209.82	0.06000	215.02	7.4766	3.8038	31	-0.70	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	210.00	0.00000	215.02	7.4766	3.8038	31	-0.67	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	210.57	0.19000	215.02	7.4766	3.8038	31	-0.60	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	211.10	11.800	215.02	7.4766	3.8038	31	-0.52	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	211.50	5.0000	215.02	7.4766	3.8038	31	-0.47	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	211.63	3.1950	215.02	7.4766	3.8038	31	-0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	212.50	1.0000	215.02	7.4766	3.8038	31	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	214.50	17.000	215.02	7.4766	3.8038	31	-0.07	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	215.17	1.8200	215.02	7.4766	3.8038	31	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	216.40	3.0000	215.02	7.4766	3.8038	31	0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	216.60	0.00000	215.02	7.4766	3.8038	31	0.21	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	216.80	15.800	215.02	7.4766	3.8038	31	0.24	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	217.59	2.6200	215.02	7.4766	3.8038	31	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	217.72	1.8030	215.02	7.4766	3.8038	31	0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	219.00	4.0000	215.02	7.4766	3.8038	31	0.53	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	220.00	4.0000	215.02	7.4766	3.8038	31	0.67	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	220.25	0.50000	215.02	7.4766	3.8038	31	0.70	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	220.50	1.0000	215.02	7.4766	3.8038	31	0.73	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	221.05	1.7000	215.02	7.4766	3.8038	31	0.81	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	221.50	5.0000	215.02	7.4766	3.8038	31	0.87	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	222.00	14.000	215.02	7.4766	3.8038	31	0.93	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	222.30	1.0000	215.02	7.4766	3.8038	31	0.97	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	223.00	2.0000	215.02	7.4766	3.8038	31	1.07	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	226.50	1.0000	215.02	7.4766	3.8038	31	1.54	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	228.67	1.8700	215.02	7.4766	3.8038	31	1.83	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	222.40	29.000	215.02	7.4766	3.8038	31	0.99	2%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	178.60	9.4000	222.52	12.468	5.8255	18	-3.52	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	197.00	0.00000	222.52	12.468	5.8255	18	-2.05	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	212.00	22.000	222.52	12.468	5.8255	18	-0.84	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	214.50	3.0000	222.52	12.468	5.8255	18	-0.64	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	214.70	2.6487	222.52	12.468	5.8255	18	-0.63	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	214.85	6.9000	222.52	12.468	5.8255	18	-0.61	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	215.11	1.5800	222.52	12.468	5.8255	18	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	215.80	4.6000	222.52	12.468	5.8255	18	-0.54	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	224.00	0.00000	222.52	12.468	5.8255	18	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	225.50	11.000	222.52	12.468	5.8255	18	0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	227.32	1.4400	222.52	12.468	5.8255	18	0.39	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	227.90	2.2000	222.52	12.468	5.8255	18	0.43	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	228.50	9.0000	222.52	12.468	5.8255	18	0.48	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	231.97	3.0700	222.52	12.468	5.8255	18	0.76	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	233.00	0.02000	222.52	12.468	5.8255	18	0.84	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	233.50	23.000	222.52	12.468	5.8255	18	0.88	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	238.50	1.0000	222.52	12.468	5.8255	18	1.28	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	240.00	4.0000	222.52	12.468	5.8255	18	1.40	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	190.00	40.000	222.52	12.468	5.8255	18	-2.61	7%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	193.50	3.0000	220.61	13.579	9.8090	20	-2.00	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	200.50	1.0000	220.61	13.579	9.8090	20	-1.48	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	203.00	8.0000	220.61	13.579	9.8090	20	-1.30	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0037	210.40	10.800	220.61	13.579	9.8090	20	-0.75	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	211.00	0.00000	220.61	13.579	9.8090	20	-0.71	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	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	211.50	3.0000	220.61	13.579	9.8090	20	-0.67	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2058	217.60	10.920	220.61	13.579	9.8090	20	-0.22	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	218.50	11.000	220.61	13.579	9.8090	20	-0.16	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	220.00	2.0000	220.61	13.579	9.8090	20	-0.04	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	220.25	6.9000	220.61	13.579	9.8090	20	-0.03	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	220.75	19.700	220.61	13.579	9.8090	20	0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	221.57	14.470	220.61	13.579	9.8090	20	0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	225.10	19.200	220.61	13.579	9.8090	20	0.33	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	225.43	6.9700	220.61	13.579	9.8090	20	0.35	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	227.50	33.000	220.61	13.579	9.8090	20	0.51	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0028	231.50	11.000	220.61	13.579	9.8090	20	0.80	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	233.91	3.3500	220.61	13.579	9.8090	20	0.98	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	234.00	18.000	220.61	13.579	9.8090	20	0.99	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	238.50	13.000	220.61	13.579	9.8090	20	1.32	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	255.48	0.87000	220.61	13.579	9.8090	20	2.57	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	204.00	48.000	220.61	13.579	9.8090	20	-1.22	4%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	158.00	2.0000	196.50	35.032	11.000	3	-1.10	10%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	205.00	6.0000	196.50	35.032	11.000	3	0.24	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	226.50	25.000	196.50	35.032	11.000	3	0.86	8%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	163.40	0.80000			20.400	2	-0.71	7%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	220.00	40.000			20.400	2	0.71	7%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	216.00	8.0000			5.2950	2	-0.71	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	225.38	2.5900			5.2950	2	0.71	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	224.00	0.00000			5.0000	2	-0.71	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	242.00	10.000			5.0000	2	0.71	2%	0
031.00	Phosphorus, Vol (%)	0893	0.93000	0.00000			0.00500	2	-0.71	2%	0
031.00	Phosphorus, Vol (%)	0895	0.99500	0.01000			0.00500	2	0.71	2%	0
031.01	Phosphorus, Photometric (%)	0905	0.70000	0.00000	0.93621	0.02761	0.01314	57	-8.55	13%	0
031.01	Phosphorus, Photometric (%)	0108	0.78000	0.02000	0.93621	0.02761	0.01314	57	-5.66	8%	0
031.01	Phosphorus, Photometric (%)	2086	0.78000	0.00000	0.93621	0.02761	0.01314	57	-5.66	8%	0
031.01	Phosphorus, Photometric (%)	0921	0.82100	0.00000	0.93621	0.02761	0.01314	57	-4.17	6%	0
031.01	Phosphorus, Photometric (%)	0609	0.84500	0.01000	0.93621	0.02761	0.01314	57	-3.30	5%	0
031.01	Phosphorus, Photometric (%)	0939	0.86500	0.01000	0.93621	0.02761	0.01314	57	-2.58	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.87445	0.01190	0.93621	0.02761	0.01314	57	-2.24	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.88500	0.01000	0.93621	0.02761	0.01314	57	-1.85	3%	0
031.01	Phosphorus, Photometric (%)	0035	0.89100	0.00200	0.93621	0.02761	0.01314	57	-1.64	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.89150	0.00300	0.93621	0.02761	0.01314	57	-1.62	2%	0
031.01	Phosphorus, Photometric (%)	0018	0.91450	0.04100	0.93621	0.02761	0.01314	57	-0.79	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.91470	0.00240	0.93621	0.02761	0.01314	57	-0.78	1%	0
031.01	Phosphorus, Photometric (%)	0152	0.91500	0.01000	0.93621	0.02761	0.01314	57	-0.77	1%	0
031.01	Phosphorus, Photometric (%)	2058	0.91500	0.03000	0.93621	0.02761	0.01314	57	-0.77	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.91650	0.00100	0.93621	0.02761	0.01314	57	-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	
031.01	Phosphorus, Photometric (%)	0884	0.92000	0.00000	0.93621	0.02761	0.01314	57	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0263	0.92130	0.00560	0.93621	0.02761	0.01314	57	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.92350	0.02900	0.93621	0.02761	0.01314	57	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.92350	0.00500	0.93621	0.02761	0.01314	57	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.92500	0.01000	0.93621	0.02761	0.01314	57	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.92500	0.01000	0.93621	0.02761	0.01314	57	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	2018	0.92500	0.01000	0.93621	0.02761	0.01314	57	-0.41	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.92550	0.02300	0.93621	0.02761	0.01314	57	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.92950	0.00260	0.93621	0.02761	0.01314	57	-0.24	0%	0
031.01	Phosphorus, Photometric (%)	0937	0.93000	0.00000	0.93621	0.02761	0.01314	57	-0.22	0%	0
031.01	Phosphorus, Photometric (%)	0233	0.93500	0.01000	0.93621	0.02761	0.01314	57	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.93500	0.01000	0.93621	0.02761	0.01314	57	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2067	0.93600	0.00000	0.93621	0.02761	0.01314	57	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	0178	0.93800	0.00200	0.93621	0.02761	0.01314	57	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.93900	0.01600	0.93621	0.02761	0.01314	57	0.10	0%	0
031.01	Phosphorus, Photometric (%)	0596	0.94000	0.04000	0.93621	0.02761	0.01314	57	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0687	0.94000	0.02000	0.93621	0.02761	0.01314	57	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.94325	0.01310	0.93621	0.02761	0.01314	57	0.25	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.94360	0.00000	0.93621	0.02761	0.01314	57	0.27	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.94500	0.01000	0.93621	0.02761	0.01314	57	0.32	0%	0
031.01	Phosphorus, Photometric (%)	2093	0.94500	0.01000	0.93621	0.02761	0.01314	57	0.32	0%	0
031.01	Phosphorus, Photometric (%)	0868	0.94850	0.01300	0.93621	0.02761	0.01314	57	0.45	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.94900	0.00200	0.93621	0.02761	0.01314	57	0.46	1%	0
031.01	Phosphorus, Photometric (%)	0066	0.95000	0.02000	0.93621	0.02761	0.01314	57	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.95000	0.06000	0.93621	0.02761	0.01314	57	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.95000	0.02000	0.93621	0.02761	0.01314	57	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.95000	0.00000	0.93621	0.02761	0.01314	57	0.50	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.95500	0.01000	0.93621	0.02761	0.01314	57	0.68	1%	0
031.01	Phosphorus, Photometric (%)	0511	0.95500	0.01000	0.93621	0.02761	0.01314	57	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.95500	0.01000	0.93621	0.02761	0.01314	57	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2011	0.95500	0.05000	0.93621	0.02761	0.01314	57	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.95630	0.02940	0.93621	0.02761	0.01314	57	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0940	0.96000	0.04000	0.93621	0.02761	0.01314	57	0.86	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.96500	0.01000	0.93621	0.02761	0.01314	57	1.04	2%	0
031.01	Phosphorus, Photometric (%)	2062	0.97050	0.00500	0.93621	0.02761	0.01314	57	1.24	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.97500	0.00200	0.93621	0.02761	0.01314	57	1.40	2%	0
031.01	Phosphorus, Photometric (%)	0900	0.97500	0.01000	0.93621	0.02761	0.01314	57	1.40	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.98500	0.03000	0.93621	0.02761	0.01314	57	1.77	3%	0
031.01	Phosphorus, Photometric (%)	0896	0.98500	0.01000	0.93621	0.02761	0.01314	57	1.77	3%	0
031.01	Phosphorus, Photometric (%)	0934	0.98500	0.01000	0.93621	0.02761	0.01314	57	1.77	3%	0
031.01	Phosphorus, Photometric (%)	0552	1.0050	0.01000	0.93621	0.02761	0.01314	57	2.49	4%	0
031.01	Phosphorus, Photometric (%)	2091	1.0700	0.02000	0.93621	0.02761	0.01314	57	4.85	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0674	0.47500	0.95000	0.93621	0.02761	0.01314	57	-16.70	25%	4
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.93500	0.01000	0.94453	0.01113	0.00750	4	-0.86	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	0.93810	0.01000	0.94453	0.01113	0.00750	4	-0.58	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.94500	0.01000	0.94453	0.01113	0.00750	4	0.04	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.96000	0.00000	0.94453	0.01113	0.00750	4	1.39	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.68750	0.00900	0.87038	0.12297	0.40984	5	-0.45	48%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.92000	0.02000	0.87038	0.12297	0.40984	5	-0.45	48%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.92000	0.02000	0.87038	0.12297	0.40984	5	-0.45	48%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.95400	0.00020	0.87038	0.12297	0.40984	5	-0.45	47%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	91.000	2.0000	0.87038	0.12297	0.40984	5	1.79	191%	0
031.06	Phosphorus, Hach Method (%)	0536	0.91000	0.00000			0.01000	2	-0.71	0%	0
031.06	Phosphorus, Hach Method (%)	0138	0.92500	0.02000			0.01000	2	0.71	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	0.86500	0.01000	0.95057	0.02482	0.01953	36	-3.45	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.89000	0.04000	0.95057	0.02482	0.01953	36	-2.44	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	0.89050	0.03500	0.95057	0.02482	0.01953	36	-2.42	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.90750	0.07900	0.95057	0.02482	0.01953	36	-1.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.92000	0.04000	0.95057	0.02482	0.01953	36	-1.23	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.92000	0.02000	0.95057	0.02482	0.01953	36	-1.23	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.93000	0.02000	0.95057	0.02482	0.01953	36	-0.83	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.93500	0.05000	0.95057	0.02482	0.01953	36	-0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.93500	0.01000	0.95057	0.02482	0.01953	36	-0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.93500	0.03000	0.95057	0.02482	0.01953	36	-0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.93500	0.01000	0.95057	0.02482	0.01953	36	-0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.93900	0.01200	0.95057	0.02482	0.01953	36	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.94000	0.04000	0.95057	0.02482	0.01953	36	-0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.94500	0.01000	0.95057	0.02482	0.01953	36	-0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.94650	0.03500	0.95057	0.02482	0.01953	36	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.94700	0.00800	0.95057	0.02482	0.01953	36	-0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	0.94890	0.00760	0.95057	0.02482	0.01953	36	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.95000	0.00200	0.95057	0.02482	0.01953	36	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.95000	0.00000	0.95057	0.02482	0.01953	36	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.95000	0.02000	0.95057	0.02482	0.01953	36	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.95135	0.00570	0.95057	0.02482	0.01953	36	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.95140	0.00380	0.95057	0.02482	0.01953	36	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.95500	0.05000	0.95057	0.02482	0.01953	36	0.18	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.96000	0.00000	0.95057	0.02482	0.01953	36	0.38	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.96000	0.02000	0.95057	0.02482	0.01953	36	0.38	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.96500	0.01000	0.95057	0.02482	0.01953	36	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	0.96500	0.01000	0.95057	0.02482	0.01953	36	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	0.97000	0.02000	0.95057	0.02482	0.01953	36	0.78	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.97620	0.00500	0.95057	0.02482	0.01953	36	1.03	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.97685	0.01190	0.95057	0.02482	0.01953	36	1.06	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.98000	0.02000	0.95057	0.02482	0.01953	36	1.19	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.0150	0.03000	0.95057	0.02482	0.01953	36	2.60	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.0355	0.00300	0.95057	0.02482	0.01953	36	3.42	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.0500	0.00000	0.95057	0.02482	0.01953	36	4.01	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.0685	0.02500	0.95057	0.02482	0.01953	36	4.75	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.2050	0.01000	0.95057	0.02482	0.01953	36	10.25	13%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.95500	0.09000	0.95057	0.02482	0.01953	36	0.18	0%	1
