



Method Proficiency Testing Report Regular Program

Sample # 201626

Labs Reporting: 199

Llama Feed

Issue Date : 07/31/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.70000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	5.8800	0.02000	7.0613	0.35783	0.12478	9	-3.30	8%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	6.6650	0.25000	7.0613	0.35783	0.12478	9	-1.11	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	6.8912	0.08700	7.0613	0.35783	0.12478	9	-0.48	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	7.0650	0.29000	7.0613	0.35783	0.12478	9	0.01	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	7.0655	0.13700	7.0613	0.35783	0.12478	9	0.01	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.2250	0.05000	7.0613	0.35783	0.12478	9	0.46	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.3100	0.06000	7.0613	0.35783	0.12478	9	0.70	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.3850	0.19000	7.0613	0.35783	0.12478	9	0.90	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.4205	0.03900	7.0613	0.35783	0.12478	9	1.00	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	7.2250	0.01000	7.2538	0.03614	0.01750	4	-0.80	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	7.2250	0.03000	7.2538	0.03614	0.01750	4	-0.80	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	7.2650	0.01000	7.2538	0.03614	0.01750	4	0.31	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	7.3000	0.02000	7.2538	0.03614	0.01750	4	1.28	0%	0
001.05	Loss on Drying, LECO (%)	0610	7.0150	0.07000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.0750	0.13000	7.2061	0.29956	0.11248	36	-3.78	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	6.6500	0.30000	7.2061	0.29956	0.11248	36	-1.86	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	6.7500	0.10000	7.2061	0.29956	0.11248	36	-1.52	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.8550	0.05000	7.2061	0.29956	0.11248	36	-1.17	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	6.8620	0.00900	7.2061	0.29956	0.11248	36	-1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	6.8949	0.11030	7.2061	0.29956	0.11248	36	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	6.9500	0.50000	7.2061	0.29956	0.11248	36	-0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.9550	0.01000	7.2061	0.29956	0.11248	36	-0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.0150	0.01000	7.2061	0.29956	0.11248	36	-0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	7.0300	0.02000	7.2061	0.29956	0.11248	36	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	7.0300	0.00000	7.2061	0.29956	0.11248	36	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.0500	0.48000	7.2061	0.29956	0.11248	36	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.0750	0.35000	7.2061	0.29956	0.11248	36	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	7.1000	0.40000	7.2061	0.29956	0.11248	36	-0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	7.1450	0.01000	7.2061	0.29956	0.11248	36	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	7.1800	0.00000	7.2061	0.29956	0.11248	36	-0.09	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	7.2000	0.06000	7.2061	0.29956	0.11248	36	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	7.2050	0.01000	7.2061	0.29956	0.11248	36	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	7.2250	0.19000	7.2061	0.29956	0.11248	36	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	7.2550	0.15000	7.2061	0.29956	0.11248	36	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.2700	0.20000	7.2061	0.29956	0.11248	36	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	7.2850	0.03000	7.2061	0.29956	0.11248	36	0.26	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	7.2900	0.04000	7.2061	0.29956	0.11248	36	0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.3100	0.10000	7.2061	0.29956	0.11248	36	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.3500	0.04000	7.2061	0.29956	0.11248	36	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	7.3650	0.17000	7.2061	0.29956	0.11248	36	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.3700	0.00000	7.2061	0.29956	0.11248	36	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2033	7.3800	0.02000	7.2061	0.29956	0.11248	36	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	7.4450	0.05000	7.2061	0.29956	0.11248	36	0.80	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	7.4550	0.03000	7.2061	0.29956	0.11248	36	0.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	7.4600	0.08000	7.2061	0.29956	0.11248	36	0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.5750	0.03000	7.2061	0.29956	0.11248	36	1.23	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.6000	0.20000	7.2061	0.29956	0.11248	36	1.32	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.8550	0.09000	7.2061	0.29956	0.11248	36	2.17	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	7.8600	0.04000	7.2061	0.29956	0.11248	36	2.18	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.3200	0.04000	7.2061	0.29956	0.11248	36	3.72	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	6.9450	0.61000	7.2061	0.29956	0.11248	36	-0.87	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	3.3000	0.08000	7.2061	0.29956	0.11248	36	-13.04	27%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	6.9550	0.11000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.4000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.4500	0.22000	7.0675	0.47232	0.09451	21	-3.42	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	6.4350	0.03000	7.0675	0.47232	0.09451	21	-1.34	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.6050	0.05000	7.0675	0.47232	0.09451	21	-0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.6500	0.10000	7.0675	0.47232	0.09451	21	-0.88	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.6550	0.19000	7.0675	0.47232	0.09451	21	-0.87	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.7200	0.16000	7.0675	0.47232	0.09451	21	-0.74	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2080	6.7500	0.10000	7.0675	0.47232	0.09451	21	-0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.9750	0.01000	7.0675	0.47232	0.09451	21	-0.20	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	7.0050	0.05000	7.0675	0.47232	0.09451	21	-0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.0450	0.09000	7.0675	0.47232	0.09451	21	-0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	7.0500	0.34000	7.0675	0.47232	0.09451	21	-0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	2126	7.1050	0.03000	7.0675	0.47232	0.09451	21	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.1200	0.08000	7.0675	0.47232	0.09451	21	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	7.2058	0.06470	7.0675	0.47232	0.09451	21	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	7.2850	0.01000	7.0675	0.47232	0.09451	21	0.46	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.3400	0.04000	7.0675	0.47232	0.09451	21	0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.4350	0.03000	7.0675	0.47232	0.09451	21	0.78	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.5450	0.27000	7.0675	0.47232	0.09451	21	1.01	3%	0

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001.99	Loss on Drying, Miscellaneous (%)	0720	7.5800	0.04000	7.0675	0.47232	0.09451	21	1.09	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.9050	0.07000	7.0675	0.47232	0.09451	21	1.77	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2066	8.3650	0.01000	7.0675	0.47232	0.09451	21	2.75	9%	0
002.00	Protein, Crude (%)	0169	16.895	0.07000	16.988	0.15735	0.23940	5	-0.59	0%	0
002.00	Protein, Crude (%)	0940	16.900	0.14000	16.988	0.15735	0.23940	5	-0.56	0%	0
002.00	Protein, Crude (%)	2109	17.170	0.02000	16.988	0.15735	0.23940	5	1.15	1%	0
002.00	Protein, Crude (%)	0581	17.660	0.88000	16.988	0.15735	0.23940	5	4.27	2%	0
002.00	Protein, Crude (%)	2128	20.011	0.08700	16.988	0.15735	0.23940	5	19.21	9%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	16.700	0.20000	17.215	0.19444	0.06330	13	-2.65	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	17.050	0.02000	17.215	0.19444	0.06330	13	-0.85	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	17.050	0.10000	17.215	0.19444	0.06330	13	-0.85	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	17.090	0.02000	17.215	0.19444	0.06330	13	-0.64	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	17.097	0.04400	17.215	0.19444	0.06330	13	-0.61	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	17.130	0.08900	17.215	0.19444	0.06330	13	-0.44	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	17.210	0.00000	17.215	0.19444	0.06330	13	-0.02	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	17.300	0.00000	17.215	0.19444	0.06330	13	0.44	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	17.335	0.01000	17.215	0.19444	0.06330	13	0.62	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	17.346	0.18800	17.215	0.19444	0.06330	13	0.67	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	17.350	0.10000	17.215	0.19444	0.06330	13	0.70	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	17.415	0.01000	17.215	0.19444	0.06330	13	1.03	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	17.497	0.04190	17.215	0.19444	0.06330	13	1.45	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	16.930	0.18000	17.274	0.32269	0.15363	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	17.322	0.12090	17.274	0.32269	0.15363	3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	17.570	0.16000	17.274	0.32269	0.15363	3			0
002.04	Protein, Copper Catalyst (%)	0405	16.800	0.00000	17.262	0.51794	0.21667	6	-0.89	1%	0
002.04	Protein, Copper Catalyst (%)	0187	16.885	0.11000	17.262	0.51794	0.21667	6	-0.73	1%	0
002.04	Protein, Copper Catalyst (%)	0874	16.940	0.02000	17.262	0.51794	0.21667	6	-0.62	1%	0
002.04	Protein, Copper Catalyst (%)	0504	17.400	0.18000	17.262	0.51794	0.21667	6	0.27	0%	0
002.04	Protein, Copper Catalyst (%)	2057	17.625	0.25000	17.262	0.51794	0.21667	6	0.70	1%	0
002.04	Protein, Copper Catalyst (%)	0728	17.920	0.74000	17.262	0.51794	0.21667	6	1.27	2%	0
002.05	Protein, Copper, Boric Acid (%)	0620	16.756	0.10570	17.197	0.23513	0.08246	27	-1.88	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	16.809	0.14500	17.197	0.23513	0.08246	27	-1.65	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	16.920	0.00000	17.197	0.23513	0.08246	27	-1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	16.950	0.04000	17.197	0.23513	0.08246	27	-1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	0623	17.010	0.36400	17.197	0.23513	0.08246	27	-0.80	1%	0
002.05	Protein, Copper, Boric Acid (%)	2126	17.015	0.09000	17.197	0.23513	0.08246	27	-0.78	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	17.040	0.04000	17.197	0.23513	0.08246	27	-0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	17.100	0.00000	17.197	0.23513	0.08246	27	-0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	17.110	0.00000	17.197	0.23513	0.08246	27	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	17.130	0.08000	17.197	0.23513	0.08246	27	-0.29	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	17.135	0.01000	17.197	0.23513	0.08246	27	-0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	17.160	0.02000	17.197	0.23513	0.08246	27	-0.16	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0948	17.175	0.07000	17.197	0.23513	0.08246	27	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	17.180	0.00000	17.197	0.23513	0.08246	27	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	17.185	0.05000	17.197	0.23513	0.08246	27	-0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	17.197	0.01770	17.197	0.23513	0.08246	27	0.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	17.212	0.13400	17.197	0.23513	0.08246	27	0.06	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	17.215	0.07000	17.197	0.23513	0.08246	27	0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	17.215	0.01000	17.197	0.23513	0.08246	27	0.08	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	17.330	0.06000	17.197	0.23513	0.08246	27	0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	17.395	0.05000	17.197	0.23513	0.08246	27	0.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	17.400	0.28000	17.197	0.23513	0.08246	27	0.86	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	17.420	0.04000	17.197	0.23513	0.08246	27	0.95	1%	0