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.81000	0.02000	0.92412	0.04433	0.03303	22	-2.57	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.86500	0.01000	0.92412	0.04433	0.03303	22	-1.33	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.86650	0.08500	0.92412	0.04433	0.03303	22	-1.30	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.88500	0.03000	0.92412	0.04433	0.03303	22	-0.88	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.89295	0.00150	0.92412	0.04433	0.03303	22	-0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.89350	0.00900	0.92412	0.04433	0.03303	22	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.90300	0.03600	0.92412	0.04433	0.03303	22	-0.48	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.90450	0.00500	0.92412	0.04433	0.03303	22	-0.44	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.90800	0.01320	0.92412	0.04433	0.03303	22	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.91500	0.11000	0.92412	0.04433	0.03303	22	-0.21	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.92000	0.00000	0.92412	0.04433	0.03303	22	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.92500	0.01000	0.92412	0.04433	0.03303	22	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.92500	0.11000	0.92412	0.04433	0.03303	22	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.93500	0.13000	0.92412	0.04433	0.03303	22	0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.95000	0.00000	0.92412	0.04433	0.03303	22	0.58	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.95200	0.04200	0.92412	0.04433	0.03303	22	0.63	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.95500	0.03000	0.92412	0.04433	0.03303	22	0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.96085	0.00490	0.92412	0.04433	0.03303	22	0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.97000	0.00000	0.92412	0.04433	0.03303	22	1.04	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.97350	0.04900	0.92412	0.04433	0.03303	22	1.11	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.98500	0.03000	0.92412	0.04433	0.03303	22	1.37	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.0185	0.00100	0.92412	0.04433	0.03303	22	2.13	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.89650	0.01300	0.94182	0.02945	0.02236	19	-1.54	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.90650	0.00300	0.94182	0.02945	0.02236	19	-1.20	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.91500	0.01000	0.94182	0.02945	0.02236	19	-0.91	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.91570	0.03060	0.94182	0.02945	0.02236	19	-0.89	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.92100	0.00800	0.94182	0.02945	0.02236	19	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.92500	0.03000	0.94182	0.02945	0.02236	19	-0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.93000	0.02000	0.94182	0.02945	0.02236	19	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.93000	0.06000	0.94182	0.02945	0.02236	19	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.93350	0.00000	0.94182	0.02945	0.02236	19	-0.28	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2058	0.93500	0.05000	0.94182	0.02945	0.02236	19	-0.23	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.93810	0.00120	0.94182	0.02945	0.02236	19	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	0.94705	0.00890	0.94182	0.02945	0.02236	19	0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.96200	0.04200	0.94182	0.02945	0.02236	19	0.69	1%	0

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031.43	Phosphorus, ICP, Microwave (%)	0027	0.96750	0.01500	0.94182	0.02945	0.02236	19	0.87	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	0.96865	0.00770	0.94182	0.02945	0.02236	19	0.91	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	0.97000	0.00000	0.94182	0.02945	0.02236	19	0.96	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.97295	0.01950	0.94182	0.02945	0.02236	19	1.06	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.98000	0.02000	0.94182	0.02945	0.02236	19	1.30	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.99700	0.08600	0.94182	0.02945	0.02236	19	1.87	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.85000	0.28000	0.94182	0.02945	0.02236	19	-3.12	5%	1
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.86400	0.01000	0.90533	0.03647	0.01933	3	-1.13	2%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.91900	0.00800	0.90533	0.03647	0.01933	3	0.37	1%	0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.93300	0.04000	0.90533	0.03647	0.01933	3	0.76	2%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.86885	0.03530			0.03530	1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.0200	0.08000			0.06500	2	-0.71	3%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.1650	0.05000			0.06500	2	0.71	3%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.73045	0.00150	0.91842	0.03185	0.01025	6	-5.90	10%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.89000	0.02000	0.91842	0.03185	0.01025	6	-0.89	2%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.91500	0.01000	0.91842	0.03185	0.01025	6	-0.11	0%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.93500	0.01000	0.91842	0.03185	0.01025	6	0.52	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.94500	0.01000	0.91842	0.03185	0.01025	6	0.83	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.94500	0.01000	0.91842	0.03185	0.01025	6	0.83	1%	0
032.02	Potassium, Flame Emission (%)	0590	0.87500	0.01000	0.90325	0.02249	0.02950	4	-1.26	2%	0
032.02	Potassium, Flame Emission (%)	0066	0.90300	0.01800	0.90325	0.02249	0.02950	4	-0.01	0%	0
032.02	Potassium, Flame Emission (%)	0047	0.90500	0.07000	0.90325	0.02249	0.02950	4	0.08	0%	0
032.02	Potassium, Flame Emission (%)	0504	0.93000	0.02000	0.90325	0.02249	0.02950	4	1.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.77500	0.01000	0.92653	0.07405	0.01404	19	-2.05	8%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.82500	0.01000	0.92653	0.07405	0.01404	19	-1.37	5%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.84000	0.04000	0.92653	0.07405	0.01404	19	-1.17	5%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.84750	0.00100	0.92653	0.07405	0.01404	19	-1.07	4%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.88475	0.00330	0.92653	0.07405	0.01404	19	-0.56	2%	0
032.31	Potassium, AAS, Dry ash (%)	2018	0.90000	0.04000	0.92653	0.07405	0.01404	19	-0.36	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.90835	0.02510	0.92653	0.07405	0.01404	19	-0.25	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.91000	0.00000	0.92653	0.07405	0.01404	19	-0.22	1%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.91650	0.00300	0.92653	0.07405	0.01404	19	-0.14	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	0.91900	0.00800	0.92653	0.07405	0.01404	19	-0.10	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.93950	0.00700	0.92653	0.07405	0.01404	19	0.18	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.94150	0.03900	0.92653	0.07405	0.01404	19	0.20	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.94500	0.01000	0.92653	0.07405	0.01404	19	0.25	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.96550	0.01500	0.92653	0.07405	0.01404	19	0.53	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.99110	0.00640	0.92653	0.07405	0.01404	19	0.87	3%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0000	0.04000	0.92653	0.07405	0.01404	19	0.99	4%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.0100	0.00000	0.92653	0.07405	0.01404	19	1.13	5%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.0285	0.00900	0.92653	0.07405	0.01404	19	1.38	6%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.0700	0.00000	0.92653	0.07405	0.01404	19	1.94	8%	0

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032.32	Potassium, AAS, Open vessel (%)	0609	0.89500	0.01000	0.96299	0.05320	4.2253	5	-0.45	50%	0
032.32	Potassium, AAS, Open vessel (%)	0035	0.96460	0.02640	0.96299	0.05320	4.2253	5	-0.45	50%	0
032.32	Potassium, AAS, Open vessel (%)	0263	0.96735	0.00010	0.96299	0.05320	4.2253	5	-0.45	50%	0
032.32	Potassium, AAS, Open vessel (%)	0013	1.0250	0.09000	0.96299	0.05320	4.2253	5	-0.45	50%	0
032.32	Potassium, AAS, Open vessel (%)	0169	815.50	21.000	0.96299	0.05320	4.2253	5	1.79	199%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.82000	0.02000	0.93155	0.04186	0.02262	34	-2.67	6%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.83000	0.00000	0.93155	0.04186	0.02262	34	-2.43	5%	0
032.41	Potassium, ICP, Dry ash (%)	0425	0.85000	0.00000	0.93155	0.04186	0.02262	34	-1.95	4%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.87000	0.02000	0.93155	0.04186	0.02262	34	-1.47	3%	0
032.41	Potassium, ICP, Dry ash (%)	0553	0.89000	0.01400	0.93155	0.04186	0.02262	34	-0.99	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.89450	0.04500	0.93155	0.04186	0.02262	34	-0.89	2%	0
032.41	Potassium, ICP, Dry ash (%)	0682	0.90000	0.00000	0.93155	0.04186	0.02262	34	-0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.90300	0.01000	0.93155	0.04186	0.02262	34	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0610	0.90500	0.01000	0.93155	0.04186	0.02262	34	-0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	0.90645	0.00670	0.93155	0.04186	0.02262	34	-0.60	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.91000	0.04000	0.93155	0.04186	0.02262	34	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0004	0.91500	0.01000	0.93155	0.04186	0.02262	34	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.91500	0.03000	0.93155	0.04186	0.02262	34	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0512	0.91975	0.01990	0.93155	0.04186	0.02262	34	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.92300	0.00200	0.93155	0.04186	0.02262	34	-0.20	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	0.92500	0.03000	0.93155	0.04186	0.02262	34	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.93000	0.04000	0.93155	0.04186	0.02262	34	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.93000	0.00000	0.93155	0.04186	0.02262	34	-0.04	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.93250	0.02300	0.93155	0.04186	0.02262	34	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.93550	0.03300	0.93155	0.04186	0.02262	34	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.94450	0.05500	0.93155	0.04186	0.02262	34	0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.95000	0.08000	0.93155	0.04186	0.02262	34	0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.95580	0.01020	0.93155	0.04186	0.02262	34	0.58	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.96265	0.00730	0.93155	0.04186	0.02262	34	0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.96500	0.01000	0.93155	0.04186	0.02262	34	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.96500	0.05000	0.93155	0.04186	0.02262	34	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.96500	0.03000	0.93155	0.04186	0.02262	34	0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.97000	0.02000	0.93155	0.04186	0.02262	34	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.97000	0.06000	0.93155	0.04186	0.02262	34	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.97000	0.00000	0.93155	0.04186	0.02262	34	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.98000	0.02000	0.93155	0.04186	0.02262	34	1.16	3%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.98455	0.00290	0.93155	0.04186	0.02262	34	1.27	3%	0
032.41	Potassium, ICP, Dry ash (%)	2089	0.98500	0.03000	0.93155	0.04186	0.02262	34	1.28	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0700	0.04000	0.93155	0.04186	0.02262	34	3.31	7%	0
032.41	Potassium, ICP, Dry ash (%)	0720	0.72000	0.10000	0.93155	0.04186	0.02262	34	-5.05	11%	1
032.42	Potassium, ICP, Open vessel (%)	0026	0.86000	0.02000	0.95274	0.04228	0.02547	20	-2.19	5%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.89000	0.08000	0.95274	0.04228	0.02547	20	-1.48	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.42	Potassium, ICP, Open vessel (%)	0294	0.90000	0.02000	0.95274	0.04228	0.02547	20	-1.25	3%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.90900	0.00600	0.95274	0.04228	0.02547	20	-1.03	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.91800	0.01200	0.95274	0.04228	0.02547	20	-0.82	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.92500	0.01000	0.95274	0.04228	0.02547	20	-0.66	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.92550	0.01300	0.95274	0.04228	0.02547	20	-0.64	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.93035	0.03830	0.95274	0.04228	0.02547	20	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.95920	0.05760	0.95274	0.04228	0.02547	20	0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.96000	0.04000	0.95274	0.04228	0.02547	20	0.17	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.96000	0.00000	0.95274	0.04228	0.02547	20	0.17	0%	0
032.42	Potassium, ICP, Open vessel (%)	0202	0.97000	0.00000	0.95274	0.04228	0.02547	20	0.41	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.97250	0.02700	0.95274	0.04228	0.02547	20	0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.97400	0.01800	0.95274	0.04228	0.02547	20	0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.97585	0.04830	0.95274	0.04228	0.02547	20	0.55	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	0.98000	0.04000	0.95274	0.04228	0.02547	20	0.64	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	0.98100	0.01820	0.95274	0.04228	0.02547	20	0.67	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.98605	0.00090	0.95274	0.04228	0.02547	20	0.79	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.0200	0.06000	0.95274	0.04228	0.02547	20	1.59	4%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0700	0.00000	0.95274	0.04228	0.02547	20	2.77	6%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.0650	0.13000	0.95274	0.04228	0.02547	20	2.65	6%	1
032.43	Potassium, ICP, Microwave (%)	2058	0.81000	0.02000	0.92571	0.03591	0.01881	18	-3.22	6%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.84400	0.00200	0.92571	0.03591	0.01881	18	-2.28	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.85210	0.04740	0.92571	0.03591	0.01881	18	-2.05	4%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.86400	0.06800	0.92571	0.03591	0.01881	18	-1.72	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.89500	0.03000	0.92571	0.03591	0.01881	18	-0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.90500	0.01000	0.92571	0.03591	0.01881	18	-0.58	1%	0
032.43	Potassium, ICP, Microwave (%)	0168	0.91900	0.02000	0.92571	0.03591	0.01881	18	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.92250	0.00000	0.92571	0.03591	0.01881	18	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0037	0.93000	0.00000	0.92571	0.03591	0.01881	18	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.93050	0.00500	0.92571	0.03591	0.01881	18	0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0508	0.93680	0.00120	0.92571	0.03591	0.01881	18	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.93950	0.00500	0.92571	0.03591	0.01881	18	0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.94000	0.02000	0.92571	0.03591	0.01881	18	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.94500	0.01000	0.92571	0.03591	0.01881	18	0.54	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	0.94750	0.03500	0.92571	0.03591	0.01881	18	0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.96500	0.03000	0.92571	0.03591	0.01881	18	1.09	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.98500	0.03000	0.92571	0.03591	0.01881	18	1.65	3%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.0295	0.00500	0.92571	0.03591	0.01881	18	2.89	6%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.98500	0.31000	0.92571	0.03591	0.01881	18	1.65	3%	1
032.44	Potassium, ICP, Dry ash (%)	2023	0.85700	0.01200	0.89150	0.03005	0.00967	3	-1.15	2%	0
032.44	Potassium, ICP, Dry ash (%)	0955	0.90550	0.01300	0.89150	0.03005	0.00967	3	0.47	1%	0
032.44	Potassium, ICP, Dry ash (%)	2004	0.91200	0.00400	0.89150	0.03005	0.00967	3	0.68	1%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.94710	0.08160			0.08160	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			
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.0300	0.02000			0.07500	2	-0.71	1%	0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.0550	0.13000			0.07500	2	0.71	1%	0
032.99	Potassium, Miscellaneous (%)	0889	0.77245	0.00470	0.92324	0.10155	0.01343	4	-1.48	8%	0
032.99	Potassium, Miscellaneous (%)	0100	0.95500	0.01000	0.92324	0.10155	0.01343	4	0.31	2%	0
032.99	Potassium, Miscellaneous (%)	0001	0.97550	0.01900	0.92324	0.10155	0.01343	4	0.51	3%	0
032.99	Potassium, Miscellaneous (%)	0242	0.99000	0.02000	0.92324	0.10155	0.01343	4	0.66	4%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.58500	0.01000	0.67301	0.05538	0.01496	31	-1.59	7%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.59000	0.02000	0.67301	0.05538	0.01496	31	-1.50	6%	0
033.00	Salt as chloride, Sol Cl (%)	2093	0.59500	0.01000	0.67301	0.05538	0.01496	31	-1.41	6%	0
033.00	Salt as chloride, Sol Cl (%)	2012	0.62500	0.01000	0.67301	0.05538	0.01496	31	-0.87	4%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.63000	0.02000	0.67301	0.05538	0.01496	31	-0.78	3%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.63000	0.02000	0.67301	0.05538	0.01496	31	-0.78	3%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.63000	0.02000	0.67301	0.05538	0.01496	31	-0.78	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.64000	0.00000	0.67301	0.05538	0.01496	31	-0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.64000	0.06000	0.67301	0.05538	0.01496	31	-0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.64000	0.06000	0.67301	0.05538	0.01496	31	-0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	2091	0.64000	0.00000	0.67301	0.05538	0.01496	31	-0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.64500	0.01000	0.67301	0.05538	0.01496	31	-0.51	2%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.65000	0.02000	0.67301	0.05538	0.01496	31	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	0934	0.65000	0.02000	0.67301	0.05538	0.01496	31	-0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	0896	0.65500	0.01000	0.67301	0.05538	0.01496	31	-0.33	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.66000	0.04000	0.67301	0.05538	0.01496	31	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.67000	0.00000	0.67301	0.05538	0.01496	31	-0.05	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.69590	0.00980	0.67301	0.05538	0.01496	31	0.41	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.69950	0.00100	0.67301	0.05538	0.01496	31	0.48	2%	0
033.00	Salt as chloride, Sol Cl (%)	0683	0.70000	0.00000	0.67301	0.05538	0.01496	31	0.49	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.70000	0.00000	0.67301	0.05538	0.01496	31	0.49	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.70500	0.01000	0.67301	0.05538	0.01496	31	0.58	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.70645	0.02070	0.67301	0.05538	0.01496	31	0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.70795	0.00330	0.67301	0.05538	0.01496	31	0.63	3%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.71500	0.01000	0.67301	0.05538	0.01496	31	0.76	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.72200	0.01400	0.67301	0.05538	0.01496	31	0.88	4%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.74000	0.02000	0.67301	0.05538	0.01496	31	1.21	5%	0
033.00	Salt as chloride, Sol Cl (%)	2086	0.75000	0.02000	0.67301	0.05538	0.01496	31	1.39	6%	0
033.00	Salt as chloride, Sol Cl (%)	2067	0.75550	0.00500	0.67301	0.05538	0.01496	31	1.49	6%	0
033.00	Salt as chloride, Sol Cl (%)	0900	0.76000	0.02000	0.67301	0.05538	0.01496	31	1.57	6%	0
033.00	Salt as chloride, Sol Cl (%)	2058	0.81000	0.00000	0.67301	0.05538	0.01496	31	2.47	10%	0
033.00	Salt as chloride, Sol Cl (%)	0169	73.500	1.0000	0.67301	0.05538	0.01496	31	1315.05	5411%	2
033.01	Salt as chloride, Poten Cl (%)	0937	0.65000	0.00000	0.73547	0.01595	0.00934	36	-5.36	6%	0
033.01	Salt as chloride, Poten Cl (%)	2011	0.66500	0.01000	0.73547	0.01595	0.00934	36	-4.42	5%	0
033.01	Salt as chloride, Poten Cl (%)	2006	0.67800	0.00000	0.73547	0.01595	0.00934	36	-3.60	4%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.70000	0.00000	0.73547	0.01595	0.00934	36	-2.22	2%	0

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033.01	Salt as chloride, Poten Cl (%)	0100	0.71000	0.06000	0.73547	0.01595	0.00934	36	-1.60	2%	0
033.01	Salt as chloride, Poten Cl (%)	0868	0.71000	0.00000	0.73547	0.01595	0.00934	36	-1.60	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.72500	0.01000	0.73547	0.01595	0.00934	36	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.72500	0.01000	0.73547	0.01595	0.00934	36	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.72500	0.03000	0.73547	0.01595	0.00934	36	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.72500	0.01000	0.73547	0.01595	0.00934	36	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.73000	0.00000	0.73547	0.01595	0.00934	36	-0.34	0%	0
033.01	Salt as chloride, Poten Cl (%)	0011	0.73060	0.00680	0.73547	0.01595	0.00934	36	-0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.73100	0.00000	0.73547	0.01595	0.00934	36	-0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.73500	0.01000	0.73547	0.01595	0.00934	36	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.73500	0.01000	0.73547	0.01595	0.00934	36	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.73500	0.01000	0.73547	0.01595	0.00934	36	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.73500	0.01000	0.73547	0.01595	0.00934	36	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.73500	0.01000	0.73547	0.01595	0.00934	36	-0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.73600	0.00400	0.73547	0.01595	0.00934	36	0.03	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.73650	0.00100	0.73547	0.01595	0.00934	36	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0178	0.73700	0.00400	0.73547	0.01595	0.00934	36	0.10	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.74000	0.00000	0.73547	0.01595	0.00934	36	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.74000	0.00000	0.73547	0.01595	0.00934	36	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.74000	0.00000	0.73547	0.01595	0.00934	36	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.74500	0.01000	0.73547	0.01595	0.00934	36	0.60	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.74500	0.01000	0.73547	0.01595	0.00934	36	0.60	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.74500	0.01000	0.73547	0.01595	0.00934	36	0.60	1%	0
033.01	Salt as chloride, Poten Cl (%)	0508	0.74795	0.01430	0.73547	0.01595	0.00934	36	0.78	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.74850	0.01300	0.73547	0.01595	0.00934	36	0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.75000	0.02000	0.73547	0.01595	0.00934	36	0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.75000	0.02000	0.73547	0.01595	0.00934	36	0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.75000	0.02000	0.73547	0.01595	0.00934	36	0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	2023	0.75000	0.00000	0.73547	0.01595	0.00934	36	0.91	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.76500	0.01000	0.73547	0.01595	0.00934	36	1.85	2%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.77500	0.01000	0.73547	0.01595	0.00934	36	2.48	3%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.79165	0.00310	0.73547	0.01595	0.00934	36	3.52	4%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.75000	0.10000	0.73547	0.01595	0.00934	36	0.91	1%	1
033.01	Salt as chloride, Poten Cl (%)	0026	4.0052	0.00480	0.73547	0.01595	0.00934	36	204.96	222%	2
033.03	Salt as chloride, Quantab (%)	0505	0.62000	0.01000	0.65000	0.03000	0.00200	5	-1.00	2%	0
033.03	Salt as chloride, Quantab (%)	0144	0.64000	0.00000	0.65000	0.03000	0.00200	5	-0.33	1%	0
033.03	Salt as chloride, Quantab (%)	0848	0.64000	0.00000	0.65000	0.03000	0.00200	5	-0.33	1%	0
033.03	Salt as chloride, Quantab (%)	0265	0.65000	0.00000	0.65000	0.03000	0.00200	5	0.00	0%	0
033.03	Salt as chloride, Quantab (%)	0190	0.70000	0.00000	0.65000	0.03000	0.00200	5	1.67	4%	0
033.03	Salt as chloride, Quantab (%)	0726	0.70000	0.04000	0.65000	0.03000	0.00200	5	1.67	4%	1
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.41000	0.00000	0.66667	0.23024	0.01333	3	-1.11	19%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.73500	0.01000	0.66667	0.23024	0.01333	3	0.30	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			
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.85500	0.03000	0.66667	0.23024	0.01333	3	0.82	14%	0
033.99	Salt, Miscellaneous (%)	0910	0.69500	0.01000	0.74222	0.04449	0.02911	9	-1.06	3%	0
033.99	Salt, Miscellaneous (%)	0358	0.70500	0.03000	0.74222	0.04449	0.02911	9	-0.84	3%	0
033.99	Salt, Miscellaneous (%)	0613	0.71000	0.04000	0.74222	0.04449	0.02911	9	-0.72	2%	0
033.99	Salt, Miscellaneous (%)	0208	0.72250	0.01500	0.74222	0.04449	0.02911	9	-0.44	1%	0
033.99	Salt, Miscellaneous (%)	0619	0.73400	0.05600	0.74222	0.04449	0.02911	9	-0.18	1%	0
033.99	Salt, Miscellaneous (%)	2073	0.74500	0.01000	0.74222	0.04449	0.02911	9	0.06	0%	0
033.99	Salt, Miscellaneous (%)	0027	0.77150	0.00100	0.74222	0.04449	0.02911	9	0.66	2%	0
033.99	Salt, Miscellaneous (%)	0946	1.1300	0.04000	0.74222	0.04449	0.02911	9	8.72	26%	0
033.99	Salt, Miscellaneous (%)	0681	1.1600	0.06000	0.74222	0.04449	0.02911	9	9.39	28%	0
033.99	Salt, Miscellaneous (%)	0017	0.78500	0.15000	0.74222	0.04449	0.02911	9	0.96	3%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.0650	0.05000			0.05000	2	-0.71	0%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.0850	0.05000			0.05000	2	0.71	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.93000	0.02000	1.0000	0.08317	0.25600	5	-0.45	48%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.96500	0.01000	1.0000	0.08317	0.25600	5	-0.45	48%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.98500	0.01000	1.0000	0.08317	0.25600	5	-0.45	47%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	1.1200	0.24000	1.0000	0.08317	0.25600	5	-0.44	47%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	93.500	1.0000	1.0000	0.08317	0.25600	5	1.79	190%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.75050	0.05100			0.05100	1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	1.2325	0.03710			0.03710	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.95500	0.09000			0.09000	1			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.91500	0.09000	1.0803	0.14058	0.09824	5	-1.18	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	1.0000	0.00000	1.0803	0.14058	0.09824	5	-0.57	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.0350	0.21000	1.0803	0.14058	0.09824	5	-0.32	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2040	0.09000	1.0803	0.14058	0.09824	5	0.88	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.2474	0.10120	1.0803	0.14058	0.09824	5	1.19	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	4.8975	6.6090	1.0803	0.14058	0.09824	5	27.15	177%	1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.91500	0.01000			0.01000	1			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.25350	0.00500	0.26483	0.01266	0.01167	3	-0.90	2%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.26250	0.01300	0.26483	0.01266	0.01167	3	-0.18	0%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.27850	0.01700	0.26483	0.01266	0.01167	3	1.08	3%	0
035.05	Sodium, Flame Emission (%)	0152	0.25000	0.02000	0.26000	0.01000	0.01333	3	-1.00	2%	0
035.05	Sodium, Flame Emission (%)	0108	0.26000	0.02000	0.26000	0.01000	0.01333	3	0.00	0%	0
035.05	Sodium, Flame Emission (%)	0504	0.27000	0.00000	0.26000	0.01000	0.01333	3	1.00	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.23500	0.01000	0.26431	0.01381	0.00556	19	-2.12	6%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.24000	0.00000	0.26431	0.01381	0.00556	19	-1.76	5%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.24500	0.01000	0.26431	0.01381	0.00556	19	-1.40	4%	0
035.31	Sodium, AAS, Dry ash (%)	2018	0.24500	0.01000	0.26431	0.01381	0.00556	19	-1.40	4%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.25700	0.00000	0.26431	0.01381	0.00556	19	-0.53	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.25875	0.00550	0.26431	0.01381	0.00556	19	-0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.25890	0.00000	0.26431	0.01381	0.00556	19	-0.39	1%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.25905	0.00090	0.26431	0.01381	0.00556	19	-0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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035.31	Sodium, AAS, Dry ash (%)	0629	0.26250	0.00500	0.26431	0.01381	0.00556	19	-0.13	0%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.26500	0.01000	0.26431	0.01381	0.00556	19	0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.26540	0.00000	0.26431	0.01381	0.00556	19	0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.26550	0.00300	0.26431	0.01381	0.00556	19	0.09	0%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.27000	0.00000	0.26431	0.01381	0.00556	19	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.27300	0.00800	0.26431	0.01381	0.00556	19	0.63	2%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.27450	0.00100	0.26431	0.01381	0.00556	19	0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.27500	0.00800	0.26431	0.01381	0.00556	19	0.77	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.28920	0.00820	0.26431	0.01381	0.00556	19	1.80	5%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.29500	0.01000	0.26431	0.01381	0.00556	19	2.22	6%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.33600	0.01600	0.26431	0.01381	0.00556	19	5.19	14%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.24500	0.01000	0.27445	0.02837	0.00970	3	-1.04	5%	0