002.05	Protein, Copper, Boric Acid (%)	2106	17.495	0.15000	17.197	0.23513	0.08246	27	1.27	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	17.590	0.02000	17.197	0.23513	0.08246	27	1.67	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	17.600	0.20000	17.197	0.23513	0.08246	27	1.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	17.600	0.18000	17.197	0.23513	0.08246	27	1.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	16.750	0.70000	17.197	0.23513	0.08246	27	-1.90	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	15.820	0.02000	17.558	0.30620	0.15296	125	-5.68	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	16.650	0.10000	17.558	0.30620	0.15296	125	-2.96	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	16.795	0.13000	17.558	0.30620	0.15296	125	-2.49	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	16.850	0.30000	17.558	0.30620	0.15296	125	-2.31	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	16.875	0.01000	17.558	0.30620	0.15296	125	-2.23	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	17.050	0.06000	17.558	0.30620	0.15296	125	-1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	17.115	0.11000	17.558	0.30620	0.15296	125	-1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	17.120	0.12000	17.558	0.30620	0.15296	125	-1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	17.125	0.43000	17.558	0.30620	0.15296	125	-1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	17.150	0.10000	17.558	0.30620	0.15296	125	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	17.170	0.02000	17.558	0.30620	0.15296	125	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	17.175	0.23000	17.558	0.30620	0.15296	125	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	17.175	0.15000	17.558	0.30620	0.15296	125	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	17.180	0.02000	17.558	0.30620	0.15296	125	-1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	17.200	0.00000	17.558	0.30620	0.15296	125	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2110	17.200	0.00000	17.558	0.30620	0.15296	125	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	17.215	0.31000	17.558	0.30620	0.15296	125	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	17.230	0.16000	17.558	0.30620	0.15296	125	-1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	17.265	0.21000	17.558	0.30620	0.15296	125	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	17.275	0.05000	17.558	0.30620	0.15296	125	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	17.275	0.27000	17.558	0.30620	0.15296	125	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.300	0.36000	17.558	0.30620	0.15296	125	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	17.300	0.00000	17.558	0.30620	0.15296	125	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	17.300	0.00000	17.558	0.30620	0.15296	125	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	17.325	0.11000	17.558	0.30620	0.15296	125	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	17.325	0.23000	17.558	0.30620	0.15296	125	-0.76	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	17.326	0.01250	17.558	0.30620	0.15296	125	-0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	17.335	0.07000	17.558	0.30620	0.15296	125	-0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	17.335	0.01000	17.558	0.30620	0.15296	125	-0.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	17.340	0.26000	17.558	0.30620	0.15296	125	-0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	17.350	0.30000	17.558	0.30620	0.15296	125	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.355	0.01000	17.558	0.30620	0.15296	125	-0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	17.360	0.20000	17.558	0.30620	0.15296	125	-0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	17.365	0.15000	17.558	0.30620	0.15296	125	-0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	17.370	0.14000	17.558	0.30620	0.15296	125	-0.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.375	0.00900	17.558	0.30620	0.15296	125	-0.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.400	0.40000	17.558	0.30620	0.15296	125	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	17.400	0.00000	17.558	0.30620	0.15296	125	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	17.406	0.10000	17.558	0.30620	0.15296	125	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	17.410	0.06000	17.558	0.30620	0.15296	125	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	17.440	0.08000	17.558	0.30620	0.15296	125	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	17.450	0.14000	17.558	0.30620	0.15296	125	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	17.450	0.10000	17.558	0.30620	0.15296	125	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.450	0.10000	17.558	0.30620	0.15296	125	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2080	17.450	0.10000	17.558	0.30620	0.15296	125	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	17.450	0.30000	17.558	0.30620	0.15296	125	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	17.460	0.00000	17.558	0.30620	0.15296	125	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	17.470	0.02000	17.558	0.30620	0.15296	125	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.480	0.02000	17.558	0.30620	0.15296	125	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	17.480	0.16000	17.558	0.30620	0.15296	125	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	17.485	0.01000	17.558	0.30620	0.15296	125	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.500	0.60000	17.558	0.30620	0.15296	125	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	17.500	0.20000	17.558	0.30620	0.15296	125	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	17.500	0.20000	17.558	0.30620	0.15296	125	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	17.505	0.15000	17.558	0.30620	0.15296	125	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	17.505	0.05000	17.558	0.30620	0.15296	125	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	17.520	0.14000	17.558	0.30620	0.15296	125	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	17.530	0.02000	17.558	0.30620	0.15296	125	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	17.530	0.04000	17.558	0.30620	0.15296	125	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2126	17.530	0.04000	17.558	0.30620	0.15296	125	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.535	0.03000	17.558	0.30620	0.15296	125	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	17.535	0.05000	17.558	0.30620	0.15296	125	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	17.545	0.01000	17.558	0.30620	0.15296	125	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	17.545	0.09000	17.558	0.30620	0.15296	125	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	17.550	0.30000	17.558	0.30620	0.15296	125	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.550	0.10000	17.558	0.30620	0.15296	125	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	17.550	0.10000	17.558	0.30620	0.15296	125	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.555	0.17000	17.558	0.30620	0.15296	125	-0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	17.565	0.13000	17.558	0.30620	0.15296	125	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	17.570	0.06000	17.558	0.30620	0.15296	125	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	17.570	0.12000	17.558	0.30620	0.15296	125	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	17.571	0.20700	17.558	0.30620	0.15296	125	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	17.580	0.06000	17.558	0.30620	0.15296	125	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	17.600	0.20000	17.558	0.30620	0.15296	125	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	17.600	0.20000	17.558	0.30620	0.15296	125	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	17.605	0.05300	17.558	0.30620	0.15296	125	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	17.620	0.24000	17.558	0.30620	0.15296	125	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	17.650	0.10000	17.558	0.30620	0.15296	125	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	17.650	0.10000	17.558	0.30620	0.15296	125	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	17.650	0.10000	17.558	0.30620	0.15296	125	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	17.650	0.22000	17.558	0.30620	0.15296	125	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	17.660	0.22000	17.558	0.30620	0.15296	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	17.660	0.24000	17.558	0.30620	0.15296	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	17.660	0.00000	17.558	0.30620	0.15296	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	17.660	0.06000	17.558	0.30620	0.15296	125	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	17.668	0.02900	17.558	0.30620	0.15296	125	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.675	0.15000	17.558	0.30620	0.15296	125	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.675	0.01000	17.558	0.30620	0.15296	125	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	17.675	0.03000	17.558	0.30620	0.15296	125	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	17.685	0.28600	17.558	0.30620	0.15296	125	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	17.700	0.28000	17.558	0.30620	0.15296	125	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	17.700	0.20000	17.558	0.30620	0.15296	125	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	17.730	0.16000	17.558	0.30620	0.15296	125	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	17.736	0.27500	17.558	0.30620	0.15296	125	0.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	17.790	0.00000	17.558	0.30620	0.15296	125	0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	17.800	0.20000	17.558	0.30620	0.15296	125	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	17.800	0.36000	17.558	0.30620	0.15296	125	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	17.807	0.09300	17.558	0.30620	0.15296	125	0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	17.809	0.02700	17.558	0.30620	0.15296	125	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	17.813	0.19200	17.558	0.30620	0.15296	125	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	17.822	0.04100	17.558	0.30620	0.15296	125	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.830	0.10000	17.558	0.30620	0.15296	125	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	17.830	0.40000	17.558	0.30620	0.15296	125	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	17.855	0.09000	17.558	0.30620	0.15296	125	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	17.862	0.07400	17.558	0.30620	0.15296	125	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	17.870	0.10000	17.558	0.30620	0.15296	125	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	17.885	0.01000	17.558	0.30620	0.15296	125	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2033	17.885	0.13000	17.558	0.30620	0.15296	125	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	17.930	0.04000	17.558	0.30620	0.15296	125	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	17.945	0.03000	17.558	0.30620	0.15296	125	1.26	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			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	17.995	0.53000	17.558	0.30620	0.15296	125	1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	18.020	0.76000	17.558	0.30620	0.15296	125	1.51	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	18.055	0.11000	17.558	0.30620	0.15296	125	1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	18.070	0.10000	17.558	0.30620	0.15296	125	1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	18.150	0.10000	17.558	0.30620	0.15296	125	1.93	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	18.160	0.82000	17.558	0.30620	0.15296	125	1.97	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	18.176	0.45300	17.558	0.30620	0.15296	125	2.02	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	18.195	0.01000	17.558	0.30620	0.15296	125	2.08	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	18.230	0.70000	17.558	0.30620	0.15296	125	2.20	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	18.315	0.21000	17.558	0.30620	0.15296	125	2.47	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	18.325	0.11000	17.558	0.30620	0.15296	125	2.51	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	18.330	0.02000	17.558	0.30620	0.15296	125	2.52	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	18.330	0.70000	17.558	0.30620	0.15296	125	2.52	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	18.365	0.09000	17.558	0.30620	0.15296	125	2.64	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	19.862	0.24900	17.558	0.30620	0.15296	125	7.52	7%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	13.790	7.5600	17.558	0.30620	0.15296	125	-12.30	11%	2