035.32	Sodium, AAS, Open vessel (%)	0035	0.27675	0.00690	0.27445	0.02837	0.00970	3	0.08	0%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.30160	0.01220	0.27445	0.02837	0.00970	3	0.96	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.24000	0.00000	0.26650	0.01515	0.00924	33	-1.75	5%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.24000	0.00000	0.26650	0.01515	0.00924	33	-1.75	5%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.24000	0.00000	0.26650	0.01515	0.00924	33	-1.75	5%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.25000	0.02000	0.26650	0.01515	0.00924	33	-1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.25000	0.00000	0.26650	0.01515	0.00924	33	-1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.25500	0.01000	0.26650	0.01515	0.00924	33	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.25500	0.00800	0.26650	0.01515	0.00924	33	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.25700	0.00400	0.26650	0.01515	0.00924	33	-0.63	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.25960	0.00720	0.26650	0.01515	0.00924	33	-0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.26000	0.00000	0.26650	0.01515	0.00924	33	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.26000	0.00200	0.26650	0.01515	0.00924	33	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.26000	0.02000	0.26650	0.01515	0.00924	33	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.26000	0.00000	0.26650	0.01515	0.00924	33	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.26100	0.00200	0.26650	0.01515	0.00924	33	-0.36	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.26175	0.00250	0.26650	0.01515	0.00924	33	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.26500	0.01000	0.26650	0.01515	0.00924	33	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.26500	0.01000	0.26650	0.01515	0.00924	33	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.26500	0.01000	0.26650	0.01515	0.00924	33	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.26600	0.02000	0.26650	0.01515	0.00924	33	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.27000	0.00000	0.26650	0.01515	0.00924	33	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.27000	0.02000	0.26650	0.01515	0.00924	33	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.27000	0.00000	0.26650	0.01515	0.00924	33	0.23	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.27300	0.01600	0.26650	0.01515	0.00924	33	0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.27465	0.00090	0.26650	0.01515	0.00924	33	0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.27675	0.01070	0.26650	0.01515	0.00924	33	0.68	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.28000	0.02000	0.26650	0.01515	0.00924	33	0.89	3%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.28000	0.02000	0.26650	0.01515	0.00924	33	0.89	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.28600	0.00200	0.26650	0.01515	0.00924	33	1.29	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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035.41	Sodium, ICP, Dry ash (%)	0619	0.28800	0.01400	0.26650	0.01515	0.00924	33	1.42	4%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.29000	0.02000	0.26650	0.01515	0.00924	33	1.55	4%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.29300	0.02200	0.26650	0.01515	0.00924	33	1.75	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.30125	0.03170	0.26650	0.01515	0.00924	33	2.29	7%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.32100	0.00200	0.26650	0.01515	0.00924	33	3.60	10%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.23000	0.04000	0.26161	0.01854	0.01348	17	-1.70	6%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.23500	0.01000	0.26161	0.01854	0.01348	17	-1.44	5%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.24500	0.01000	0.26161	0.01854	0.01348	17	-0.90	3%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.24700	0.00040	0.26161	0.01854	0.01348	17	-0.79	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.25100	0.00800	0.26161	0.01854	0.01348	17	-0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.25150	0.02300	0.26161	0.01854	0.01348	17	-0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.25500	0.05000	0.26161	0.01854	0.01348	17	-0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.26000	0.00800	0.26161	0.01854	0.01348	17	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.26400	0.00400	0.26161	0.01854	0.01348	17	0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.26400	0.01580	0.26161	0.01854	0.01348	17	0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.26500	0.03000	0.26161	0.01854	0.01348	17	0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.26550	0.00300	0.26161	0.01854	0.01348	17	0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.27310	0.01680	0.26161	0.01854	0.01348	17	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.27500	0.01000	0.26161	0.01854	0.01348	17	0.72	3%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.28000	0.00000	0.26161	0.01854	0.01348	17	0.99	4%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.29000	0.00000	0.26161	0.01854	0.01348	17	1.53	5%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.29790	0.00020	0.26161	0.01854	0.01348	17	1.96	7%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.00000	0.00000	0.26161	0.01854	0.01348	17	-14.11	50%	4
035.43	Sodium, ICP, Microwave (%)	0510	0.22150	0.00100	0.25881	0.01291	0.01111	13	-2.89	7%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.24100	0.02200	0.25881	0.01291	0.01111	13	-1.38	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.25000	0.02000	0.25881	0.01291	0.01111	13	-0.68	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.25150	0.00100	0.25881	0.01291	0.01111	13	-0.57	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.25150	0.03220	0.25881	0.01291	0.01111	13	-0.57	1%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.25745	0.00770	0.25881	0.01291	0.01111	13	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.26000	0.02000	0.25881	0.01291	0.01111	13	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.26000	0.00600	0.25881	0.01291	0.01111	13	0.09	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.26500	0.01000	0.25881	0.01291	0.01111	13	0.48	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.26700	0.01200	0.25881	0.01291	0.01111	13	0.63	2%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.27235	0.00250	0.25881	0.01291	0.01111	13	1.05	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.27250	0.00000	0.25881	0.01291	0.01111	13	1.06	3%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.27500	0.01000	0.25881	0.01291	0.01111	13	1.25	3%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.26405	0.02530			1.0127	2	-0.71	49%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0169	21.000	2.0000			1.0127	2	0.71	49%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.26000	0.00000			0.01500	2	-0.71	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.26500	0.03000			0.01500	2	0.71	0%	0
035.99	Sodium, Miscellaneous (%)	0940	0.22000	0.00000	0.24667	0.02517	0.00912	5	-0.62	23%	0
035.99	Sodium, Miscellaneous (%)	0242	0.25000	0.00000	0.24667	0.02517	0.00912	5	-0.52	19%	0

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035.99	Sodium, Miscellaneous (%)	0100	0.27000	0.00000	0.24667	0.02517	0.00912	5	-0.46	17%	0
035.99	Sodium, Miscellaneous (%)	2105	0.36000	0.04000	0.24667	0.02517	0.00912	5	-0.16	6%	0
035.99	Sodium, Miscellaneous (%)	0889	0.94200	0.00560	0.24667	0.02517	0.00912	5	1.76	65%	0
036.00	Sulfur, Gravimetric (%)	0004	0.31000	0.02000			0.02000	1			0
036.04	Sulfur, LECO (%)	0168	0.32865	0.00550	0.34466	0.01951	0.00630	5	-1.00	2%	0
036.04	Sulfur, LECO (%)	0001	0.33000	0.00600	0.34466	0.01951	0.00630	5	-0.92	2%	0
036.04	Sulfur, LECO (%)	0098	0.35000	0.00000	0.34466	0.01951	0.00630	5	0.25	1%	0
036.04	Sulfur, LECO (%)	0226	0.35000	0.02000	0.34466	0.01951	0.00630	5	0.25	1%	0
036.04	Sulfur, LECO (%)	0229	0.37000	0.00000	0.34466	0.01951	0.00630	5	1.42	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.23500	0.01000	0.33308	0.02852	0.01271	21	-3.44	15%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.27500	0.01000	0.33308	0.02852	0.01271	21	-2.04	9%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.30500	0.05000	0.33308	0.02852	0.01271	21	-0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.31050	0.01500	0.33308	0.02852	0.01271	21	-0.79	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.31500	0.03000	0.33308	0.02852	0.01271	21	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.32000	0.02000	0.33308	0.02852	0.01271	21	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.32000	0.00000	0.33308	0.02852	0.01271	21	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.32100	0.00200	0.33308	0.02852	0.01271	21	-0.42	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.32500	0.01000	0.33308	0.02852	0.01271	21	-0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.32550	0.01700	0.33308	0.02852	0.01271	21	-0.27	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.32880	0.00740	0.33308	0.02852	0.01271	21	-0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.33000	0.04000	0.33308	0.02852	0.01271	21	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.33000	0.00000	0.33308	0.02852	0.01271	21	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.34005	0.00070	0.33308	0.02852	0.01271	21	0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.35185	0.02390	0.33308	0.02852	0.01271	21	0.66	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.36000	0.00000	0.33308	0.02852	0.01271	21	0.94	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.36070	0.00140	0.33308	0.02852	0.01271	21	0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.36215	0.00610	0.33308	0.02852	0.01271	21	1.02	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.37500	0.01000	0.33308	0.02852	0.01271	21	1.47	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.40635	0.00350	0.33308	0.02852	0.01271	21	2.57	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.43500	0.01000	0.33308	0.02852	0.01271	21	3.57	15%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.30350	0.02700	0.34529	0.01397	0.01478	10	-2.99	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.32500	0.01000	0.34529	0.01397	0.01478	10	-1.45	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.33650	0.00900	0.34529	0.01397	0.01478	10	-0.63	1%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.34425	0.01070	0.34529	0.01397	0.01478	10	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.34500	0.03000	0.34529	0.01397	0.01478	10	-0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.34500	0.00000	0.34529	0.01397	0.01478	10	-0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.35250	0.00700	0.34529	0.01397	0.01478	10	0.52	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.35255	0.01410	0.34529	0.01397	0.01478	10	0.52	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.36000	0.00000	0.34529	0.01397	0.01478	10	1.05	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.37000	0.04000	0.34529	0.01397	0.01478	10	1.77	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	33.500	1.0000	0.34529	0.01397	0.01478	10	2372.96	4801%	2
036.99	Sulfur, Miscellaneous (%)	0889	0.31120	0.00280			0.00140	2	-0.71	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			
036.99	Sulfur, Miscellaneous (%)	0242	0.34000	0.00000			0.00140	2	0.71	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	23.800	0.00000	236.36	9.8467	5.1749	19	-21.59	45%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	212.00	10.000	236.36	9.8467	5.1749	19	-2.47	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2067	213.34	2.5560	236.36	9.8467	5.1749	19	-2.34	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	226.74	1.3367	236.36	9.8467	5.1749	19	-0.98	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	228.21	0.17000	236.36	9.8467	5.1749	19	-0.83	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	230.00	10.000	236.36	9.8467	5.1749	19	-0.65	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	232.00	4.0000	236.36	9.8467	5.1749	19	-0.44	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	233.34	3.1210	236.36	9.8467	5.1749	19	-0.31	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	237.83	0.00000	236.36	9.8467	5.1749	19	0.15	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	238.90	0.40000	236.36	9.8467	5.1749	19	0.26	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	239.00	8.0000	236.36	9.8467	5.1749	19	0.27	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	239.00	6.0000	236.36	9.8467	5.1749	19	0.27	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	240.15	7.9900	236.36	9.8467	5.1749	19	0.38	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	240.50	1.0000	236.36	9.8467	5.1749	19	0.42	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	243.00	10.000	236.36	9.8467	5.1749	19	0.67	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	243.45	15.500	236.36	9.8467	5.1749	19	0.72	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	245.70	0.80000	236.36	9.8467	5.1749	19	0.95	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	250.53	17.450	236.36	9.8467	5.1749	19	1.44	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	260.00	0.00000	236.36	9.8467	5.1749	19	2.40	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	127.64	255.27	236.36	9.8467	5.1749	19	-11.04	23%	4
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	175.00	0.00000	246.59	16.672	6.9500	6	-4.29	15%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0013	237.00	16.000	246.59	16.672	6.9500	6	-0.58	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0263	244.76	3.2000	246.59	16.672	6.9500	6	-0.11	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	248.50	6.8000	246.59	16.672	6.9500	6	0.11	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	256.00	8.0000	246.59	16.672	6.9500	6	0.56	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	273.85	7.7000	246.59	16.672	6.9500	6	1.64	6%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	232.18	2.2800	236.09	4.5594	10.178	4	-0.55	8%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	235.00	10.000	236.09	4.5594	10.178	4	-0.51	7%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	241.10	11.800	236.09	4.5594	10.178	4	-0.43	6%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	2018	388.82	16.630	236.09	4.5594	10.178	4	1.50	21%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	161.00	2.0000	234.07	11.113	5.6155	30	-6.58	16%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	169.00	2.0000	234.07	11.113	5.6155	30	-5.86	14%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	202.70	2.6000	234.07	11.113	5.6155	30	-2.82	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	211.00	2.0000	234.07	11.113	5.6155	30	-2.08	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	222.00	10.000	234.07	11.113	5.6155	30	-1.09	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	226.48	0.16000	234.07	11.113	5.6155	30	-0.68	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	227.45	4.1000	234.07	11.113	5.6155	30	-0.60	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	227.50	3.0000	234.07	11.113	5.6155	30	-0.59	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	227.55	20.500	234.07	11.113	5.6155	30	-0.59	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	227.92	7.5300	234.07	11.113	5.6155	30	-0.55	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	229.88	0.00000	234.07	11.113	5.6155	30	-0.38	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			
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	230.50	7.0000	234.07	11.113	5.6155	30	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	231.50	1.0000	234.07	11.113	5.6155	30	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	234.50	5.0000	234.07	11.113	5.6155	30	0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	234.85	2.1000	234.07	11.113	5.6155	30	0.07	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	236.31	1.6300	234.07	11.113	5.6155	30	0.20	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	236.60	1.0000	234.07	11.113	5.6155	30	0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	236.89	5.2690	234.07	11.113	5.6155	30	0.25	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	237.32	1.5300	234.07	11.113	5.6155	30	0.29	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	238.00	4.0000	234.07	11.113	5.6155	30	0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	238.50	5.0000	234.07	11.113	5.6155	30	0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	238.50	13.000	234.07	11.113	5.6155	30	0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	238.74	2.8400	234.07	11.113	5.6155	30	0.42	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	240.00	20.000	234.07	11.113	5.6155	30	0.53	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	243.78	4.9500	234.07	11.113	5.6155	30	0.87	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	246.50	1.4000	234.07	11.113	5.6155	30	1.12	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	247.88	13.155	234.07	11.113	5.6155	30	1.24	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	249.00	2.0000	234.07	11.113	5.6155	30	1.34	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	252.75	6.7000	234.07	11.113	5.6155	30	1.68	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	255.50	17.000	234.07	11.113	5.6155	30	1.93	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	267.50	35.000	234.07	11.113	5.6155	30	3.01	7%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	0.02200	0.00200	234.69	24.264	10.081	20	-9.67	50%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	135.75	1.3000	234.69	24.264	10.081	20	-4.08	21%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	203.85	2.3000	234.69	24.264	10.081	20	-1.27	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	205.05	12.700	234.69	24.264	10.081	20	-1.22	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	220.00	20.000	234.69	24.264	10.081	20	-0.61	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	221.50	17.000	234.69	24.264	10.081	20	-0.54	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	223.50	21.000	234.69	24.264	10.081	20	-0.46	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	224.48	1.3600	234.69	24.264	10.081	20	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	232.00	14.000	234.69	24.264	10.081	20	-0.11	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	233.00	32.000	234.69	24.264	10.081	20	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	239.82	16.426	234.69	24.264	10.081	20	0.21	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	241.90	9.0000	234.69	24.264	10.081	20	0.30	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	244.00	12.000	234.69	24.264	10.081	20	0.38	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	246.50	3.0000	234.69	24.264	10.081	20	0.49	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	251.01	1.1900	234.69	24.264	10.081	20	0.67	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	252.50	1.2000	234.69	24.264	10.081	20	0.73	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	