002.08	Protein, Cu/Ti (%)	0098	16.905	0.15000	17.147	0.26922	0.23830	3			0
002.08	Protein, Cu/Ti (%)	0208	17.100	0.00000	17.147	0.26922	0.23830	3			0
002.08	Protein, Cu/Ti (%)	0563	17.437	0.56490	17.147	0.26922	0.23830	3			0
002.10	Protein, Block dig/distillation (%)	0629	17.760	0.14000				1			0
002.11	Protein, NIR (%)	0596	16.900	0.26000	20.379	2.1484	0.24942	9	-1.62	9%	0
002.11	Protein, NIR (%)	0889	17.640	0.26000	20.379	2.1484	0.24942	9	-1.28	7%	0
002.11	Protein, NIR (%)	0852	19.915	0.19000	20.379	2.1484	0.24942	9	-0.22	1%	0
002.11	Protein, NIR (%)	0034	20.380	0.28000	20.379	2.1484	0.24942	9	0.00	0%	0
002.11	Protein, NIR (%)	0613	20.820	0.06000	20.379	2.1484	0.24942	9	0.21	1%	0
002.11	Protein, NIR (%)	0297	20.970	0.36000	20.379	2.1484	0.24942	9	0.27	1%	0
002.11	Protein, NIR (%)	2128	21.738	0.56480	20.379	2.1484	0.24942	9	0.63	3%	0
002.11	Protein, NIR (%)	2121	22.205	0.23000	20.379	2.1484	0.24942	9	0.85	4%	0
002.11	Protein, NIR (%)	2120	22.590	0.04000	20.379	2.1484	0.24942	9	1.03	5%	0
002.99	Protein, Miscellaneous (%)	0681	16.420	0.30000	17.176	0.60478	0.17750	4	-1.25	2%	0
002.99	Protein, Miscellaneous (%)	0643	17.170	0.04000	17.176	0.60478	0.17750	4	-0.01	0%	0
002.99	Protein, Miscellaneous (%)	0644	17.215	0.17000	17.176	0.60478	0.17750	4	0.06	0%	0
002.99	Protein, Miscellaneous (%)	2004	17.900	0.20000	17.176	0.60478	0.17750	4	1.20	2%	0
003.00	Fat, Eth Ext., Direct (%)	2106	2.4050	0.19000	2.8006	0.19357	0.12929	15	-2.04	7%	0
003.00	Fat, Eth Ext., Direct (%)	0884	2.4500	0.10000	2.8006	0.19357	0.12929	15	-1.81	6%	0
003.00	Fat, Eth Ext., Direct (%)	0615	2.6350	0.23000	2.8006	0.19357	0.12929	15	-0.86	3%	0
003.00	Fat, Eth Ext., Direct (%)	0026	2.6650	0.07000	2.8006	0.19357	0.12929	15	-0.70	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	2.7221	0.19580	2.8006	0.19357	0.12929	15	-0.41	1%	0
003.00	Fat, Eth Ext., Direct (%)	2033	2.7350	0.11000	2.8006	0.19357	0.12929	15	-0.34	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	2.7500	0.02000	2.8006	0.19357	0.12929	15	-0.26	1%	0
003.00	Fat, Eth Ext., Direct (%)	0596	2.8300	0.60000	2.8006	0.19357	0.12929	15	0.15	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	2.8650	0.01000	2.8006	0.19357	0.12929	15	0.33	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			
003.00	Fat, Eth Ext., Direct (%)	0175	2.8700	0.14000	2.8006	0.19357	0.12929	15	0.36	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.9400	0.06000	2.8006	0.19357	0.12929	15	0.72	2%	0
003.00	Fat, Eth Ext., Direct (%)	0345	2.9700	0.06000	2.8006	0.19357	0.12929	15	0.87	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	2.9850	0.05000	2.8006	0.19357	0.12929	15	0.95	3%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.0050	0.01000	2.8006	0.19357	0.12929	15	1.06	4%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.0169	0.09350	2.8006	0.19357	0.12929	15	1.12	4%	0
003.00	Fat, Eth Ext., Direct (%)	0876	2.5200	1.0400	2.8006	0.19357	0.12929	15	-1.45	5%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	2.7169	0.11330				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	2.7650	0.03000				2			0
003.06	Fat, Pet Ether (%)	2033	2.2000	0.02000	2.6705	0.27019	0.13656	16	-1.74	9%	0
003.06	Fat, Pet Ether (%)	0425	2.3850	0.05000	2.6705	0.27019	0.13656	16	-1.06	5%	0
003.06	Fat, Pet Ether (%)	0918	2.4700	0.06000	2.6705	0.27019	0.13656	16	-0.74	4%	0
003.06	Fat, Pet Ether (%)	0552	2.4950	0.39000	2.6705	0.27019	0.13656	16	-0.65	3%	0
003.06	Fat, Pet Ether (%)	0687	2.5250	0.25000	2.6705	0.27019	0.13656	16	-0.54	3%	0
003.06	Fat, Pet Ether (%)	0297	2.5500	0.00000	2.6705	0.27019	0.13656	16	-0.45	2%	0
003.06	Fat, Pet Ether (%)	0148	2.6000	0.04000	2.6705	0.27019	0.13656	16	-0.26	1%	0
003.06	Fat, Pet Ether (%)	0682	2.6000	0.00000	2.6705	0.27019	0.13656	16	-0.26	1%	0
003.06	Fat, Pet Ether (%)	0910	2.6500	0.10000	2.6705	0.27019	0.13656	16	-0.08	0%	0
003.06	Fat, Pet Ether (%)	0294	2.6900	0.02000	2.6705	0.27019	0.13656	16	0.07	0%	0
003.06	Fat, Pet Ether (%)	0563	2.7169	0.11330	2.6705	0.27019	0.13656	16	0.17	1%	0
003.06	Fat, Pet Ether (%)	0689	2.7500	0.10000	2.6705	0.27019	0.13656	16	0.29	1%	0
003.06	Fat, Pet Ether (%)	0511	2.8850	0.37000	2.6705	0.27019	0.13656	16	0.79	4%	0
003.06	Fat, Pet Ether (%)	0083	2.9950	0.03000	2.6705	0.27019	0.13656	16	1.20	6%	0
003.06	Fat, Pet Ether (%)	0852	3.9000	0.20000	2.6705	0.27019	0.13656	16	4.55	23%	0
003.06	Fat, Pet Ether (%)	0620	4.6706	0.44160	2.6705	0.27019	0.13656	16	7.40	37%	0
003.06	Fat, Pet Ether (%)	0074	3.6300	1.2200	2.6705	0.27019	0.13656	16	3.55	18%	1
003.09	Fat, Soxtec, Eth Ext (%)	2012	2.2500	0.04000	2.7546	0.14447	0.05422	18	-3.49	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	2.5750	0.07000	2.7546	0.14447	0.05422	18	-1.24	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	2.5800	0.00000	2.7546	0.14447	0.05422	18	-1.21	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	2.6170	0.10600	2.7546	0.14447	0.05422	18	-0.95	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	2.6650	0.03000	2.7546	0.14447	0.05422	18	-0.62	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	2.7000	0.00000	2.7546	0.14447	0.05422	18	-0.38	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	2.7050	0.01000	2.7546	0.14447	0.05422	18	-0.34	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	2.7250	0.05000	2.7546	0.14447	0.05422	18	-0.20	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	2.7700	0.00000	2.7546	0.14447	0.05422	18	0.11	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	2.7900	0.00000	2.7546	0.14447	0.05422	18	0.25	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	2.7950	0.07000	2.7546	0.14447	0.05422	18	0.28	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.7950	0.09000	2.7546	0.14447	0.05422	18	0.28	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	2.8250	0.09000	2.7546	0.14447	0.05422	18	0.49	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	2.8500	0.10000	2.7546	0.14447	0.05422	18	0.66	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	2.8500	0.10000	2.7546	0.14447	0.05422	18	0.66	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	2.8600	0.02000	2.7546	0.14447	0.05422	18	0.73	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			
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.2300	0.14000	2.7546	0.14447	0.05422	18	3.29	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.2500	0.06000	2.7546	0.14447	0.05422	18	3.43	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	1.5850	0.15000	2.4571	0.32342	0.09279	34	-2.70	18%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	1.7565	0.23500	2.4571	0.32342	0.09279	34	-2.17	14%	0
003.10	Fat, Soxtec, Pet Ether (%)	2126	1.8050	0.03000	2.4571	0.32342	0.09279	34	-2.02	13%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	2.0300	0.06000	2.4571	0.32342	0.09279	34	-1.32	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0875	2.2050	0.05000	2.4571	0.32342	0.09279	34	-0.78	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.2100	0.02000	2.4571	0.32342	0.09279	34	-0.76	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.2300	0.04000	2.4571	0.32342	0.09279	34	-0.70	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	2.2800	0.00000	2.4571	0.32342	0.09279	34	-0.55	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	2.2950	0.01000	2.4571	0.32342	0.09279	34	-0.50	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.3150	0.01000	2.4571	0.32342	0.09279	34	-0.44	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.3200	0.16000	2.4571	0.32342	0.09279	34	-0.42	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.3350	0.33000	2.4571	0.32342	0.09279	34	-0.38	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.3431	0.00550	2.4571	0.32342	0.09279	34	-0.35	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	2.3600	0.06000	2.4571	0.32342	0.09279	34	-0.30	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	2.3695	0.17700	2.4571	0.32342	0.09279	34	-0.27	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	2.3750	0.17000	2.4571	0.32342	0.09279	34	-0.25	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	2.3850	0.35000	2.4571	0.32342	0.09279	34	-0.22	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	2.3850	0.05000	2.4571	0.32342	0.09279	34	-0.22	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.4650	0.03000	2.4571	0.32342	0.09279	34	0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.4881	0.02380	2.4571	0.32342	0.09279	34	0.10	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	2.4900	0.24000	2.4571	0.32342	0.09279	34	0.10	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	2.5000	0.04000	2.4571	0.32342	0.09279	34	0.13	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	2.5450	0.11000	2.4571	0.32342	0.09279	34	0.27	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	2.5550	0.01000	2.4571	0.32342	0.09279	34	0.30	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0160	2.5980	0.00090	2.4571	0.32342	0.09279	34	0.44	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	2.6350	0.01000	2.4571	0.32342	0.09279	34	0.55	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	2.6900	0.10000	2.4571	0.32342	0.09279	34	0.72	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	2.7500	0.30000	2.4571	0.32342	0.09279	34	0.91	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	2.8462	0.16980	2.4571	0.32342	0.09279	34	1.20	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	2.8820	0.00600	2.4571	0.32342	0.09279	34	1.31	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	2.9165	0.02700	2.4571	0.32342	0.09279	34	1.42	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	2.9700	0.10000	2.4571	0.32342	0.09279	34	1.59	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.1850	0.03000	2.4571	0.32342	0.09279	34	2.25	15%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	4.5350	0.05000	2.4571	0.32342	0.09279	34	6.42	42%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	22.150	0.90000	2.4571	0.32342	0.09279	34	60.89	401%	2
003.11	Fat, NIR (%)	0889	2.2550	0.01000	3.1336	0.90106	0.02429	7	-0.98	14%	0
003.11	Fat, NIR (%)	0613	2.3550	0.01000	3.1336	0.90106	0.02429	7	-0.86	12%	0
003.11	Fat, NIR (%)	0297	2.5250	0.01000	3.1336	0.90106	0.02429	7	-0.68	10%	0
003.11	Fat, NIR (%)	2121	3.3500	0.04000	3.1336	0.90106	0.02429	7	0.24	3%	0
003.11	Fat, NIR (%)	2120	3.3900	0.04000	3.1336	0.90106	0.02429	7	0.28	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
003.11	Fat, NIR (%)	0852	3.6300	0.06000	3.1336	0.90106	0.02429	7	0.55	8%	0
003.11	Fat, NIR (%)	0596	4.4300	0.00000	3.1336	0.90106	0.02429	7	1.44	21%	0
003.11	Fat, NIR (%)	0034	1.9050	0.17000	3.1336	0.90106	0.02429	7	-1.36	20%	1
003.12	Fat, Hexane Ext (%)	0897	2.3000	0.00000	2.6000	0.33723	0.08000	3			0
003.12	Fat, Hexane Ext (%)	0171	2.5350	0.03000	2.6000	0.33723	0.08000	3			0
003.12	Fat, Hexane Ext (%)	0940	2.9650	0.21000	2.6000	0.33723	0.08000	3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.2300	0.26000	2.4939	0.25869	0.09414	7	-1.02	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	2.2600	0.06000	2.4939	0.25869	0.09414	7	-0.90	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.3500	0.10000	2.4939	0.25869	0.09414	7	-0.56	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	2.5175	0.01900	2.4939	0.25869	0.09414	7	0.09	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	2.5600	0.02000	2.4939	0.25869	0.09414	7	0.26	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.7000	0.04000	2.4939	0.25869	0.09414	7	0.80	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	2.8400	0.16000	2.4939	0.25869	0.09414	7	1.34	7%	0