255.83	7.1500	234.69	24.264	10.081	20	0.87	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	263.50	25.000	234.69	24.264	10.081	20	1.19	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	264.97	4.0000	234.69	24.264	10.081	20	1.25	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	266.50	1.0000	234.69	24.264	10.081	20	1.31	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	206.00	18.000	237.87	17.439	5.6491	22	-1.83	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	211.50	1.0000	237.87	17.439	5.6491	22	-1.51	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	213.00	10.000	237.87	17.439	5.6491	22	-1.43	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	220.50	1.0000	237.87	17.439	5.6491	22	-1.00	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	228.00	0.00000	237.87	17.439	5.6491	22	-0.57	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	231.00	0.00000	237.87	17.439	5.6491	22	-0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	231.88	8.4100	237.87	17.439	5.6491	22	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	233.00	10.000	237.87	17.439	5.6491	22	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2058	233.63	5.9000	237.87	17.439	5.6491	22	-0.24	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	234.50	1.0000	237.87	17.439	5.6491	22	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	234.67	8.3500	237.87	17.439	5.6491	22	-0.18	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	235.57	2.1100	237.87	17.439	5.6491	22	-0.13	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	240.40	7.4000	237.87	17.439	5.6491	22	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	240.50	3.0000	237.87	17.439	5.6491	22	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0037	240.55	0.90000	237.87	17.439	5.6491	22	0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	249.00	10.000	237.87	17.439	5.6491	22	0.64	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	251.50	5.6000	237.87	17.439	5.6491	22	0.78	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	258.00	8.0000	237.87	17.439	5.6491	22	1.15	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	258.50	3.0000	237.87	17.439	5.6491	22	1.18	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	272.00	6.0000	237.87	17.439	5.6491	22	1.96	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	278.10	10.400	237.87	17.439	5.6491	22	2.31	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	286.08	4.2100	237.87	17.439	5.6491	22	2.76	10%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	228.00	4.0000			4.5000	2	-0.71	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	231.50	5.0000			4.5000	2	0.71	0%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	184.30	3.4000			6.7000	2	-0.71	5%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	225.00	10.000			6.7000	2	0.71	5%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	229.71	13.760			16.380	2	-0.71	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	243.50	19.000			16.380	2	0.71	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	219.50	3.0000	238.50	20.075	3.6667	3	-0.95	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	236.50	1.0000	238.50	20.075	3.6667	3	-0.10	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	259.50	7.0000	238.50	20.075	3.6667	3	1.05	4%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.4000	0.00000			0.00400	2	-0.71	2%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	1.5060	0.00800			0.00400	2	0.71	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.1633	0.30270	1.3044	0.12478	0.15423	3	-1.13	5%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	1.3500	0.10000	1.3044	0.12478	0.15423	3	0.37	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.4000	0.06000	1.3044	0.12478	0.15423	3	0.77	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.69500	0.15000	1.2790	0.36125	0.08600	5	-1.62	23%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.1900	0.06000	1.2790	0.36125	0.08600	5	-0.25	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.4000	0.20000	1.2790	0.36125	0.08600	5	0.33	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.5000	0.00000	1.2790	0.36125	0.08600	5	0.61	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.6100	0.02000	1.2790	0.36125	0.08600	5	0.92	13%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.6000	0.20000			0.20000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2485	0.11900	1.4835	0.20660	0.11708	4	-1.14	8%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	1.4250	0.05000	1.4835	0.20660	0.11708	4	-0.28	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			
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.5155	0.01730	1.4835	0.20660	0.11708	4	0.15	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	1.7450	0.28200	1.4835	0.20660	0.11708	4	1.27	9%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	8.6600	0.02000			0.02000	1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	8.8395	0.05300			0.05300	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	8.9000	0.60000			0.60000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	8.5725	0.23570			0.23570	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.5000	0.40000			0.40000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0168	1.2725	0.54500			0.37750	2	-0.71	5%	0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.5450	0.21000			0.37750	2	0.71	5%	0
042.00	Chloride, Titrimetric (%)	2012	0.38000	0.00000			0.00500	2	-0.71	2%	0
042.00	Chloride, Titrimetric (%)	0297	0.40500	0.01000			0.00500	2	0.71	2%	0
042.99	Chloride, Miscellaneous (%)	0613	0.43000	0.02000			0.02000	1			0
045.00	Amprolium, Color (mg / kg (ppm))	0043	0.00855	0.00010	101.87	5.0800	2.2167	6	-20.05	50%	0
045.00	Amprolium, Color (mg / kg (ppm))	0036	99.200	4.6000	101.87	5.0800	2.2167	6	-0.52	1%	0
045.00	Amprolium, Color (mg / kg (ppm))	0511	101.50	3.0000	101.87	5.0800	2.2167	6	-0.07	0%	0
045.00	Amprolium, Color (mg / kg (ppm))	0019	102.00	0.40000	101.87	5.0800	2.2167	6	0.03	0%	0
045.00	Amprolium, Color (mg / kg (ppm))	0009	105.00	2.0000	101.87	5.0800	2.2167	6	0.62	2%	0
045.00	Amprolium, Color (mg / kg (ppm))	0171	112.95	3.3000	101.87	5.0800	2.2167	6	2.18	5%	0
045.02	Amprolium, LC (mg / kg (ppm))	0038	92.800	1.4000	105.95	10.406	3.5000	10	-1.26	6%	0
045.02	Amprolium, LC (mg / kg (ppm))	0014	96.250	4.7000	105.95	10.406	3.5000	10	-0.93	5%	0
045.02	Amprolium, LC (mg / kg (ppm))	0964	98.500	1.0000	105.95	10.406	3.5000	10	-0.72	4%	0
045.02	Amprolium, LC (mg / kg (ppm))	0218	101.83	0.18000	105.95	10.406	3.5000	10	-0.40	2%	0
045.02	Amprolium, LC (mg / kg (ppm))	2053	103.00	4.0000	105.95	10.406	3.5000	10	-0.28	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0033	107.00	0.00000	105.95	10.406	3.5000	10	0.10	0%	0
045.02	Amprolium, LC (mg / kg (ppm))	0027	109.00	14.000	105.95	10.406	3.5000	10	0.29	1%	0
045.02	Amprolium, LC (mg / kg (ppm))	0001	114.54	1.1200	105.95	10.406	3.5000	10	0.83	4%	0
045.02	Amprolium, LC (mg / kg (ppm))	0004	115.00	8.0000	105.95	10.406	3.5000	10	0.87	4%	0
045.02	Amprolium, LC (mg / kg (ppm))	0047	125.40	0.60000	105.95	10.406	3.5000	10	1.87	9%	0
045.99	Amprolium, Miscellaneous (mg / kg (ppm))	0668	106.68	5.0000			5.0000	1			0
048.00	Bacitracin, Plate (mg / kg (ppm))	0027	108.50	2.6000			2.6000	1			0
048.01	Bacitracin, Plate MeOH Ext (mg / kg (ppm))	0964	98.352	4.7264	114.27	15.402	3.6755	3	-1.03	7%	0
048.01	Bacitracin, Plate MeOH Ext (mg / kg (ppm))	0043	115.35	1.3000	114.27	15.402	3.6755	3	0.07	0%	0
048.01	Bacitracin, Plate MeOH Ext (mg / kg (ppm))	0036	129.10	5.0000	114.27	15.402	3.6755	3	0.96	6%	0
048.04	Bacitracin, LC (mg / kg (ppm))	0875	48.900	0.60000			2.8000	2	-0.71	30%	0
048.04	Bacitracin, LC (mg / kg (ppm))	0619	199.50	5.0000			2.8000	2	0.71	30%	0
099.01	Menadione (form), LC (mg / kg (ppm))	0619	5.6500	0.00000			0.00000	1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	2004	2,050.0	200.00			200.00	1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	2053	2,571.5	13.000			96.500	2	-0.71	7%	0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	3,370.0	180.00			96.500	2	0.71	7%	0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0563	1.1820	0.07330			65.037	2	-0.71	50%	0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0208	3,525.0	130.00			65.037	2	0.71	50%	0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	168.50	9.0000			8.5000	2	-0.71	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			
102.01	Niacin, Microbiological (mg / kg (ppm))	0208	175.00	8.0000			8.5000	2	0.71	1%	0
102.02	Niacin, LC (mg / kg (ppm))	2022	244.00	2.0000			2.0000	1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	33.500	0.80000			1.4000	2	-0.71	3%	0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0208	37.200	2.0000			1.4000	2	0.71	3%	0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	24.300	0.00000			0.00000	1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	16.750	0.90000			0.95000	2	-0.71	1%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	17.100	1.0000			0.95000	2	0.71	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	14.500	1.0000	15.231	0.63323	0.66908	4	-0.67	8%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0563	15.594	0.97630	15.231	0.63323	0.66908	4	-0.41	5%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	15.600	0.40000	15.231	0.63323	0.66908	4	-0.41	5%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	23.450	0.30000	15.231	0.63323	0.66908	4	1.49	18%	0
105.00	Thiamine, LC (mg / kg (ppm))	0208	13.913	0.62900	17.711	3.1891	0.64580	5	-1.19	11%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	16.400	0.20000	17.711	3.1891	0.64580	5	-0.41	4%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	16.740	0.00000	17.711	3.1891	0.64580	5	-0.30	3%	0
105.00	Thiamine, LC (mg / kg (ppm))	2022	19.150	1.3000	17.711	3.1891	0.64580	5	0.45	4%	0
105.00	Thiamine, LC (mg / kg (ppm))	2053	22.350	1.1000	17.711	3.1891	0.64580	5	1.45	13%	0
106.00	Vitamin A, Color (KU / kg)	0019	19.942	0.06300	28.529	9.2633	1.1300	3	-0.93	15%	0
106.00	Vitamin A, Color (KU / kg)	0171	27.300	2.2000	28.529	9.2633	1.1300	3	-0.13	2%	0
106.00	Vitamin A, Color (KU / kg)	0027	38.346	1.1270	28.529	9.2633	1.1300	3	1.06	17%	0
106.01	Vitamin A, UV (KU / kg)	0098	42.700	11.400			11.400	1			0
106.02	Vitamin A, LC (KU / kg)	0905	6.1995	0.05700	31.440	6.1278	2.2108	21	-4.12	40%	0
106.02	Vitamin A, LC (KU / kg)	0555	17.300	2.0000	31.440	6.1278	2.2108	21	-2.31	22%	0
106.02	Vitamin A, LC (KU / kg)	0619	18.300	0.00000	31.440	6.1278	2.2108	21	-2.14	21%	0
106.02	Vitamin A, LC (KU / kg)	0941	22.000	0.44000	31.440	6.1278	2.2108	21	-1.54	15%	0
106.02	Vitamin A, LC (KU / kg)	0675	22.470	1.0400	31.440	6.1278	2.2108	21	-1.46	14%	0
106.02	Vitamin A, LC (KU / kg)	0003	27.750	0.90000	31.440	6.1278	2.2108	21	-0.60	6%	0
106.02	Vitamin A, LC (KU / kg)	2053	29.200	3.8000	31.440	6.1278	2.2108	21	-0.37	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	29.250	4.1000	31.440	6.1278	2.2108	21	-0.36	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	30.844	1.4911	31.440	6.1278	2.2108	21	-0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	0227	31.150	2.9000	31.440	6.1278	2.2108	21	-0.05	0%	0
106.02	Vitamin A, LC (KU / kg)	0148	32.075	1.8900	31.440	6.1278	2.2108	21	0.10	1%	0
106.02	Vitamin A, LC (KU / kg)	2058	33.020	1.5400	31.440	6.1278	2.2108	21	0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0208	34.171	9.2600	31.440	6.1278	2.2108	21	0.45	4%	0
106.02	Vitamin A, LC (KU / kg)	2023	34.500	5.0000	31.440	6.1278	2.2108	21	0.50	5%	0
106.02	Vitamin A, LC (KU / kg)	2004	34.650	1.3000	31.440	6.1278	2.2108	21	0.52	5%	0
106.02	Vitamin A, LC (KU / kg)	0004	35.525	2.6900	31.440	6.1278	2.2108	21	0.67	6%	0
106.02	Vitamin A, LC (KU / kg)	0610	35.800	0.20000	31.440	6.1278	2.2108	21	0.71	7%	0
106.02	Vitamin A, LC (KU / kg)	2103	36.125	1.6700	31.440	6.1278	2.2108	21	0.76	7%	0
106.02	Vitamin A, LC (KU / kg)	0676	37.372	0.14800	31.440	6.1278	2.2108	21	0.97	9%	0
106.02	Vitamin A, LC (KU / kg)	0033	39.500	3.0000	31.440	6.1278	2.2108	21	1.32	13%	0
106.02	Vitamin A, LC (KU / kg)	0169	44.500	3.0000	31.440	6.1278	2.2108	21	2.13	21%	0
106.02	Vitamin A, LC (KU / kg)	0861	39.650	11.900	31.440	6.1278	2.2108	21	1.34	13%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0208	140.50	21.000			15.000	2	-0.71	9%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	198.50	9.0000			15.000	2	0.71	9%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	4.8000	0.20000			0.20000	1			0
108.02	Vitamin D3, LC (KU / kg)	2058	3.5450	0.09000	4.9648	1.0923	0.28371	7	-1.30	14%	0
108.02	Vitamin D3, LC (KU / kg)	0610	4.3200	0.52000	4.9648	1.0923	0.28371	7	-0.59	6%	0
108.02	Vitamin D3, LC (KU / kg)	0675	4.6400	0.08000	4.9648	1.0923	0.28371	7	-0.30	3%	0
108.02	Vitamin D3, LC (KU / kg)	0676	4.6550	0.59600	4.9648	1.0923	0.28371	7	-0.28	3%	0
108.02	Vitamin D3, LC (KU / kg)	2023	5.4500	0.10000	4.9648	1.0923	0.28371	7	0.44	5%	0
108.02	Vitamin D3, LC (KU / kg)	0227	5.7200	0.22000	4.9648	1.0923	0.28371	7	0.69	8%	0
108.02	Vitamin D3, LC (KU / kg)	0208	8.8500	0.38000	4.9648	1.0923	0.28371	7	3.56	39%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	5.8100	0.10000			0.10000	1			0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	23.500	1.0000	83.456	19.769	6.2098	22	-3.03	36%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0619	40.000	0.00000	83.456	19.769	6.2098	22	-2.20	26%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	54.000	0.00000	83.456	19.769	6.2098	22	-1.49	18%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2058	61.075	0.31000	83.456	19.769	6.2098	22	-1.13	13%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0590	62.320	0.00000	83.456	19.769	6.2098	22	-1.07	13%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	69.879	1.8220	83.456	19.769	6.2098	22	-0.69	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0169	76.000	2.0000	83.456	19.769	6.2098	22	-0.38	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	80.500	21.000	83.456	19.769	6.2098	22	-0.15	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2103	80.950	1.5000	83.456	19.769	6.2098	22	-0.13	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	81.585	0.79000	83.456	19.769	6.2098	22	-0.09	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	82.600	2.2000	83.456	19.769	6.2098	22	-0.04	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0148	84.060	0.28000	83.456	19.769	6.2098	22	0.03	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	85.930	2.3200	83.456	19.769	6.2098	22	0.13	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	86.072	1.2980	83.456	19.769	6.2098	22	0.13	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0941	86.900	8.0000	83.456	19.769	6.2098	22	0.17	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	89.000	0.00000	83.456	19.769	6.2098	22	0.28	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	92.500	29.000	83.456	19.769	6.2098	22	0.46	5%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	108.20	3.4000	83.456	19.769	6.2098	22	1.25	15%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0027	122.52	31.795	83.456	19.769	6.2098	22	1.98	23%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	127.00	4.0000	83.456	19.769	6.2098	22	2.20	26%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2066	142.15	1.9000	83.456	19.769	6.2098	22	2.97	35%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2053	319.00	24.000	83.456	19.769	6.2098	22	11.92	141%	0
112.00	Pyridoxine, Vitamin B6 (µg / g)	0208	8.7800	0.22000			0.22000	1			0
112.01	Pyridoxine, LC (µg / g)	2022	43.500	1.0000			1.0000	1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0208	2.5300	0.02000			0.08500	2	-0.71	1%	0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	2.6650	0.15000			0.08500	2	0.71	1%	0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.35850	0.01700			0.01900	2	-0.71	4%	0