003.14	Fat, Ankom (%)	0613	1.9250	0.39000	2.5599	0.26204	0.09593	38	-2.42	12%	0
003.14	Fat, Ankom (%)	2129	1.9300	0.22000	2.5599	0.26204	0.09593	38	-2.40	12%	0
003.14	Fat, Ankom (%)	0574	2.0400	0.02000	2.5599	0.26204	0.09593	38	-1.98	10%	0
003.14	Fat, Ankom (%)	0004	2.1450	0.25000	2.5599	0.26204	0.09593	38	-1.58	8%	0
003.14	Fat, Ankom (%)	0019	2.2150	0.23000	2.5599	0.26204	0.09593	38	-1.32	7%	0
003.14	Fat, Ankom (%)	0034	2.2950	0.17000	2.5599	0.26204	0.09593	38	-1.01	5%	0
003.14	Fat, Ankom (%)	0357	2.3500	0.30000	2.5599	0.26204	0.09593	38	-0.80	4%	0
003.14	Fat, Ankom (%)	0144	2.3950	0.03000	2.5599	0.26204	0.09593	38	-0.63	3%	0
003.14	Fat, Ankom (%)	0202	2.4250	0.01000	2.5599	0.26204	0.09593	38	-0.51	3%	0
003.14	Fat, Ankom (%)	0529	2.4250	0.05000	2.5599	0.26204	0.09593	38	-0.51	3%	0
003.14	Fat, Ankom (%)	0581	2.4250	0.09000	2.5599	0.26204	0.09593	38	-0.51	3%	0
003.14	Fat, Ankom (%)	0066	2.4300	0.10000	2.5599	0.26204	0.09593	38	-0.50	3%	0
003.14	Fat, Ankom (%)	0037	2.4500	0.00000	2.5599	0.26204	0.09593	38	-0.42	2%	0
003.14	Fat, Ankom (%)	0265	2.4700	0.24000	2.5599	0.26204	0.09593	38	-0.34	2%	0
003.14	Fat, Ankom (%)	0089	2.4700	0.00000	2.5599	0.26204	0.09593	38	-0.34	2%	0
003.14	Fat, Ankom (%)	0948	2.4800	0.02000	2.5599	0.26204	0.09593	38	-0.30	2%	0
003.14	Fat, Ankom (%)	0278	2.5000	0.00000	2.5599	0.26204	0.09593	38	-0.23	1%	0
003.14	Fat, Ankom (%)	0955	2.5150	0.09000	2.5599	0.26204	0.09593	38	-0.17	1%	0
003.14	Fat, Ankom (%)	0108	2.5350	0.01000	2.5599	0.26204	0.09593	38	-0.09	0%	0
003.14	Fat, Ankom (%)	0956	2.5500	0.10000	2.5599	0.26204	0.09593	38	-0.04	0%	0
003.14	Fat, Ankom (%)	0175	2.5750	0.21000	2.5599	0.26204	0.09593	38	0.06	0%	0
003.14	Fat, Ankom (%)	0358	2.6200	0.12000	2.5599	0.26204	0.09593	38	0.23	1%	0
003.14	Fat, Ankom (%)	0049	2.6350	0.23000	2.5599	0.26204	0.09593	38	0.29	1%	0
003.14	Fat, Ankom (%)	0937	2.6350	0.05000	2.5599	0.26204	0.09593	38	0.29	1%	0
003.14	Fat, Ankom (%)	0407	2.6839	0.00000	2.5599	0.26204	0.09593	38	0.47	2%	0
003.14	Fat, Ankom (%)	0843	2.6850	0.13000	2.5599	0.26204	0.09593	38	0.48	2%	0
003.14	Fat, Ankom (%)	0229	2.6900	0.02000	2.5599	0.26204	0.09593	38	0.50	3%	0
003.14	Fat, Ankom (%)	0598	2.7100	0.08000	2.5599	0.26204	0.09593	38	0.57	3%	0
003.14	Fat, Ankom (%)	0563	2.7169	0.11330	2.5599	0.26204	0.09593	38	0.60	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
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003.14	Fat, Ankom (%)	0848	2.7250	0.05000	2.5599	0.26204	0.09593	38	0.63	3%	0
003.14	Fat, Ankom (%)	0968	2.7310	0.07200	2.5599	0.26204	0.09593	38	0.65	3%	0
003.14	Fat, Ankom (%)	0683	2.7650	0.03000	2.5599	0.26204	0.09593	38	0.78	4%	0
003.14	Fat, Ankom (%)	0413	2.8500	0.10000	2.5599	0.26204	0.09593	38	1.11	6%	0
003.14	Fat, Ankom (%)	0009	2.8950	0.01000	2.5599	0.26204	0.09593	38	1.28	7%	0
003.14	Fat, Ankom (%)	0726	2.9150	0.01000	2.5599	0.26204	0.09593	38	1.36	7%	0
003.14	Fat, Ankom (%)	2075	2.9400	0.00000	2.5599	0.26204	0.09593	38	1.45	7%	0
003.14	Fat, Ankom (%)	0619	2.9800	0.08000	2.5599	0.26204	0.09593	38	1.60	8%	0
003.14	Fat, Ankom (%)	0190	3.1600	0.02000	2.5599	0.26204	0.09593	38	2.29	12%	0
003.14	Fat, Ankom (%)	0692	3.0500	0.90000	2.5599	0.26204	0.09593	38	1.87	10%	1
003.99	Fat, Miscellaneous (%)	0047	2.5050	0.01000	2.7633	0.43024	0.00667	3			0
003.99	Fat, Miscellaneous (%)	0644	2.5250	0.01000	2.7633	0.43024	0.00667	3			0
003.99	Fat, Miscellaneous (%)	1019	3.2600	0.00000	2.7633	0.43024	0.00667	3			0
004.00	Fiber, Crude, Asbestos Free (%)	0681	15.385	0.03000	16.996	0.63478	0.15066	18	-2.54	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0183	16.165	0.25600	16.996	0.63478	0.15066	18	-1.31	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	16.300	0.00000	16.996	0.63478	0.15066	18	-1.10	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	16.550	0.10000	16.996	0.63478	0.15066	18	-0.70	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	16.650	0.10000	16.996	0.63478	0.15066	18	-0.54	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	16.750	0.26000	16.996	0.63478	0.15066	18	-0.39	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	16.850	0.10000	16.996	0.63478	0.15066	18	-0.23	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	16.850	0.10000	16.996	0.63478	0.15066	18	-0.23	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	16.950	0.02000	16.996	0.63478	0.15066	18	-0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	17.000	0.20000	16.996	0.63478	0.15066	18	0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	17.055	0.25580	16.996	0.63478	0.15066	18	0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	17.135	0.21000	16.996	0.63478	0.15066	18	0.22	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	17.150	0.10000	16.996	0.63478	0.15066	18	0.24	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	17.290	0.14000	16.996	0.63478	0.15066	18	0.46	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	17.500	0.20000	16.996	0.63478	0.15066	18	0.79	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	17.800	0.60000	16.996	0.63478	0.15066	18	1.27	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	17.935	0.01000	16.996	0.63478	0.15066	18	1.48	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	18.115	0.03000	16.996	0.63478	0.15066	18	1.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	19.825	1.9900	16.996	0.63478	0.15066	18	4.46	8%	1
004.01	Fiber, Sing Filt (%)	0366	16.450	1.1000				2			0
004.01	Fiber, Sing Filt (%)	0045	17.600	0.60000				2			0
004.03	Fiber, Fritted Glass (%)	2089	12.145	0.63000	16.385	2.5636	1.0319	5	-1.65	13%	0
004.03	Fiber, Fritted Glass (%)	0353	16.260	0.20000	16.385	2.5636	1.0319	5	-0.05	0%	0
004.03	Fiber, Fritted Glass (%)	2033	16.950	0.90000	16.385	2.5636	1.0319	5	0.22	2%	0
004.03	Fiber, Fritted Glass (%)	0693	17.670	1.1296	16.385	2.5636	1.0319	5	0.50	4%	0
004.03	Fiber, Fritted Glass (%)	0626	18.900	2.3000	16.385	2.5636	1.0319	5	0.98	8%	0
004.06	Fiber, Fibertec (%)	0885	15.909	0.06670	16.667	0.40901	0.14520	23	-1.85	2%	0
004.06	Fiber, Fibertec (%)	0918	15.930	0.24000	16.667	0.40901	0.14520	23	-1.80	2%	0
004.06	Fiber, Fibertec (%)	0098	16.120	0.24000	16.667	0.40901	0.14520	23	-1.34	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0590	16.315	0.03000	16.667	0.40901	0.14520	23	-0.86	1%	0
004.06	Fiber, Fibertec (%)	0941	16.440	0.20000	16.667	0.40901	0.14520	23	-0.55	1%	0
004.06	Fiber, Fibertec (%)	2080	16.450	0.10000	16.667	0.40901	0.14520	23	-0.53	1%	0
004.06	Fiber, Fibertec (%)	2022	16.490	0.16000	16.667	0.40901	0.14520	23	-0.43	1%	0
004.06	Fiber, Fibertec (%)	0868	16.500	0.06000	16.667	0.40901	0.14520	23	-0.41	1%	0
004.06	Fiber, Fibertec (%)	0897	16.575	0.01000	16.667	0.40901	0.14520	23	-0.22	0%	0
004.06	Fiber, Fibertec (%)	0948	16.580	0.06000	16.667	0.40901	0.14520	23	-0.21	0%	0
004.06	Fiber, Fibertec (%)	2068	16.580	0.00000	16.667	0.40901	0.14520	23	-0.21	0%	0
004.06	Fiber, Fibertec (%)	0689	16.600	0.20000	16.667	0.40901	0.14520	23	-0.16	0%	0
004.06	Fiber, Fibertec (%)	0881	16.636	0.28000	16.667	0.40901	0.14520	23	-0.08	0%	0
004.06	Fiber, Fibertec (%)	0675	16.725	0.49000	16.667	0.40901	0.14520	23	0.14	0%	0
004.06	Fiber, Fibertec (%)	0205	16.800	0.20000	16.667	0.40901	0.14520	23	0.33	0%	0
004.06	Fiber, Fibertec (%)	0027	16.825	0.43000	16.667	0.40901	0.14520	23	0.39	0%	0
004.06	Fiber, Fibertec (%)	0609	16.850	0.06000	16.667	0.40901	0.14520	23	0.45	1%	0
004.06	Fiber, Fibertec (%)	0723	16.857	0.00000	16.667	0.40901	0.14520	23	0.46	1%	0
004.06	Fiber, Fibertec (%)	0674	16.990	0.00000	16.667	0.40901	0.14520	23	0.79	1%	0
004.06	Fiber, Fibertec (%)	0952	17.055	0.05000	16.667	0.40901	0.14520	23	0.95	1%	0
004.06	Fiber, Fibertec (%)	2006	17.315	0.25000	16.667	0.40901	0.14520	23	1.59	2%	0
004.06	Fiber, Fibertec (%)	0676	17.370	0.02000	16.667	0.40901	0.14520	23	1.72	2%	0
004.06	Fiber, Fibertec (%)	0968	17.560	0.19300	16.667	0.40901	0.14520	23	2.18	3%	0
004.06	Fiber, Fibertec (%)	0728	18.255	0.73000	16.667	0.40901	0.14520	23	3.88	5%	1
004.07	Fiber, ANKOM (%)	0505	15.190	0.38000	16.827	1.0938	0.36993	58	-1.50	5%	0
004.07	Fiber, ANKOM (%)	0619	15.200	0.40000	16.827	1.0938	0.36993	58	-1.49	5%	0
004.07	Fiber, ANKOM (%)	0413	15.250	0.30000	16.827	1.0938	0.36993	58	-1.44	5%	0
004.07	Fiber, ANKOM (%)	0904	15.410	0.56000	16.827	1.0938	0.36993	58	-1.30	4%	0
004.07	Fiber, ANKOM (%)	0726	15.450	0.10000	16.827	1.0938	0.36993	58	-1.26	4%	0
004.07	Fiber, ANKOM (%)	0510	15.650	0.10000	16.827	1.0938	0.36993	58	-1.08	3%	0
004.07	Fiber, ANKOM (%)	2012	15.655	0.79000	16.827	1.0938	0.36993	58	-1.07	3%	0
004.07	Fiber, ANKOM (%)	0297	15.666	0.68900	16.827	1.0938	0.36993	58	-1.06	3%	0
004.07	Fiber, ANKOM (%)	0004	15.710	0.96000	16.827	1.0938	0.36993	58	-1.02	3%	0
004.07	Fiber, ANKOM (%)	0861	15.830	0.62000	16.827	1.0938	0.36993	58	-0.91	3%	0
004.07	Fiber, ANKOM (%)	0683	15.940	0.18000	16.827	1.0938	0.36993	58	-0.81	3%	0
004.07	Fiber, ANKOM (%)	0910	15.950	0.30000	16.827	1.0938	0.36993	58	-0.80	3%	0
004.07	Fiber, ANKOM (%)	0202	15.995	0.11000	16.827	1.0938	0.36993	58	-0.76	2%	0
004.07	Fiber, ANKOM (%)	0937	16.095	0.13000	16.827	1.0938	0.36993	58	-0.67	2%	0
004.07	Fiber, ANKOM (%)	0019	16.135	0.01000	16.827	1.0938	0.36993	58	-0.63	2%	0
004.07	Fiber, ANKOM (%)	0278	16.200	0.80000	16.827	1.0938	0.36993	58	-0.57	2%	0
004.07	Fiber, ANKOM (%)	0098	16.205	0.77000	16.827	1.0938	0.36993	58	-0.57	2%	0
004.07	Fiber, ANKOM (%)	0035	16.235	0.47000	16.827	1.0938	0.36993	58	-0.54	2%	0
004.07	Fiber, ANKOM (%)	0848	16.270	0.10000	16.827	1.0938	0.36993	58	-0.51	2%	0
004.07	Fiber, ANKOM (%)	0948	16.355	0.13000	16.827	1.0938	0.36993	58	-0.43	1%	0
004.07	Fiber, ANKOM (%)	0956	16.400	0.20000	16.827	1.0938	0.36993	58	-0.39	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	
004.07	Fiber, ANKOM (%)	0100	16.415	0.05000	16.827	1.0938	0.36993	58	-0.38	1%	0
004.07	Fiber, ANKOM (%)	2126	16.425	0.09000	16.827	1.0938	0.36993	58	-0.37	1%	0
004.07	Fiber, ANKOM (%)	0033	16.550	0.10000	16.827	1.0938	0.36993	58	-0.25	1%	0
004.07	Fiber, ANKOM (%)	0529	16.565	0.07000	16.827	1.0938	0.36993	58	-0.24	1%	0
004.07	Fiber, ANKOM (%)	0160	16.570	1.8476	16.827	1.0938	0.36993	58	-0.24	1%	0
004.07	Fiber, ANKOM (%)	2109	16.630	0.06000	16.827	1.0938	0.36993	58	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0294	16.650	0.10000	16.827	1.0938	0.36993	58	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0096	16.800	0.20000	16.827	1.0938	0.36993	58	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0876	16.800	0.20000	16.827	1.0938	0.36993	58	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0009	16.810	0.04000	16.827	1.0938	0.36993	58	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0653	16.850	0.22000	16.827	1.0938	0.36993	58	0.02	0%	0
004.07	Fiber, ANKOM (%)	2053	16.850	0.14000	16.827	1.0938	0.36993	58	0.02	0%	0
004.07	Fiber, ANKOM (%)	0190	16.900	0.20000	16.827	1.0938	0.36993	58	0.07	0%	0
004.07	Fiber, ANKOM (%)	0074	16.985	1.0500	16.827	1.0938	0.36993	58	0.14	0%	0
004.07	Fiber, ANKOM (%)	0682	17.000	0.00000	16.827	1.0938	0.36993	58	0.16	1%	0
004.07	Fiber, ANKOM (%)	0066	17.060	0.12000	16.827	1.0938	0.36993	58	0.21	1%	0
004.07	Fiber, ANKOM (%)	0083	17.060	0.02000	16.827	1.0938	0.36993	58	0.21	1%	0
004.07	Fiber, ANKOM (%)	0042	17.075	0.27000	16.827	1.0938	0.36993	58	0.23	1%	0
004.07	Fiber, ANKOM (%)	0265	17.135	0.09000	16.827	1.0938	0.36993	58	0.28	1%	0
004.07	Fiber, ANKOM (%)	0553	17.205	1.0700	16.827	1.0938	0.36993	58	0.35	1%	0
004.07	Fiber, ANKOM (%)	0581	17.350	0.50000	16.827	1.0938	0.36993	58	0.48	2%	0
004.07	Fiber, ANKOM (%)	0955	17.400	0.20000	16.827	1.0938	0.36993	58	0.52	2%	0
004.07	Fiber, ANKOM (%)	0229	17.450	0.10000	16.827	1.0938	0.36993	58	0.57	2%	0
004.07	Fiber, ANKOM (%)	0300	17.555	1.4528	16.827	1.0938	0.36993	58	0.67	2%	0
004.07	Fiber, ANKOM (%)	0089	17.615	0.19000	16.827	1.0938	0.36993	58	0.72	2%	0
004.07	Fiber, ANKOM (%)	0552	17.695	0.39000	16.827	1.0938	0.36993	58	0.79	3%	0
004.07	Fiber, ANKOM (%)	2075	17.800	0.40000	16.827	1.0938	0.36993	58	0.89	3%	0
004.07	Fiber, ANKOM (%)	0354	18.035	0.17000	16.827	1.0938	0.36993	58	1.10	4%	0
004.07	Fiber, ANKOM (%)	0034	18.215	0.57000	16.827	1.0938	0.36993	58	1.27	4%	0
004.07	Fiber, ANKOM (%)	0968	18.565	0.11000	16.827	1.0938	0.36993	58	1.59	5%	0
004.07	Fiber, ANKOM (%)	0613	18.900	1.8000	16.827	1.0938	0.36993	58	1.89	6%	0
004.07	Fiber, ANKOM (%)	0708	19.095	0.07000	16.827	1.0938	0.36993	58	2.07	7%	0
004.07	Fiber, ANKOM (%)	0643	19.355	0.17000	16.827	1.0938	0.36993	58	2.31	8%	0
004.07	Fiber, ANKOM (%)	0407	19.486	0.35550	16.827	1.0938	0.36993	58	2.43	8%	0
004.07	Fiber, ANKOM (%)	0144	19.505	0.17000	16.827	1.0938	0.36993	58	2.45	8%	0
004.07	Fiber, ANKOM (%)	0032	19.680	0.04000	16.827	1.0938	0.36993	58	2.61	8%	0
004.07	Fiber, ANKOM (%)	0563	19.797	0.73080	16.827	1.0938	0.36993	58	2.72	9%	0
004.07	Fiber, ANKOM (%)	0692	16.600	2.6000	16.827	1.0938	0.36993	58	-0.21	1%	1
004.07	Fiber, ANKOM (%)	0003	17.260	2.3000	16.827	1.0938	0.36993	58	0.40	1%	1
004.07	Fiber, ANKOM (%)	0026	18.785	2.3900	16.827	1.0938	0.36993	58	1.79	6%	1
004.11	Fiber, NIR (%)	2121	11.740	0.02000	14.665	2.7161	0.11333	6	-1.08	10%	0
004.11	Fiber, NIR (%)	2120	11.745	0.05000	14.665	2.7161	0.11333	6	-1.08	10%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
004.11	Fiber, NIR (%)	0852	15.245	0.07000	14.665	2.7161	0.11333	6	0.21	2%	0
004.11	Fiber, NIR (%)	0034	15.385	0.25000	14.665	2.7161	0.11333	6	0.27	2%	0
004.11	Fiber, NIR (%)	0596	16.480	0.28000	14.665	2.7161	0.11333	6	0.67	6%	0
004.11	Fiber, NIR (%)	0613	17.395	0.01000	14.665	2.7161	0.11333	6	1.01	9%	0
004.11	Fiber, NIR (%)	0889	15.645	2.9700	14.665	2.7161	0.11333	6	0.36	3%	1
004.99	Fiber, Miscellaneous (%)	0940	14.950	1.3800	15.627	0.78183	0.52075	4	-0.87	2%	0
004.99	Fiber, Miscellaneous (%)	0644	14.957	0.50300	15.627	0.78183	0.52075	4	-0.86	2%	0
004.99	Fiber, Miscellaneous (%)	0610	16.200	0.00000	15.627	0.78183	0.52075	4	0.73	2%	0
004.99	Fiber, Miscellaneous (%)	0629	16.400	0.20000	15.627	0.78183	0.52075	4	0.99	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	15.890	0.22000	16.579	0.19795	0.10476	90	-3.48	2%	0
005.00	Ash, 2h @ 600°C (%)	0425	16.110	0.12000	16.579	0.19795	0.10476	90	-2.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	16.150	0.10000	16.579	0.19795	0.10476	90	-2.16	1%	0
005.00	Ash, 2h @ 600°C (%)	2033	16.150	0.10000	16.579	0.19795	0.10476	90	-2.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	16.165	0.07000	16.579	0.19795	0.10476	90	-2.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	16.200	0.00000	16.579	0.19795	0.10476	90	-1.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	16.300	0.02000	16.579	0.19795	0.10476	90	-1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	16.310	0.42000	16.579	0.19795	0.10476	90	-1.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	16.340	0.04000	16.579	0.19795	0.10476	90	-1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	16.350	0.20000	16.579	0.19795	0.10476	90	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	16.370	0.06000	16.579	0.19795	0.10476	90	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	16.380	0.26000	16.579	0.19795	0.10476	90	-1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	16.390	0.02000	16.579	0.19795	0.10476	90	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	16.395	0.01000	16.579	0.19795	0.10476	90	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	16.420	0.02000	16.579	0.19795	0.10476	90	-0.80	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	16.425	0.05000	16.579	0.19795	0.10476	90	-0.78	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	16.425	0.11000	16.579	0.19795	0.10476	90	-0.78	0%	0
005.00	Ash, 2h @ 600°C (%)	0852	16.425	0.11000	16.579	0.19795	0.10476	90	-0.78	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	16.438	0.13180	16.579	0.19795	0.10476	90	-0.71	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	16.440	0.08000	16.579	0.19795	0.10476	90	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	16.440	0.04000	16.579	0.19795	0.10476	90	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	16.445	0.11000	16.579	0.19795	0.10476	90	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	16.445	0.07000	16.579	0.19795	0.10476	90	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	16.445	0.09000	16.579	0.19795	0.10476	90	-0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	16.450	0.04000	16.579	0.19795	0.10476	90	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	16.450	0.00000	16.579	0.19795	0.10476	90	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0596	16.480	0.30000	16.579	0.19795	0.10476	90	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	16.480	0.42000	16.579	0.19795	0.10476	90	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	16.480	0.06000	16.579	0.19795	0.10476	90	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	16.480	0.42000	16.579	0.19795	0.10476	90	-0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	16.485	0.01000	16.579	0.19795	0.10476	90	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	16.488	0.02470	16.579	0.19795	0.10476	90	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	16.496	0.00000	16.579	0.19795	0.10476	90	-0.41	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			
005.00	Ash, 2h @ 600°C (%)	0358	16.505	0.09000	16.579	0.19795	0.10476	90	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	16.510	0.02000	16.579	0.19795	0.10476	90	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	16.510	0.02000	16.579	0.19795	0.10476	90	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	16.530	0.00000	16.579	0.19795	0.10476	90	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	16.542	0.15200	16.579	0.19795	0.10476	90	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	16.545	0.07000	16.579	0.19795	0.10476	90	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	16.547	0.11900	16.579	0.19795	0.10476	90	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	16.548	0.09790	16.579	0.19795	0.10476	90	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	16.550	0.10000	16.579	0.19795	0.10476	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	16.550	0.10000	16.579	0.19795	0.10476	90	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	16.555	0.03000	16.579	0.19795	0.10476	90	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	16.560	0.28720	16.579	0.19795	0.10476	90	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	16.565	0.01000	16.579	0.19795	0.10476	90	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	16.570	0.04000	16.579	0.19795	0.10476	90	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	16.585	0.13000	16.579	0.19795	0.10476	90	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	16.585	0.03000	16.579	0.19795	0.10476	90	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	16.590	0.02000	16.579	0.19795	0.10476	90	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	16.597	0.06720	16.579	0.19795	0.10476	90	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	16.600	0.02000	16.579	0.19795	0.10476	90	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	16.600	0.40000	16.579	0.19795	0.10476	90	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	16.615	0.09000	16.579	0.19795	0.10476	90	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	16.616	0.10000	16.579	0.19795	0.10476	90	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0089	16.625	0.01000	16.579	0.19795	0.10476	90	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	16.640	0.08000	16.579	0.19795	0.10476	90	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	16.640	0.08000	16.579	0.19795	0.10476	90	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	16.640	0.00000	16.579	0.19795	0.10476	90	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	16.640	0.00000	16.579	0.19795	0.10476	90	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	16.650	0.10000	16.579	0.19795	0.10476	90	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	16.650	0.10000	16.579	0.19795	0.10476	90	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0681	16.660	0.22000	16.579	0.19795	0.10476	90	0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	16.660	0.08000	16.579	0.19795	0.10476	90	0.41	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	16.661	0.04400	16.579	0.19795	0.10476	90	0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	16.680	0.06000	16.579	0.19795	0.10476	90	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	2089	16.685	0.09000	16.579	0.19795	0.10476	90	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	16.700	0.00000	16.579	0.19795	0.10476	90	0.61	0%	0
005.00	Ash, 2h @ 600°C (%)	0581	16.705	0.09000	16.579	0.19795	0.10476	90	0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	16.725	0.03000	16.579	0.19795	0.10476	90	0.74	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	16.725	0.01000	16.579	0.19795	0.10476	90	0.74	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	16.730	0.00000	16.579	0.19795	0.10476	90	0.77	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	16.738	0.18920	16.579	0.19795	0.10476	90	0.81	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	16.750	0.10000	16.579	0.19795	0.10476	90	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	16.750	0.10000	16.579	0.19795	0.10476	90	0.87	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			
005.00	Ash, 2h @ 600°C (%)	0265	16.800	0.12000	16.579	0.19795	0.10476	90	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	16.800	0.12000	16.579	0.19795	0.10476	90	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	16.800	0.26000	16.579	0.19795	0.10476	90	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	16.855	0.29000	16.579	0.19795	0.10476	90	1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	16.870	0.10000	16.579	0.19795	0.10476	90	1.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	16.891	0.12200	16.579	0.19795	0.10476	90	1.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	16.895	0.05000	16.579	0.19795	0.10476	90	1.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	16.922	0.38300	16.579	0.19795	0.10476	90	1.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	16.950	0.10000	16.579	0.19795	0.10476	90	1.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	16.960	0.00000	16.579	0.19795	0.10476	90	1.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	16.970	0.04000	16.579	0.19795	0.10476	90	1.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	16.995	0.33000	16.579	0.19795	0.10476	90	2.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	17.040	0.04000	16.579	0.19795	0.10476	90	2.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	17.185	0.17000	16.579	0.19795	0.10476	90	3.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	17.300	0.20000	16.579	0.19795	0.10476	90	3.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	16.085	0.91000	16.579	0.19795	0.10476	90	-2.49	1%	1
005.00	Ash, 2h @ 600°C (%)	0160	16.450	0.70000	16.579	0.19795	0.10476	90	-0.65	0%	1
005.05	Ash, 3h @ 550°C (%)	2109	16.400	0.08000	16.711	0.22477	0.08838	20	-1.38	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	16.425	0.05000	16.711	0.22477	0.08838	20	-1.27	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	16.484	0.01280	16.711	0.22477	0.08838	20	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	16.500	0.14000	16.711	0.22477	0.08838	20	-0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	16.585	0.15000	16.711	0.22477	0.08838	20	-0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	16.590	0.04000	16.711	0.22477	0.08838	20	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	16.610	0.08000	16.711	0.22477	0.08838	20	-0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	16.610	0.02000	16.711	0.22477	0.08838	20	-0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	16.625	0.09000	16.711	0.22477	0.08838	20	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	16.630	0.08000	16.711	0.22477	0.08838	20	-0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	16.685	0.05000	16.711	0.22477	0.08838	20	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	16.765	0.01470	16.711	0.22477	0.08838	20	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	16.800	0.20000	16.711	0.22477	0.08838	20	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	16.800	0.20000	16.711	0.22477	0.08838	20	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	16.850	0.10000	16.711	0.22477	0.08838	20	0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0904	16.860	0.04000	16.711	0.22477	0.08838	20	0.66	0%	0