114.01	Biotin, Microbiological (mg / kg (ppm))	0208	0.41550	0.02100			0.01900	2	0.71	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0600	0.04000	1.1320	0.02853	0.01206	18	-2.52	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0800	0.02000	1.1320	0.02853	0.01206	18	-1.82	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	1.0950	0.01000	1.1320	0.02853	0.01206	18	-1.30	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.1005	0.01500	1.1320	0.02853	0.01206	18	-1.10	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.1085	0.01100	1.1320	0.02853	0.01206	18	-0.82	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.1250	0.01000	1.1320	0.02853	0.01206	18	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.1250	0.01000	1.1320	0.02853	0.01206	18	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1300	0.00000	1.1320	0.02853	0.01206	18	-0.07	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.1335	0.00500	1.1320	0.02853	0.01206	18	0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.1375	0.00500	1.1320	0.02853	0.01206	18	0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.1385	0.00900	1.1320	0.02853	0.01206	18	0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.1411	0.00630	1.1320	0.02853	0.01206	18	0.32	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1480	0.00400	1.1320	0.02853	0.01206	18	0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.1530	0.03000	1.1320	0.02853	0.01206	18	0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.1550	0.01000	1.1320	0.02853	0.01206	18	0.81	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.1566	0.01100	1.1320	0.02853	0.01206	18	0.86	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.1650	0.01000	1.1320	0.02853	0.01206	18	1.16	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.2190	0.01080	1.1320	0.02853	0.01206	18	3.05	4%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	1.0610	0.01400			0.01400	1			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.1475	0.03100			0.03100	1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0695	0.00500	1.0935	0.03691	0.02300	3	-0.65	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.0750	0.03000	1.0935	0.03691	0.02300	3	-0.50	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.1360	0.03400	1.0935	0.03691	0.02300	3	1.15	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1748	0.05550	1.2879	0.03227	0.01833	18	-3.51	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.2485	0.01900	1.2879	0.03227	0.01833	18	-1.22	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2555	0.00300	1.2879	0.03227	0.01833	18	-1.01	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2650	0.03000	1.2879	0.03227	0.01833	18	-0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2700	0.02000	1.2879	0.03227	0.01833	18	-0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2700	0.04000	1.2879	0.03227	0.01833	18	-0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2750	0.01000	1.2879	0.03227	0.01833	18	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.2750	0.01000	1.2879	0.03227	0.01833	18	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.2775	0.00700	1.2879	0.03227	0.01833	18	-0.32	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2850	0.01000	1.2879	0.03227	0.01833	18	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2950	0.00800	1.2879	0.03227	0.01833	18	0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.3050	0.01000	1.2879	0.03227	0.01833	18	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.3080	0.04600	1.2879	0.03227	0.01833	18	0.62	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.3107	0.01080	1.2879	0.03227	0.01833	18	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3190	0.01400	1.2879	0.03227	0.01833	18	0.96	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3205	0.00360	1.2879	0.03227	0.01833	18	1.01	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.3275	0.00300	1.2879	0.03227	0.01833	18	1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.3650	0.03000	1.2879	0.03227	0.01833	18	2.39	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.3785	0.00100			0.00100	1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2720	0.02400			0.02400	1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.2875	0.01700	1.3275	0.03473	0.04567	3	-1.15	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.3450	0.06000	1.3275	0.03473	0.04567	3	0.50	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			
121.05	Arginine, Pre-col AQC Der (%)	0939	1.3500	0.06000	1.3275	0.03473	0.04567	3	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.7450	0.07000	1.8155	0.03923	0.02603	18	-1.80	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.7650	0.05000	1.8155	0.03923	0.02603	18	-1.29	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.7705	0.04500	1.8155	0.03923	0.02603	18	-1.15	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.7750	0.01000	1.8155	0.03923	0.02603	18	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.7825	0.01700	1.8155	0.03923	0.02603	18	-0.84	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.7850	0.01000	1.8155	0.03923	0.02603	18	-0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.8050	0.01000	1.8155	0.03923	0.02603	18	-0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.8079	0.00740	1.8155	0.03923	0.02603	18	-0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	1.8200	0.02000	1.8155	0.03923	0.02603	18	0.11	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.8255	0.03500	1.8155	0.03923	0.02603	18	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.8260	0.00000	1.8155	0.03923	0.02603	18	0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.8350	0.09000	1.8155	0.03923	0.02603	18	0.50	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.8362	0.00600	1.8155	0.03923	0.02603	18	0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.8440	0.01200	1.8155	0.03923	0.02603	18	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.8445	0.01300	1.8155	0.03923	0.02603	18	0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.8515	0.02100	1.8155	0.03923	0.02603	18	0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.8680	0.03210	1.8155	0.03923	0.02603	18	1.34	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.8700	0.02000	1.8155	0.03923	0.02603	18	1.39	1%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.7370	0.02200			0.02200	1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.8180	0.00200			0.00200	1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.7350	0.03400	1.8073	0.06478	0.02600	3	-1.12	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.8270	0.04400	1.8073	0.06478	0.02600	3	0.30	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.8600	0.00000	1.8073	0.06478	0.02600	3	0.81	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2022	0.28500	0.03000	0.30740	0.01728	0.00960	18	-1.30	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.28840	0.00880	0.30740	0.01728	0.00960	18	-1.10	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.29350	0.00100	0.30740	0.01728	0.00960	18	-0.80	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.29500	0.01000	0.30740	0.01728	0.00960	18	-0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.29500	0.01000	0.30740	0.01728	0.00960	18	-0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.29590	0.00720	0.30740	0.01728	0.00960	18	-0.67	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.29750	0.00300	0.30740	0.01728	0.00960	18	-0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.29900	0.00980	0.30740	0.01728	0.00960	18	-0.49	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.30500	0.01000	0.30740	0.01728	0.00960	18	-0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.30700	0.00200	0.30740	0.01728	0.00960	18	-0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.30800	0.00400	0.30740	0.01728	0.00960	18	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.30950	0.00500	0.30740	0.01728	0.00960	18	0.12	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.31200	0.00600	0.30740	0.01728	0.00960	18	0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.32500	0.01000	0.30740	0.01728	0.00960	18	1.02	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.32650	0.00300	0.30740	0.01728	0.00960	18	1.11	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.33000	0.02000	0.30740	0.01728	0.00960	18	1.31	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.33450	0.01300	0.30740	0.01728	0.00960	18	1.57	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.34000	0.02000	0.30740	0.01728	0.00960	18	1.89	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			
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.27500	0.00800			0.03700	2	-0.71	11%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0676	0.42400	0.06600			0.03700	2	0.71	11%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.32800	0.00600			0.00600	1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.33000	0.08000			0.08000	1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.4650	0.01000	3.5940	0.10180	0.03786	18	-1.27	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4800	0.08000	3.5940	0.10180	0.03786	18	-1.12	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.5000	0.04000	3.5940	0.10180	0.03786	18	-0.92	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.5050	0.01600	3.5940	0.10180	0.03786	18	-0.87	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.5295	0.03700	3.5940	0.10180	0.03786	18	-0.63	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.5350	0.01000	3.5940	0.10180	0.03786	18	-0.58	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.5480	0.05200	3.5940	0.10180	0.03786	18	-0.45	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.5485	0.02300	3.5940	0.10180	0.03786	18	-0.45	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.5558	0.02350	3.5940	0.10180	0.03786	18	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.5600	0.03000	3.5940	0.10180	0.03786	18	-0.33	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.6346	0.09200	3.5940	0.10180	0.03786	18	0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.6365	0.00100	3.5940	0.10180	0.03786	18	0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.6437	0.02800	3.5940	0.10180	0.03786	18	0.49	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.6800	0.04000	3.5940	0.10180	0.03786	18	0.85	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.6805	0.04900	3.5940	0.10180	0.03786	18	0.85	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.7350	0.11000	3.5940	0.10180	0.03786	18	1.39	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	3.7650	0.03000	3.5940	0.10180	0.03786	18	1.68	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.7950	0.01000	3.5940	0.10180	0.03786	18	1.97	3%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.5450	0.06200			0.06200	1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.5235	0.04100			0.04100	1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.3425	0.08700	3.4788	0.15603	0.06900	3	-0.87	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	3.4450	0.07000	3.4788	0.15603	0.06900	3	-0.22	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.6490	0.05000	3.4788	0.15603	0.06900	3	1.09	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.1530	0.00400	1.1950	0.02712	0.01227	18	-1.55	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.1600	0.04000	1.1950	0.02712	0.01227	18	-1.29	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.1600	0.00000	1.1950	0.02712	0.01227	18	-1.29	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.1750	0.01000	1.1950	0.02712	0.01227	18	-0.74	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	1.1810	0.02800	1.1950	0.02712	0.01227	18	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.1855	0.02100	1.1950	0.02712	0.01227	18	-0.35	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.1880	0.00800	1.1950	0.02712	0.01227	18	-0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.1900	0.02000	1.1950	0.02712	0.01227	18	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.1920	0.00110	1.1950	0.02712	0.01227	18	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.1920	0.00400	1.1950	0.02712	0.01227	18	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.2000	0.00000	1.1950	0.02712	0.01227	18	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.2020	0.00200	1.1950	0.02712	0.01227	18	0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.2116	0.02490	1.1950	0.02712	0.01227	18	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.2135	0.00080	1.1950	0.02712	0.01227	18	0.68	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.2155	0.00700	1.1950	0.02712	0.01227	18	0.75	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	1.2250	0.03000	1.1950	0.02712	0.01227	18	1.10	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.2400	0.02000	1.1950	0.02712	0.01227	18	1.66	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.2600	0.00000	1.1950	0.02712	0.01227	18	2.40	3%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	1.1630	0.04000			0.04000	1			0
126.02	Glycine, Post-col OPA Der (%)	0098	1.1980	0.05000			0.05000	1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.1835	0.02500	1.2348	0.05689	0.05033	3	-0.90	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	1.2250	0.05000	1.2348	0.05689	0.05033	3	-0.17	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.2960	0.07600	1.2348	0.05689	0.05033	3	1.08	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.47000	0.02000	0.50437	0.01830	0.01003	17	-1.88	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.47000	0.02000	0.50437	0.01830	0.01003	17	-1.88	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.49050	0.00500	0.50437	0.01830	0.01003	17	-0.76	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.49305	0.01750	0.50437	0.01830	0.01003	17	-0.62	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.49500	0.01000	0.50437	0.01830	0.01003	17	-0.51	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.49550	0.01300	0.50437	0.01830	0.01003	17	-0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.49835	0.00310	0.50437	0.01830	0.01003	17	-0.33	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.50100	0.00200	0.50437	0.01830	0.01003	17	-0.18	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.50150	0.00300	0.50437	0.01830	0.01003	17	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.50500	0.01000	0.50437	0.01830	0.01003	17	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.50550	0.00300	0.50437	0.01830	0.01003	17	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.51300	0.01000	0.50437	0.01830	0.01003	17	0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.51800	0.00400	0.50437	0.01830	0.01003	17	0.74	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.52805	0.01190	0.50437	0.01830	0.01003	17	1.29	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.54000	0.02000	0.50437	0.01830	0.01003	17	1.95	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.50437	0.01830	0.01003	17	2.22	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.57300	0.00800	0.50437	0.01830	0.01003	17	3.75	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.51500	0.05000	0.50437	0.01830	0.01003	17	0.58	1%	1
127.01	Histidine, Pre-col OPA Der (%)	0297	0.43250	0.01500			0.01500	1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.50350	0.00100			0.00100	1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.50900	0.00000	0.51467	0.00551	0.01533	3	-1.03	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.51500	0.00600	0.51467	0.00551	0.01533	3	0.06	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.52000	0.04000	0.51467	0.00551	0.01533	3	0.97	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.70500	0.01000	0.76119	0.03083	0.01118	17	-1.82	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.70600	0.01400	0.76119	0.03083	0.01118	17	-1.79	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.72500	0.01000	0.76119	0.03083	0.01118	17	-1.17	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.73000	0.00000	0.76119	0.03083	0.01118	17	-1.01	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.73815	0.03070	0.76119	0.03083	0.01118	17	-0.75	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.74650	0.00500	0.76119	0.03083	0.01118	17	-0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	0.76000	0.02000	0.76119	0.03083	0.01118	17	-0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.76050	0.00700	0.76119	0.03083	0.01118	17	-0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.76815	0.01110	0.76119	0.03083	0.01118	17	0.23	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.76950	0.01100	0.76119	0.03083	0.01118	17	0.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.77255	0.00130	0.76119	0.03083	0.01118	17	0.37	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.77400	0.01400	0.76119	0.03083	0.01118	17	0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.77800	0.01400	0.76119	0.03083	0.01118	17	0.55	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.78500	0.01000	0.76119	0.03083	0.01118	17	0.77	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.79050	0.00100	0.76119	0.03083	0.01118	17	0.95	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.79500	0.01000	0.76119	0.03083	0.01118	17	1.10	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.81650	0.02100	0.76119	0.03083	0.01118	17	1.79	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.74500	0.05000	0.76119	0.03083	0.01118	17	-0.53	1%	1