005.05	Ash, 3h @ 550°C (%)	2126	16.920	0.06000	16.711	0.22477	0.08838	20	0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	16.985	0.01000	16.711	0.22477	0.08838	20	1.22	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	17.095	0.13000	16.711	0.22477	0.08838	20	1.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	17.160	0.22000	16.711	0.22477	0.08838	20	2.00	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	16.600	0.40000	16.711	0.22477	0.08838	20	-0.49	0%	1
005.11	Ash, NIR (%)	0852	9.2000	0.12000	13.329	5.0993	0.33015	8	-0.81	15%	0
005.11	Ash, NIR (%)	0297	9.6050	0.79000	13.329	5.0993	0.33015	8	-0.73	14%	0
005.11	Ash, NIR (%)	0613	9.7900	0.02000	13.329	5.0993	0.33015	8	-0.69	13%	0
005.11	Ash, NIR (%)	2128	9.9304	0.41120	13.329	5.0993	0.33015	8	-0.67	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.11	Ash, NIR (%)	0596	12.975	0.09000	13.329	5.0993	0.33015	8	-0.07	1%	0
005.11	Ash, NIR (%)	2120	16.840	0.30000	13.329	5.0993	0.33015	8	0.69	13%	0
005.11	Ash, NIR (%)	2121	17.360	0.36000	13.329	5.0993	0.33015	8	0.79	15%	0
005.11	Ash, NIR (%)	0889	20.935	0.55000	13.329	5.0993	0.33015	8	1.49	29%	0
005.99	Ash, Miscellaneous (%)	2004	16.450	0.10000	16.697	0.28322	0.17545	11	-0.87	1%	0
005.99	Ash, Miscellaneous (%)	0202	16.455	0.01000	16.697	0.28322	0.17545	11	-0.85	1%	0
005.99	Ash, Miscellaneous (%)	0662	16.468	0.37990	16.697	0.28322	0.17545	11	-0.81	1%	0
005.99	Ash, Miscellaneous (%)	0613	16.510	0.58000	16.697	0.28322	0.17545	11	-0.66	1%	0
005.99	Ash, Miscellaneous (%)	0574	16.550	0.04000	16.697	0.28322	0.17545	11	-0.52	0%	0
005.99	Ash, Miscellaneous (%)	0728	16.565	0.25000	16.697	0.28322	0.17545	11	-0.47	0%	0
005.99	Ash, Miscellaneous (%)	0629	16.685	0.13000	16.697	0.28322	0.17545	11	-0.04	0%	0
005.99	Ash, Miscellaneous (%)	0652	16.950	0.10000	16.697	0.28322	0.17545	11	0.89	1%	0
005.99	Ash, Miscellaneous (%)	2080	16.950	0.10000	16.697	0.28322	0.17545	11	0.89	1%	0
005.99	Ash, Miscellaneous (%)	0644	16.960	0.18000	16.697	0.28322	0.17545	11	0.93	1%	0
005.99	Ash, Miscellaneous (%)	0676	17.780	0.06000	16.697	0.28322	0.17545	11	3.82	3%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.8200	0.26000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	4.5000	0.20000				2			0
006.05	Total sugars, TSI, Lane-Eunon (12th) (%)	0045	6.4500	0.10000				1			0
006.99	Total sugars, Miscellaneous (%)	0096	3.4000	0.20000				2			0
006.99	Total sugars, Miscellaneous (%)	0956	5.6000	0.20000				2			0
008.02	Fiber, Acid Detergent (%)	0590	19.200	0.40000	22.288	1.2380	0.38718	17	-2.49	7%	0
008.02	Fiber, Acid Detergent (%)	0609	20.605	0.03000	22.288	1.2380	0.38718	17	-1.36	4%	0
008.02	Fiber, Acid Detergent (%)	0948	20.705	0.01000	22.288	1.2380	0.38718	17	-1.28	4%	0
008.02	Fiber, Acid Detergent (%)	0940	20.790	0.52000	22.288	1.2380	0.38718	17	-1.21	3%	0
008.02	Fiber, Acid Detergent (%)	0226	21.950	0.10000	22.288	1.2380	0.38718	17	-0.27	1%	0
008.02	Fiber, Acid Detergent (%)	0676	21.950	0.70000	22.288	1.2380	0.38718	17	-0.27	1%	0
008.02	Fiber, Acid Detergent (%)	0728	22.075	0.79000	22.288	1.2380	0.38718	17	-0.17	0%	0
008.02	Fiber, Acid Detergent (%)	0504	22.160	1.3000	22.288	1.2380	0.38718	17	-0.10	0%	0
008.02	Fiber, Acid Detergent (%)	2129	22.580	0.82000	22.288	1.2380	0.38718	17	0.24	1%	0
008.02	Fiber, Acid Detergent (%)	0675	22.670	0.50000	22.288	1.2380	0.38718	17	0.31	1%	0
008.02	Fiber, Acid Detergent (%)	0208	22.950	0.50000	22.288	1.2380	0.38718	17	0.53	1%	0
008.02	Fiber, Acid Detergent (%)	0674	22.990	0.00000	22.288	1.2380	0.38718	17	0.57	2%	0
008.02	Fiber, Acid Detergent (%)	0098	23.065	0.17000	22.288	1.2380	0.38718	17	0.63	2%	0
008.02	Fiber, Acid Detergent (%)	0148	23.315	0.01000	22.288	1.2380	0.38718	17	0.83	2%	0
008.02	Fiber, Acid Detergent (%)	0187	23.410	0.12000	22.288	1.2380	0.38718	17	0.91	3%	0
008.02	Fiber, Acid Detergent (%)	0309	23.432	0.36210	22.288	1.2380	0.38718	17	0.92	3%	0
008.02	Fiber, Acid Detergent (%)	0353	23.825	0.25000	22.288	1.2380	0.38718	17	1.24	3%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	24.150	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	19.435	0.99000	22.085	1.5999	0.44570	35	-1.66	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0563	19.788	0.20560	22.085	1.5999	0.44570	35	-1.44	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	19.800	0.20000	22.085	1.5999	0.44570	35	-1.43	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	20.000	0.20000	22.085	1.5999	0.44570	35	-1.30	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	
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	20.035	0.05000	22.085	1.5999	0.44570	35	-1.28	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	20.360	0.58000	22.085	1.5999	0.44570	35	-1.08	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	20.485	0.93000	22.085	1.5999	0.44570	35	-1.00	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	20.700	0.60000	22.085	1.5999	0.44570	35	-0.87	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	21.080	0.54000	22.085	1.5999	0.44570	35	-0.63	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	21.120	0.26000	22.085	1.5999	0.44570	35	-0.60	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0160	21.225	0.71100	22.085	1.5999	0.44570	35	-0.54	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	21.360	0.62000	22.085	1.5999	0.44570	35	-0.45	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	21.445	0.99000	22.085	1.5999	0.44570	35	-0.40	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	21.790	0.38000	22.085	1.5999	0.44570	35	-0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	21.850	0.10000	22.085	1.5999	0.44570	35	-0.15	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	22.015	0.67000	22.085	1.5999	0.44570	35	-0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	22.095	0.16100	22.085	1.5999	0.44570	35	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	22.100	1.0000	22.085	1.5999	0.44570	35	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	22.400	0.20000	22.085	1.5999	0.44570	35	0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	22.475	0.05000	22.085	1.5999	0.44570	35	0.24	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	22.610	0.84000	22.085	1.5999	0.44570	35	0.33	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	22.845	0.37000	22.085	1.5999	0.44570	35	0.48	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	22.995	0.19000	22.085	1.5999	0.44570	35	0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	22.998	0.49590	22.085	1.5999	0.44570	35	0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	23.020	0.00000	22.085	1.5999	0.44570	35	0.58	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	23.100	0.20000	22.085	1.5999	0.44570	35	0.63	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	23.259	0.89600	22.085	1.5999	0.44570	35	0.73	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	23.310	0.22000	22.085	1.5999	0.44570	35	0.77	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	23.315	0.13000	22.085	1.5999	0.44570	35	0.77	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	23.350	0.50000	22.085	1.5999	0.44570	35	0.79	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	23.395	0.23000	22.085	1.5999	0.44570	35	0.82	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	23.500	0.20000	22.085	1.5999	0.44570	35	0.88	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	24.645	0.45000	22.085	1.5999	0.44570	35	1.60	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	24.700	1.4000	22.085	1.5999	0.44570	35	1.63	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	32.370	0.04000	22.085	1.5999	0.44570	35	6.43	23%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	22.200	3.4200	22.085	1.5999	0.44570	35	0.07	0%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	20.090	0.00000	20.708	0.89530	0.31250	4	-0.69	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	20.300	0.20000	20.708	0.89530	0.31250	4	-0.46	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	21.735	0.15000	20.708	0.89530	0.31250	4	1.15	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	22.250	0.90000	20.708	0.89530	0.31250	4	1.72	4%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	37.020	3.7000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	30.310	0.22000	33.934	2.2364	0.61970	10	-1.62	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	31.850	0.10000	33.934	2.2364	0.61970	10	-0.93	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	32.250	1.3800	33.934	2.2364	0.61970	10	-0.75	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	33.500	0.60000	33.934	2.2364	0.61970	10	-0.19	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	33.700	0.40000	33.934	2.2364	0.61970	10	-0.10	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	34.355	0.71000	33.934	2.2364	0.61970	10	0.19	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	34.850	0.70000	33.934	2.2364	0.61970	10	0.41	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	35.455	1.8700	33.934	2.2364	0.61970	10	0.68	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0674	35.760	0.00000	33.934	2.2364	0.61970	10	0.82	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	37.043	0.21700	33.934	2.2364	0.61970	10	1.39	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	30.055	0.73000	33.391	1.8196	0.53553	28	-1.83	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	30.700	0.20000	33.391	1.8196	0.53553	28	-1.48	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	31.200	0.00000	33.391	1.8196	0.53553	28	-1.20	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	31.280	0.08000	33.391	1.8196	0.53553	28	-1.16	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	31.690	0.06000	33.391	1.8196	0.53553	28	-0.93	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	31.850	0.10000	33.391	1.8196	0.53553	28	-0.85	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	32.370	0.04000	33.391	1.8196	0.53553	28	-0.56	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	32.380	0.36000	33.391	1.8196	0.53553	28	-0.56	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	32.475	0.25000	33.391	1.8196	0.53553	28	-0.50	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	32.490	0.54000	33.391	1.8196	0.53553	28	-0.50	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	32.650	0.30000	33.391	1.8196	0.53553	28	-0.41	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	33.045	0.47000	33.391	1.8196	0.53553	28	-0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	33.278	0.96410	33.391	1.8196	0.53553	28	-0.06	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	33.450	0.10000	33.391	1.8196	0.53553	28	0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0563	33.475	0.44490	33.391	1.8196	0.53553	28	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	33.480	0.22000	33.391	1.8196	0.53553	28	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	33.720	0.14980	33.391	1.8196	0.53553	28	0.18	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	33.742	1.4960	33.391	1.8196	0.53553	28	0.19	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	33.785	0.53000	33.391	1.8196	0.53553	28	0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	34.155	0.35000	33.391	1.8196	0.53553	28	0.42	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	34.600	0.60000	33.391	1.8196	0.53553	28	0.66	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	34.605	0.71000	33.391	1.8196	0.53553	28	0.67	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	34.950	1.9000	33.391	1.8196	0.53553	28	0.86	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	35.050	1.1000	33.391	1.8196	0.53553	28	0.91	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	35.500	0.00000	33.391	1.8196	0.53553	28	1.16	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	38.400	0.60000	33.391	1.8196	0.53553	28	2.75	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	38.750	2.2800	33.391	1.8196	0.53553	28	2.95	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	46.320	0.42000	33.391	1.8196	0.53553	28	7.11	19%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	33.000	2.8000	33.391	1.8196	0.53553	28	-0.21	1%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	33.230	0.38000	34.118	0.90283	0.59750	4	-0.98	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	34.090	0.00000	34.118	0.90283	0.59750	4	-0.03	0%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	35.035	0.19000	34.118	0.90283	0.59750	4	1.02	1%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	39.150	1.8200	34.118	0.90283	0.59750	4	5.57	7%	0
010.03	Moisture, Karl-Fischer (%)	0843	6.4000	0.06000	6.8075	0.31466	0.05000	4	-1.30	3%	0
010.03	Moisture, Karl-Fischer (%)	2143	6.7200	0.02000	6.8075	0.31466	0.05000	4	-0.28	1%	0
010.03	Moisture, Karl-Fischer (%)	0208	7.0350	0.03000	6.8075	0.31466	0.05000	4	0.72	2%	0
010.03	Moisture, Karl-Fischer (%)	0164	7.0750	0.09000	6.8075	0.31466	0.05000	4	0.85	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			
010.11	Moisture, NIR (%)	0596	7.8100	0.04000	8.0551	0.25419	0.07950	5	-0.96	2%	0
010.11	Moisture, NIR (%)	0852	7.8100	0.10000	8.0551	0.25419	0.07950	5	-0.96	2%	0
010.11	Moisture, NIR (%)	2121	8.0550	0.01000	8.0551	0.25419	0.07950	5	0.00	0%	0
010.11	Moisture, NIR (%)	2120	8.2050	0.13000	8.0551	0.25419	0.07950	5	0.59	1%	0
010.11	Moisture, NIR (%)	2128	8.3955	0.11750	8.0551	0.25419	0.07950	5	1.34	2%	0
010.11	Moisture, NIR (%)	0889	8.2500	0.88000	8.0551	0.25419	0.07950	5	0.77	1%	1
010.99	Moisture, Miscellaneous (%)	0168	6.5850	0.11000	7.3091	0.51915	0.13188	16	-1.39	5%	0
010.99	Moisture, Miscellaneous (%)	0555	6.7500	0.50000	7.3091	0.51915	0.13188	16	-1.08	4%	0
010.99	Moisture, Miscellaneous (%)	2004	6.8400	0.08000	7.3091	0.51915	0.13188	16	-0.90	3%	0
010.99	Moisture, Miscellaneous (%)	0910	7.0000	0.20000	7.3091	0.51915	0.13188	16	-0.60	2%	0
010.99	Moisture, Miscellaneous (%)	2089	7.0000	0.04000	7.3091	0.51915	0.13188	16	-0.60	2%	0
010.99	Moisture, Miscellaneous (%)	0884	7.0500	0.10000	7.3091	0.51915	0.13188	16	-0.50	2%	0
010.99	Moisture, Miscellaneous (%)	0948	7.1200	0.08000	7.3091	0.51915	0.13188	16	-0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0917	7.1500	0.10000	7.3091	0.51915	0.13188	16	-0.31	1%	0
010.99	Moisture, Miscellaneous (%)	0952	7.2550	0.07000	7.3091	0.51915	0.13188	16	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0019	7.3750	0.29000	7.3091	0.51915	0.13188	16	0.13	0%	0
010.99	Moisture, Miscellaneous (%)	0726	7.4850	0.03000	7.3091	0.51915	0.13188	16	0.34	1%	0
010.99	Moisture, Miscellaneous (%)	0190	7.6450	0.15000	7.3091	0.51915	0.13188	16	0.65	2%	0
010.99	Moisture, Miscellaneous (%)	2129	7.7300	0.26000	7.3091	0.51915	0.13188	16	0.81	3%	0
010.99	Moisture, Miscellaneous (%)	0405	7.7850	0.01000	7.3091	0.51915	0.13188	16	0.92	3%	0
010.99	Moisture, Miscellaneous (%)	2105	8.2650	0.01000	7.3091	0.51915	0.13188	16	1.84	7%	0
010.99	Moisture, Miscellaneous (%)	2127	8.3400	0.08000	7.3091	0.51915	0.13188	16	1.99	7%	0
010.99	Moisture, Miscellaneous (%)	0692	6.8850	1.0900	7.3091	0.51915	0.13188	16	-0.82	3%	1
011.01	Loss on Drying, 135°C 2hr (%)	2031	4.9400	0.02000	8.2676	0.37028	0.10782	71	-8.99	20%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	6.2850	0.09000	8.2676	0.37028	0.10782	71	-5.35	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	6.9250	0.35000	8.2676	0.37028	0.10782	71	-3.63	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	7.1600	0.00000	8.2676	0.37028	0.10782	71	-2.99	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.2550	0.21000	8.2676	0.37028	0.10782	71	-2.73	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	7.2600	0.06000	8.2676	0.37028	0.10782	71	-2.72	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.3550	0.07000	8.2676	0.37028	0.10782	71	-2.46	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	7.4676	0.04250	8.2676	0.37028	0.10782	71	-2.16	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.5850	0.21000	8.2676	0.37028	0.10782	71	-1.84	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	7.7500	0.10000	8.2676	0.37028	0.10782	71	-1.40	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	7.8300	0.48000	8.2676	0.37028	0.10782	71	-1.18	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0300	7.8590	0.23000	8.2676	0.37028	0.10782	71	-1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.9150	0.09000	8.2676	0.37028	0.10782	71	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	7.9300	0.08000	8.2676	0.37028	0.10782	71	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	7.9310	0.04600	8.2676	0.37028	0.10782	71	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	7.9500	0.10000	8.2676	0.37028	0.10782	71	-0.86	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.9700	0.00000	8.2676	0.37028	0.10782	71	-0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.0600	0.06000	8.2676	0.37028	0.10782	71	-0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	8.0750	0.11000	8.2676	0.37028	0.10782	71	-0.52	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	
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.0810	0.03000	8.2676	0.37028	0.10782	71	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.1050	0.01000	8.2676	0.37028	0.10782	71	-0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	8.1500	0.00000	8.2676	0.37028	0.10782	71	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.1700	0.02000	8.2676	0.37028	0.10782	71	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	8.1750	0.11000	8.2676	0.37028	0.10782	71	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	8.1850	0.15000	8.2676	0.37028	0.10782	71	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.1920	0.05000	8.2676	0.37028	0.10782	71	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.2000	0.40000	8.2676	0.37028	0.10782	71	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.2000	0.04000	8.2676	0.37028	0.10782	71	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.2300	0.06000	8.2676	0.37028	0.10782	71	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.2600	0.02000	8.2676	0.37028	0.10782	71	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.2600	0.06000	8.2676	0.37028	0.10782	71	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.2600	0.06000	8.2676	0.37028	0.10782	71	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.2750	0.01000	8.2676	0.37028	0.10782	71	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	8.2755	0.10900	8.2676	0.37028	0.10782	71	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.2828	0.21820	8.2676	0.37028	0.10782	71	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.2950	0.25000	8.2676	0.37028	0.10782	71	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	8.3100	0.08000	8.2676	0.37028	0.10782	71	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.3350	0.13000	8.2676	0.37028	0.10782	71	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.3500	0.04000	8.2676	0.37028	0.10782	71	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.3500	0.06000	8.2676	0.37028	0.10782	71	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.3500	0.10000	8.2676	0.37028	0.10782	71	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	8.3550	0.43000	8.2676	0.37028	0.10782	71	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.3600	0.00000	8.2676	0.37028	0.10782	71	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.3850	0.05000	8.2676	0.37028	0.10782	71	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.3900	0.02000	8.2676	0.37028	0.10782	71	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.4250	0.01000	8.2676	0.37028	0.10782	71	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.4300	0.14000	8.2676	0.37028	0.10782	71	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.4350	0.21000	8.2676	0.37028	0.10782	71	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.4400	0.08000	8.2676	0.37028	0.10782	71	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.4450	0.43000	8.2676	0.37028	0.10782	71	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.4750	0.27000	8.2676	0.37028	0.10782	71	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.4925	0.02300	8.2676	0.37028	0.10782	71	0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	8.5000	0.00000	8.2676	0.37028	0.10782	71	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.5250	0.01000	8.2676	0.37028	0.10782	71	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.5400	0.00000	8.2676	0.37028	0.10782	71	0.74	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	8.5500	0.00000	8.2676	0.37028	0.10782	71	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	8.5769	0.00000	8.2676	0.37028	0.10782	71	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.5940	0.19200	8.2676	0.37028	0.10782	71	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.5950	0.33000	8.2676	0.37028	0.10782	71	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	8.6000	0.20000	8.2676	0.37028	0.10782	71	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	8.6100	0.02000	8.2676	0.37028	0.10782	71	0.92	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	
011.01	Loss on Drying, 135°C 2hr (%)	2022	8.6150	0.03000	8.2676	0.37028	0.10782	71	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.6200	0.26000	8.2676	0.37028	0.10782	71	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	8.6696	0.03220	8.2676	0.37028	0.10782	71	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	8.6700	0.06000	8.2676	0.37028	0.10782	71	1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	8.7265	0.17100	8.2676	0.37028	0.10782	71	1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	8.7605	0.08100	8.2676	0.37028	0.10782	71	1.33	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.7750	0.05000	8.2676	0.37028	0.10782	71	1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.9000	0.00000	8.2676	0.37028	0.10782	71	1.71	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.9100	0.06000	8.2676	0.37028	0.10782	71	1.73	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	8.9500	0.14000	8.2676	0.37028	0.10782	71	1.84	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0160	9.1500	1.0800	8.2676	0.37028	0.10782	71	2.38	5%	1
011.01	Loss on Drying, 135°C 2hr (%)	0345	93.650	0.10000	8.2676	0.37028	0.10782	71	230.59	516%	2
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.7900	0.16000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.1050	0.03000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	7.5550	0.53000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	7.7350	0.27000	7.8533	0.13475	0.28000	3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	7.8250	0.17000	7.8533	0.13475	0.28000	3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.0000	0.40000	7.8533	0.13475	0.28000	3			0
012.00	Starch, Polarimetric (Ewers) (%)	0910	8.0500	0.30000	8.7378	0.58499	0.12778	9	-1.18	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	8.1500	0.10000	8.7378	0.58499	0.12778	9	-1.00	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	8.4100	0.10000	8.7378	0.58499	0.12778	9	-0.56	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	8.5100	0.06000	8.7378	0.58499	0.12778	9	-0.39	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	8.7000	0.20000	8.7378	0.58499	0.12778	9	-0.06	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	8.9300	0.30000	8.7378	0.58499	0.12778	9	0.33	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	9.0300	0.00000	8.7378	0.58499	0.12778	9	0.50	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	9.2450	0.09000	8.7378	0.58499	0.12778	9	0.87	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	9.6660	0.00000	8.7378	0.58499	0.12778	9	1.59	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	8.8050	0.87000	8.7378	0.58499	0.12778	9	0.11	0%	1
012.01	Starch, Megazyme (%)	0918	5.2730	0.45200	6.7408	0.58337	0.28275	8	-2.52	11%	0