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.80200	0.02400			0.02400	1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.78250	0.00300			0.00300	1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.75000	0.08000	0.79800	0.00778	0.03000	3	-1.13	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.79250	0.00500	0.79800	0.00778	0.03000	3	0.37	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.80350	0.00500	0.79800	0.00778	0.03000	3	0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.5700	0.00000	1.6484	0.02402	0.01262	18	-3.26	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.5800	0.02000	1.6484	0.02402	0.01262	18	-2.85	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.5956	0.01850	1.6484	0.02402	0.01262	18	-2.20	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.6025	0.00100	1.6484	0.02402	0.01262	18	-1.91	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.6200	0.02000	1.6484	0.02402	0.01262	18	-1.18	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.6400	0.00000	1.6484	0.02402	0.01262	18	-0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.6400	0.01200	1.6484	0.02402	0.01262	18	-0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6495	0.01300	1.6484	0.02402	0.01262	18	0.05	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.6500	0.00000	1.6484	0.02402	0.01262	18	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.6560	0.00600	1.6484	0.02402	0.01262	18	0.32	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.6585	0.02500	1.6484	0.02402	0.01262	18	0.42	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6591	0.03440	1.6484	0.02402	0.01262	18	0.45	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.6620	0.01000	1.6484	0.02402	0.01262	18	0.57	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.6622	0.01230	1.6484	0.02402	0.01262	18	0.57	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.6700	0.00000	1.6484	0.02402	0.01262	18	0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.6700	0.02000	1.6484	0.02402	0.01262	18	0.90	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.6705	0.00500	1.6484	0.02402	0.01262	18	0.92	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.6850	0.03000	1.6484	0.02402	0.01262	18	1.52	1%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.6315	0.02500			0.02500	1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.6770	0.03000			0.03000	1			0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.6050	0.09000	1.6380	0.03062	0.03733	3	-1.08	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6435	0.00500	1.6380	0.03062	0.03733	3	0.18	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.6655	0.01700	1.6380	0.03062	0.03733	3	0.90	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.80000	0.04000	1.0237	0.03836	0.02018	19	-5.83	11%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.98000	0.02000	1.0237	0.03836	0.02018	19	-1.14	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.98050	0.00100	1.0237	0.03836	0.02018	19	-1.13	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.99000	0.02000	1.0237	0.03836	0.02018	19	-0.88	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.0000	0.02200	1.0237	0.03836	0.02018	19	-0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.0050	0.01000	1.0237	0.03836	0.02018	19	-0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.0093	0.02200	1.0237	0.03836	0.02018	19	-0.38	1%	0

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130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.0120	0.00200	1.0237	0.03836	0.02018	19	-0.31	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.0126	0.01840	1.0237	0.03836	0.02018	19	-0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.0215	0.01900	1.0237	0.03836	0.02018	19	-0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.0225	0.00100	1.0237	0.03836	0.02018	19	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.0275	0.00700	1.0237	0.03836	0.02018	19	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.0285	0.01500	1.0237	0.03836	0.02018	19	0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.0450	0.05000	1.0237	0.03836	0.02018	19	0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.0523	0.00610	1.0237	0.03836	0.02018	19	0.74	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.0800	0.06000	1.0237	0.03836	0.02018	19	1.47	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.0800	0.02000	1.0237	0.03836	0.02018	19	1.47	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	1.1050	0.03000	1.0237	0.03836	0.02018	19	2.12	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.1200	0.02000	1.0237	0.03836	0.02018	19	2.51	5%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0035	0.98050	0.00700			0.00550	2	-0.71	1%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	1.0090	0.00400			0.00550	2	0.71	1%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0395	0.01700			0.01700	1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.0200	0.02000	1.0529	0.02303	0.04283	6	-1.43	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	1.0400	0.04000	1.0529	0.02303	0.04283	6	-0.56	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.0450	0.01000	1.0529	0.02303	0.04283	6	-0.34	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	1.0610	0.10400	1.0529	0.02303	0.04283	6	0.35	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.0655	0.08300	1.0529	0.02303	0.04283	6	0.55	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.1270	0.00000	1.0529	0.02303	0.04283	6	3.22	4%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.93500	0.02000			0.01000	2	-0.71	2%	0
130.99	L-Lysine, Miscellaneous (%)	0208	1.0100	0.00000			0.01000	2	0.71	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.33000	0.00000	0.36495	0.01742	0.00856	18	-2.01	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.33250	0.00700	0.36495	0.01742	0.00856	18	-1.86	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.33700	0.00200	0.36495	0.01742	0.00856	18	-1.60	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.34750	0.00700	0.36495	0.01742	0.00856	18	-1.00	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.35500	0.03000	0.36495	0.01742	0.00856	18	-0.57	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.36150	0.00100	0.36495	0.01742	0.00856	18	-0.20	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.36200	0.00000	0.36495	0.01742	0.00856	18	-0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.36250	0.00100	0.36495	0.01742	0.00856	18	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.36500	0.01000	0.36495	0.01742	0.00856	18	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.36500	0.01000	0.36495	0.01742	0.00856	18	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.36510	0.00160	0.36495	0.01742	0.00856	18	0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.36750	0.00500	0.36495	0.01742	0.00856	18	0.15	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.36765	0.00910	0.36495	0.01742	0.00856	18	0.16	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.37530	0.00640	0.36495	0.01742	0.00856	18	0.59	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.38500	0.01000	0.36495	0.01742	0.00856	18	1.15	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.39000	0.04000	0.36495	0.01742	0.00856	18	1.44	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.39500	0.01000	0.36495	0.01742	0.00856	18	1.73	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.42700	0.00400	0.36495	0.01742	0.00856	18	3.56	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.36500	0.05000	0.36495	0.01742	0.00856	18	0.00	0%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.34450	0.01900			0.03200	2	-0.71	0%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0676	0.35050	0.04500			0.03200	2	0.71	0%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.35650	0.00300			0.00300	1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.31450	0.03100	0.36100	0.01852	0.00925	4	-1.26	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.34300	0.00600	0.36100	0.01852	0.00925	4	-0.23	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.36000	0.00000	0.36100	0.01852	0.00925	4	0.38	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.38000	0.00000	0.36100	0.01852	0.00925	4	1.10	4%	0
131.99	Methionine, Miscellaneous (%)	2053	0.32850	0.02700			0.02700	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.85335	0.00270	0.91869	0.02441	0.01082	17	-2.68	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.87500	0.03000	0.91869	0.02441	0.01082	17	-1.79	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.89500	0.01000	0.91869	0.02441	0.01082	17	-0.97	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.90200	0.01200	0.91869	0.02441	0.01082	17	-0.68	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.90300	0.00200	0.91869	0.02441	0.01082	17	-0.64	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.90500	0.01000	0.91869	0.02441	0.01082	17	-0.56	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.91250	0.01300	0.91869	0.02441	0.01082	17	-0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.91500	0.00400	0.91869	0.02441	0.01082	17	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.91650	0.00700	0.91869	0.02441	0.01082	17	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.92200	0.00600	0.91869	0.02441	0.01082	17	0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.92480	0.01940	0.91869	0.02441	0.01082	17	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	0.93000	0.02000	0.91869	0.02441	0.01082	17	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.93500	0.01000	0.91869	0.02441	0.01082	17	0.67	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.94225	0.00590	0.91869	0.02441	0.01082	17	0.97	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.94900	0.00400	0.91869	0.02441	0.01082	17	1.24	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.95100	0.00800	0.91869	0.02441	0.01082	17	1.32	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.96000	0.02000	0.91869	0.02441	0.01082	17	1.69	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.92000	0.06000	0.91869	0.02441	0.01082	17	0.05	0%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.91400	0.00600			0.00600	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.93950	0.01700			0.01700	1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.93000	0.06000	0.93483	0.00501	0.02367	3	-0.97	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.93450	0.00900	0.93483	0.00501	0.02367	3	-0.07	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.94000	0.00200	0.93483	0.00501	0.02367	3	1.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.1250	0.03000	1.3236	0.05430	0.02870	18	-3.66	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1372	0.04460	1.3236	0.05430	0.02870	18	-3.43	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.2400	0.04000	1.3236	0.05430	0.02870	18	-1.54	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.2850	0.01000	1.3236	0.05430	0.02870	18	-0.71	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.2915	0.02900	1.3236	0.05430	0.02870	18	-0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.3045	0.04100	1.3236	0.05430	0.02870	18	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.3050	0.05000	1.3236	0.05430	0.02870	18	-0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.3170	0.00000	1.3236	0.05430	0.02870	18	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.3218	0.05300	1.3236	0.05430	0.02870	18	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.3220	0.00400	1.3236	0.05430	0.02870	18	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.3285	0.00300	1.3236	0.05430	0.02870	18	0.09	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			
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.3350	0.01000	1.3236	0.05430	0.02870	18	0.21	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.3420	0.01200	1.3236	0.05430	0.02870	18	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.3555	0.06100	1.3236	0.05430	0.02870	18	0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.3850	0.05000	1.3236	0.05430	0.02870	18	1.13	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.4150	0.05000	1.3236	0.05430	0.02870	18	1.68	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.4300	0.02000	1.3236	0.05430	0.02870	18	1.96	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.4355	0.00900	1.3236	0.05430	0.02870	18	2.06	4%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.3650	0.05000	1.3960	0.03601	0.03133	3	-0.86	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.3875	0.00300	1.3960	0.03601	0.03133	3	-0.24	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.4355	0.04100	1.3960	0.03601	0.03133	3	1.10	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.75175	0.03090	0.93888	0.01700	0.01362	17	-11.01	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.88700	0.01600	0.93888	0.01700	0.01362	17	-3.05	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.90350	0.01300	0.93888	0.01700	0.01362	17	-2.08	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.92500	0.01000	0.93888	0.01700	0.01362	17	-0.82	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.92500	0.01000	0.93888	0.01700	0.01362	17	-0.82	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.92500	0.01000	0.93888	0.01700	0.01362	17	-0.82	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.93800	0.00000	0.93888	0.01700	0.01362	17	-0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.94000	0.00000	0.93888	0.01700	0.01362	17	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.94100	0.01600	0.93888	0.01700	0.01362	17	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.94300	0.00200	0.93888	0.01700	0.01362	17	0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.94730	0.00980	0.93888	0.01700	0.01362	17	0.49	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.94850	0.02300	0.93888	0.01700	0.01362	17	0.57	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.95000	0.04000	0.93888	0.01700	0.01362	17	0.65	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	0.95000	0.02000	0.93888	0.01700	0.01362	17	0.65	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.95150	0.00100	0.93888	0.01700	0.01362	17	0.74	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.95945	0.01290	0.93888	0.01700	0.01362	17	1.21	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.99350	0.01700	0.93888	0.01700	0.01362	17	3.21	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.93500	0.07000	0.93888	0.01700	0.01362	17	-0.23	0%	1
134.01	Serine, Pre-col OPA Der (%)	0297	0.99150	0.02300			0.02300	1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.87300	0.06200			0.06200	1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.87100	0.03400	0.92667	0.05705	0.03067	3	-0.98	3%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.92400	0.00800	0.92667	0.05705	0.03067	3	-0.05	0%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.98500	0.05000	0.92667	0.05705	0.03067	3	1.02	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.69690	0.03500	0.72394	0.01398	0.01193	18	-1.93	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.70500	0.01000	0.72394	0.01398	0.01193	18	-1.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.70850	0.01900	0.72394	0.01398	0.01193	18	-1.10	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.71000	0.00000	0.72394	0.01398	0.01193	18	-1.00	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.71300	0.00640	0.72394	0.01398	0.01193	18	-0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	0.71500	0.03000	0.72394	0.01398	0.01193	18	-0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.71650	0.00300	0.72394	0.01398	0.01193	18	-0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.72000	0.00000	0.72394	0.01398	0.01193	18	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.72700	0.00600	0.72394	0.01398	0.01193	18	0.22	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			
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.72800	0.00200	0.72394	0.01398	0.01193	18	0.29	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.73000	0.02000	0.72394	0.01398	0.01193	18	0.43	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.73000	0.02000	0.72394	0.01398	0.01193	18	0.43	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.73000	0.01400	0.72394	0.01398	0.01193	18	0.43	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.73200	0.01400	0.72394	0.01398	0.01193	18	0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.73250	0.00700	0.72394	0.01398	0.01193	18	0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.73525	0.00430	0.72394	0.01398	0.01193	18	0.81	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.77900	0.01400	0.72394	0.01398	0.01193	18	3.94	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.81500	0.01000	0.72394	0.01398	0.01193	18	6.52	6%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.77150	0.01900			0.01900	1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.72550	0.01900			0.01900	1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.71200	0.01400	0.73583	0.03035	0.01433	3	-0.79	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.72550	0.00900	0.73583	0.03035	0.01433	3	-0.34	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.77000	0.02000	0.73583	0.03035	0.01433	3	1.13	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.20295	0.00270	0.24765	0.04152	0.01670	4	-1.02	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.21875	0.05210	0.24765	0.04152	0.01670	4	-0.59	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.25500	0.01000	0.24765	0.04152	0.01670	4	0.40	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.28500	0.00200	0.24765	0.04152	0.01670	4	1.21	9%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.21550	0.00100	0.23000	0.01019	0.00160	5	-1.42	3%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.22400	0.00400	0.23000	0.01019	0.00160	5	-0.59	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.23350	0.00100	0.23000	0.01019	0.00160	5	0.34	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.23600	0.00200	0.23000	0.01019	0.00160	5	0.59	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.24100	0.00000	0.23000	0.01019	0.00160	5	1.08	2%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.23050	0.00700			0.00700	1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.20450	0.00500	0.22388	0.01394	0.00325	4	-1.39	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.22300	0.00200	0.22388	0.01394	0.00325	4	-0.06	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.23300	0.00200	0.22388	0.01394	0.00325	4	0.65	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.23500	0.00400	0.22388	0.01394	0.00325	4	0.80	2%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.23500	0.01000			0.01000	1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.43855	0.00730	0.61511	0.04099	0.00746	11	-4.31	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.50000	0.02000	0.61511	0.04099	0.00746	11	-2.81	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.58950	0.00300	0.61511	0.04099	0.00746	11	-0.62	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.60000	0.00000	0.61511	0.04099	0.00746	11	-0.37	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.61000	0.01600	0.61511	0.04099	0.00746	11	-0.12	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.61500	0.01000	0.61511	0.04099	0.00746	11	0.00	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.62000	0.00000	0.61511	0.04099	0.00746	11	0.12	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.63500	0.01000	0.61511	0.04099	0.00746	11	0.49	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.63900	0.00600	0.61511	0.04099	0.00746	11	0.58	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.66610	0.00280	0.61511	0.04099	0.00746	11	1.24	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.67550	0.00700	0.61511	0.04099	0.00746	11	1.47	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.66000	0.08000	0.61511	0.04099	0.00746	11	1.10	4%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.63850	0.01500			0.01500	1			0

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137.02	Tyrosine, Post-col OPA Der (%)	0098	0.62450	0.01700			0.01700	1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.59500	0.03600	0.63250	0.03437	0.02967	3	-1.09	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.64000	0.00000	0.63250	0.03437	0.02967	3	0.22	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.66250	0.05300	0.63250	0.03437	0.02967	3	0.87	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.84150	0.02100	0.92649	0.03702	0.01347	17	-2.30	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.86500	0.01000	0.92649	0.03702	0.01347	17	-1.66	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.87500	0.01000	0.92649	0.03702	0.01347	17	-1.39	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.89500	0.01000	0.92649	0.03702	0.01347	17	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.90450	0.02300	0.92649	0.03702	0.01347	17	-0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.91000	0.00000	0.92649	0.03702	0.01347	17	-0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.91600	0.02000	0.92649	0.03702	0.01347	17	-0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.91650	0.00700	0.92649	0.03702	0.01347	17	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.93500	0.01400	0.92649	0.03702	0.01347	17	0.23	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.93550	0.01700	0.92649	0.03702	0.01347	17	0.24	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.93765	0.02870	0.92649	0.03702	0.01347	17	0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.94300	0.00200	0.92649	0.03702	0.01347	17	0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.94845	0.00130	0.92649	0.03702	0.01347	17	0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.94850	0.00500	0.92649	0.03702	0.01347	17	0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.96500	0.01000	0.92649	0.03702	0.01347	17	1.04	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	0.97500	0.03000	0.92649	0.03702	0.01347	17	1.31	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.0200	0.02000	0.92649	0.03702	0.01347	17	2.53	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.88000	0.06000	0.92649	0.03702	0.01347	17	-1.26	3%	1
138.01	Valine, Pre-col OPA Der (%)	0297	1.0355	0.06900			0.06900	1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.94650	0.01300			0.01300	1			0
138.05	Valine, Pre-col AQC Der (%)	0939	0.92500	0.09000	1.0228	0.02227	0.03300	3	-1.11	3%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.0070	0.00000	1.0228	0.02227	0.03300	3	0.29	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.0385	0.00900	1.0228	0.02227	0.03300	3	0.82	2%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.06500	0.09000			0.05750	2	-0.71	22%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.16750	0.02500			0.05750	2	0.71	22%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
150.00	Phytase, Colorimetric (Units / kg)	2022	328.50	37.000			37.000	1			0
160.99	Fructose, Miscellaneous (%)	0148	0.16000	0.00000	0.16450	0.00636	0.01467	3	-0.69	7%	0
160.99	Fructose, Miscellaneous (%)	2004	0.16900	0.00400	0.16450	0.00636	0.01467	3	-0.46	5%	0
160.99	Fructose, Miscellaneous (%)	0227	0.23000	0.04000	0.16450	0.00636	0.01467	3	1.15	12%	0
160.99	Fructose, Miscellaneous (%)	0297	0.00000	0.00000	0.16450	0.00636	0.01467	3	-4.89	50%	4
160.99	Fructose, Miscellaneous (%)	0674	0.11500	0.23000	0.16450	0.00636	0.01467	3	-1.87	19%	4
161.99	Galactose, Miscellaneous (%)	2004	0.01015	0.00090				1			0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
162.99	Glucose, Miscellaneous (%)	0148	0.09500	0.01000	0.48388	0.41783	0.03325	4	-0.93	40%	0
162.99	Glucose, Miscellaneous (%)	2004	0.26050	0.00300	0.48388	0.41783	0.03325	4	-0.53	23%	0
162.99	Glucose, Miscellaneous (%)	0227	0.53000	0.12000	0.48388	0.41783	0.03325	4	0.11	5%	0
162.99	Glucose, Miscellaneous (%)	0629	1.0500	0.00000	0.48388	0.41783	0.03325	4	1.35	58%	0

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162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000	0.48388	0.41783	0.03325	4	-1.16	50%	4
162.99	Glucose, Miscellaneous (%)	0674	0.05500	0.11000	0.48388	0.41783	0.03325	4	-1.03	44%	4
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0674	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0297	0.10000	0.01000	0.38700	0.32395	0.01450	4	-0.89	37%	0
164.99	Maltose, Miscellaneous (%)	0148	0.11500	0.01000	0.38700	0.32395	0.01450	4	-0.84	35%	0
164.99	Maltose, Miscellaneous (%)	2004	0.63300	0.03800	0.38700	0.32395	0.01450	4	0.76	32%	0
164.99	Maltose, Miscellaneous (%)	0629	0.70000	0.00000	0.38700	0.32395	0.01450	4	0.97	40%	0
165.99	Sucrose, Miscellaneous (%)	2004	2.0650	0.07000	2.4505	0.35817	0.03060	5	-1.08	8%	0
165.99	Sucrose, Miscellaneous (%)	0629	2.3000	0.00000	2.4505	0.35817	0.03060	5	-0.42	3%	0
165.99	Sucrose, Miscellaneous (%)	0148	2.3950	0.03000	2.4505	0.35817	0.03060	5	-0.15	1%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.4600	0.04000	2.4505	0.35817	0.03060	5	0.03	0%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.0325	0.01300	2.4505	0.35817	0.03060	5	1.62	12%	0
165.99	Sucrose, Miscellaneous (%)	0674	1.1400	2.2800	2.4505	0.35817	0.03060	5	-3.66	27%	4
166.99	Raffinose, Miscellaneous (%)	0297	0.38750	0.02100			0.02100	1			0
167.99	Stachyose, Miscellaneous (%)	0297	0.95350	0.00100			0.00100	1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.57500	0.01000	0.58285	0.01274	0.00450	3	-0.62	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.57600	0.00200	0.58285	0.01274	0.00450	3	-0.54	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.59755	0.00150	0.58285	0.01274	0.00450	3	1.15	1%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.57450	0.00500			0.00500	1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.36500	0.01000			0.01000	1			0
516.42	Arsenic, total, ICP, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000			0.00000	0			4
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.37125	0.00990			0.00990	1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.39000	0.02000			0.02000	1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.33000	0.02000	0.39713	0.05692	0.03362	6	-1.18	8%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.36600	0.02400	0.39713	0.05692	0.03362	6	-0.55	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.37200	0.02200	0.39713	0.05692	0.03362	6	-0.44	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.41130	0.03920	0.39713	0.05692	0.03362	6	0.25	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.43895	0.04150	0.39713	0.05692	0.03362	6	0.73	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.46450	0.05500	0.39713	0.05692	0.03362	6	1.18	8%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.06500	0.01000	0.09138	0.00937	0.00350	3	-1.06	11%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.08475	0.00050	0.09138	0.00937	0.00350	3	0.13	1%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.09800	0.00000	0.09138	0.00937	0.00350	3	0.93	9%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.09380	0.00880			0.03140	2	-0.71	49%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0508	9.2140	0.05400			0.03140	2	0.71	49%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000			0.03140	2	-0.72	50%	4
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000			0.00000	0			4
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.06800	0.00000	0.07594	0.00664	0.00498	6	-1.20	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.07270	0.00740	0.07594	0.00664	0.00498	6	-0.49	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.07350	0.00100	0.07594	0.00664	0.00498	6	-0.37	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			
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.07600	0.01360	0.07594	0.00664	0.00498	6	0.01	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08250	0.00700	0.07594	0.00664	0.00498	6	0.99	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08295	0.00090	0.07594	0.00664	0.00498	6	1.05	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	3.9938	0.07250			0.13625	2	-0.71	9%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	5.8000	0.20000			0.13625	2	0.71	9%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	2012	5.5450	0.03000	5.6748	0.19114	0.34383	3	-0.68	1%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	5.5850	0.63000	5.6748	0.19114	0.34383	3	-0.47	1%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	5.8943	0.37150	5.6748	0.19114	0.34383	3	1.15	2%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.3000	1.8000			1.8000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.8017	0.03690	3.7046	0.90168	0.37763	3	-1.00	12%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	3.7070	0.70600	3.7046	0.90168	0.37763	3	0.00	0%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	4.6050	0.39000	3.7046	0.90168	0.37763	3	1.00	12%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	4.6395	0.41900			0.41900	1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.11500	0.03000			0.03000	1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.43940	0.07960			0.09980	2	-0.71	47%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0508	13.920	0.12000			0.09980	2	0.71	47%	0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000			0.09980	2	-0.75	50%	4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000			0.00000	0			4
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.14000	0.00000	0.16185	0.01942	0.01288	6	-1.13	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.15000	0.02400	0.16185	0.01942	0.01288	6	-0.61	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.15400	0.00200	0.16185	0.01942	0.01288	6	-0.40	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.16650	0.00700	0.16185	0.01942	0.01288	6	0.24	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.17385	0.00630	0.16185	0.01942	0.01288	6	0.62	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.19600	0.03800	0.16185	0.01942	0.01288	6	1.76	11%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000			0.00000	0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	0.00000	0.00000				0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	1.0000	2.0000				0			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	3.2240	0.04600			0.12300	2	-0.71	3%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	3.6000	0.20000			0.12300	2	0.71	3%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	3.7124	0.06280			0.06280	1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.4000	0.20000			0.20000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.8000	0.07510	2.8750	0.10610	0.56503	3	-0.87	1%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.8500	1.4600	2.8750	0.10610	0.56503	3	-0.22	0%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	2.9500	0.16000	2.8750	0.10610	0.56503	3	1.09	1%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0723	3.3300	0.00000							0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0028	4.4000	0.40000							0
600.11	Total Aflatoxin, r-Biopharm Ridascreen Afl total (µg / kg)	1019	2.0000	0.00000							0
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							4
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg)	0028	1,600.0	0.00000							0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00600	0.00000			0.01000	2	-0.71	44%	0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0353	0.10000	0.02000			0.01000	2	0.71	44%	0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0353	0.56500	0.01000			0.01000	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			
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0353	16.240	0.12000			0.12000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.02400	0.00000			0.01000	2	-0.71	47%	0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0353	0.85000	0.02000			0.01000	2	0.71	47%	0
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0353	0.24500	0.01000			0.01000	1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0353	5.5750	0.03000			0.03000	1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0353	26.850	0.06000			0.06000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	1.8290	0.00200			0.09100	2	-0.71	46%	0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0353	41.370	0.18000			0.09100	2	0.71	46%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0676	0.13500	0.00000			0.00000	1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0353	0.65000	0.02000			0.02000	1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous	0676	0.00750	0.00100			0.00100	1			0
738.99	Mead Acid (11c,14c,17c-20:3), Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous	0676	0.00500	0.00000				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous	0353	0.00000	0.00000				1			4
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5), Miscellaneous	0676	0.00200	0.00000			0.00000	1			0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous	0676	0.00400	0.00000				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous	0353	0.00000	0.00000				1			4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous	0676	0.15000	0.00000			0.00000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous	0676	1.8400	0.00000			0.00000	1			0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0353	23.250	0.12000			0.12000	1			0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0353	28.530	0.26000			0.26000	1			0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0353	44.725	0.27000			0.27000	1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0353	3.8900	0.26000			0.26000	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 are 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.