012.01	Starch, Megazyme (%)	0676	6.5000	0.06000	6.7408	0.58337	0.28275	8	-0.41	2%	0
012.01	Starch, Megazyme (%)	0045	6.6000	0.20000	6.7408	0.58337	0.28275	8	-0.24	1%	0
012.01	Starch, Megazyme (%)	0613	6.6100	0.26000	6.7408	0.58337	0.28275	8	-0.22	1%	0
012.01	Starch, Megazyme (%)	2004	6.7350	0.09000	6.7408	0.58337	0.28275	8	-0.01	0%	0
012.01	Starch, Megazyme (%)	0956	6.7500	0.50000	6.7408	0.58337	0.28275	8	0.02	0%	0
012.01	Starch, Megazyme (%)	0096	7.2500	0.30000	6.7408	0.58337	0.28275	8	0.87	4%	0
012.01	Starch, Megazyme (%)	0265	9.9000	0.40000	6.7408	0.58337	0.28275	8	5.42	23%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	8.8450	0.49000				1			0
012.03	Starch, Enzymatic (%)	0098	6.3350	0.07000	7.2356	0.78012	0.14440	5	-1.15	6%	0
012.03	Starch, Enzymatic (%)	0885	7.0331	0.43770	7.2356	0.78012	0.14440	5	-0.26	1%	0
012.03	Starch, Enzymatic (%)	0297	7.6700	0.02000	7.2356	0.78012	0.14440	5	0.56	3%	0
012.03	Starch, Enzymatic (%)	0407	7.7019	0.15430	7.2356	0.78012	0.14440	5	0.60	3%	0
012.03	Starch, Enzymatic (%)	0889	33.310	0.04000	7.2356	0.78012	0.14440	5	33.42	180%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
012.04	Starch, YSI Analyzer (%)	0510	5.9500	0.30000	6.8280	0.86043	0.15200	5	-1.02	6%	0
012.04	Starch, YSI Analyzer (%)	0160	6.3750	0.05000	6.8280	0.86043	0.15200	5	-0.53	3%	0
012.04	Starch, YSI Analyzer (%)	0278	6.7000	0.00000	6.8280	0.86043	0.15200	5	-0.15	1%	0
012.04	Starch, YSI Analyzer (%)	0353	6.8850	0.29000	6.8280	0.86043	0.15200	5	0.07	0%	0
012.04	Starch, YSI Analyzer (%)	0948	8.2300	0.12000	6.8280	0.86043	0.15200	5	1.63	10%	0
012.11	Starch, NIR (%)	2128	4.6601	3.0690	8.5775	3.7902	0.74980	5	-1.03	23%	0
012.11	Starch, NIR (%)	0596	5.3050	0.13000	8.5775	3.7902	0.74980	5	-0.86	19%	0
012.11	Starch, NIR (%)	0852	6.6050	0.15000	8.5775	3.7902	0.74980	5	-0.52	11%	0
012.11	Starch, NIR (%)	0889	8.4850	0.35000	8.5775	3.7902	0.74980	5	-0.02	1%	0
012.11	Starch, NIR (%)	0613	13.915	0.05000	8.5775	3.7902	0.74980	5	1.41	31%	0
012.11	Starch, NIR (%)	0297	0.00000	0.00000	8.5775	3.7902	0.74980	5			4
012.99	Starch, Miscellaneous (%)	0904	21.325	0.15000				1			0
013.00	Fat, Acid hydrolysis (%)	2057	2.4250	0.05000	3.4717	0.56332	0.09331	16	-1.86	15%	0
013.00	Fat, Acid hydrolysis (%)	2080	2.7000	0.20000	3.4717	0.56332	0.09331	16	-1.37	11%	0
013.00	Fat, Acid hydrolysis (%)	0689	3.0000	0.00000	3.4717	0.56332	0.09331	16	-0.84	7%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.1500	0.06000	3.4717	0.56332	0.09331	16	-0.57	5%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.1800	0.02000	3.4717	0.56332	0.09331	16	-0.52	4%	0
013.00	Fat, Acid hydrolysis (%)	0681	3.2100	0.06000	3.4717	0.56332	0.09331	16	-0.46	4%	0
013.00	Fat, Acid hydrolysis (%)	0910	3.3250	0.13000	3.4717	0.56332	0.09331	16	-0.26	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	3.4600	0.02000	3.4717	0.56332	0.09331	16	-0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0541	3.4800	0.36000	3.4717	0.56332	0.09331	16	0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	3.5000	0.00000	3.4717	0.56332	0.09331	16	0.05	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	3.7000	0.20000	3.4717	0.56332	0.09331	16	0.41	3%	0
013.00	Fat, Acid hydrolysis (%)	0098	3.7350	0.03000	3.4717	0.56332	0.09331	16	0.47	4%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.9353	0.07290	3.4717	0.56332	0.09331	16	0.82	7%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.0200	0.08000	3.4717	0.56332	0.09331	16	0.97	8%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.2300	0.10000	3.4717	0.56332	0.09331	16	1.35	11%	0
013.00	Fat, Acid hydrolysis (%)	0139	4.2950	0.11000	3.4717	0.56332	0.09331	16	1.46	12%	0
013.00	Fat, Acid hydrolysis (%)	0297	8.8500	0.50000	3.4717	0.56332	0.09331	16	9.55	77%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0148	3.0400	0.02000	4.0307	0.36946	0.12556	18	-2.68	12%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	3.2950	0.17000	4.0307	0.36946	0.12556	18	-1.99	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	3.7750	0.03000	4.0307	0.36946	0.12556	18	-0.69	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	3.8200	0.04000	4.0307	0.36946	0.12556	18	-0.57	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0615	3.8400	0.08000	4.0307	0.36946	0.12556	18	-0.52	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0074	3.8500	0.32000	4.0307	0.36946	0.12556	18	-0.49	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	3.8750	0.23000	4.0307	0.36946	0.12556	18	-0.42	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	3.9050	0.13000	4.0307	0.36946	0.12556	18	-0.34	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	3.9350	0.07000	4.0307	0.36946	0.12556	18	-0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	3.9550	0.23000	4.0307	0.36946	0.12556	18	-0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.1050	0.01000	4.0307	0.36946	0.12556	18	0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.1300	0.02000	4.0307	0.36946	0.12556	18	0.27	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.2250	0.05000	4.0307	0.36946	0.12556	18	0.53	2%	0

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013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.2900	0.04000	4.0307	0.36946	0.12556	18	0.70	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.2950	0.11000	4.0307	0.36946	0.12556	18	0.72	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	4.4600	0.64000	4.0307	0.36946	0.12556	18	1.16	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.5550	0.07000	4.0307	0.36946	0.12556	18	1.42	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	4.7100	0.00000	4.0307	0.36946	0.12556	18	1.84	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.7800	1.2000	4.0307	0.36946	0.12556	18	2.03	9%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.1551	0.04650				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	2.9077	0.13560	3.3682	0.35806	0.17651	7	-1.29	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	3.0300	0.10000	3.3682	0.35806	0.17651	7	-0.94	5%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	3.2700	0.24000	3.3682	0.35806	0.17651	7	-0.27	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	3.3900	0.06000	3.3682	0.35806	0.17651	7	0.06	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	3.6000	0.20000	3.3682	0.35806	0.17651	7	0.65	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	3.6700	0.46000	3.3682	0.35806	0.17651	7	0.84	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	3.7100	0.04000	3.3682	0.35806	0.17651	7	0.95	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	2.7000	0.14000	4.1023	1.5924	0.17783	6	-0.88	17%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	3.1585	0.35700	4.1023	1.5924	0.17783	6	-0.59	12%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	3.3100	0.26000	4.1023	1.5924	0.17783	6	-0.50	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	3.8800	0.10000	4.1023	1.5924	0.17783	6	-0.14	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	5.2000	0.00000	4.1023	1.5924	0.17783	6	0.69	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.3650	0.21000	4.1023	1.5924	0.17783	6	1.42	28%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	1,000.4	72.870	1,620.8	539.23	2,512.5	4	-1.15	19%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	1,885.0	130.00	1,620.8	539.23	2,512.5	4	0.49	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	1,977.0	22.000	1,620.8	539.23	2,512.5	4	0.66	11%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	6,628.5	9,825.0	1,620.8	539.23	2,512.5	4	9.29	154%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	1,447.5	36.200				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	955.00	16.000	1,519.8	545.06	32.878	7	-1.04	19%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	1,046.5	13.000	1,519.8	545.06	32.878	7	-0.87	16%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	1,285.0	10.000	1,519.8	545.06	32.878	7	-0.43	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	1,334.4	33.146	1,519.8	545.06	32.878	7	-0.34	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	2033	1,893.0	68.000	1,519.8	545.06	32.878	7	0.68	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	1,950.0	20.000	1,519.8	545.06	32.878	7	0.79	14%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	2,175.0	70.000	1,519.8	545.06	32.878	7	1.20	22%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	2080	680.82	9.9200				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	2,375.0	110.00				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	18.380	1.0000	20.104	2.0132	1.4325	4	-0.86	4%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	18.835	3.0300	20.104	2.0132	1.4325	4	-0.63	3%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	20.355	0.45000	20.104	2.0132	1.4325	4	0.12	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	22.845	1.2500	20.104	2.0132	1.4325	4	1.36	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	16.615	0.49000	19.503	3.9673	1.1476	5	-0.73	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	17.550	1.3000	19.503	3.9673	1.1476	5	-0.49	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	18.507	0.36790	19.503	3.9673	1.1476	5	-0.25	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	25.340	0.08000	19.503	3.9673	1.1476	5	1.47	15%	0

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017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0037	35.850	3.5000	19.503	3.9673	1.1476	5	4.12	42%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	10.000	0.00000	19.506	1.3311	0.37800	5	-7.14	24%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	18.250	0.30000	19.506	1.3311	0.37800	5	-0.94	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	18.925	0.49000	19.506	1.3311	0.37800	5	-0.44	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	19.500	1.0000	19.506	1.3311	0.37800	5	0.00	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	21.350	0.10000	19.506	1.3311	0.37800	5	1.39	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	24.000	6.0000	19.506	1.3311	0.37800	5	3.38	12%	1
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0096	17.776	0.15100				2			0
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	2080	18.895	0.47000				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.8150	0.05000	1.9710	0.08161	0.03843	13	-1.91	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.8800	0.00000	1.9710	0.08161	0.03843	13	-1.11	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.8800	0.00000	1.9710	0.08161	0.03843	13	-1.11	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.9335	0.07740	1.9710	0.08161	0.03843	13	-0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.9506	0.00520	1.9710	0.08161	0.03843	13	-0.25	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.9595	0.00700	1.9710	0.08161	0.03843	13	-0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.9865	0.01500	1.9710	0.08161	0.03843	13	0.19	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.9950	0.01000	1.9710	0.08161	0.03843	13	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	2.0030	0.08000	1.9710	0.08161	0.03843	13	0.39	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	2.0075	0.02500	1.9710	0.08161	0.03843	13	0.45	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	2.0300	0.10000	1.9710	0.08161	0.03843	13	0.72	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	2.0550	0.03000	1.9710	0.08161	0.03843	13	1.03	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	2.1300	0.10000	1.9710	0.08161	0.03843	13	1.95	4%	0
019.02	Calcium, Hach Method (%)	2128	2.4915	0.55700				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	2.0832	0.01060				1			0
019.08	Calcium, EDTA (%)	0138	1.9965	0.06500	2.0464	0.05674	0.03221	7	-0.88	1%	0
019.08	Calcium, EDTA (%)	2009	2.0018	0.01010	2.0464	0.05674	0.03221	7	-0.79	1%	0
019.08	Calcium, EDTA (%)	0940	2.0200	0.06000	2.0464	0.05674	0.03221	7	-0.47	1%	0
019.08	Calcium, EDTA (%)	0885	2.0218	0.00040	2.0464	0.05674	0.03221	7	-0.43	1%	0
019.08	Calcium, EDTA (%)	0629	2.0600	0.00000	2.0464	0.05674	0.03221	7	0.24	0%	0
019.08	Calcium, EDTA (%)	0590	2.1000	0.04000	2.0464	0.05674	0.03221	7	0.94	1%	0
019.08	Calcium, EDTA (%)	0689	2.1250	0.05000	2.0464	0.05674	0.03221	7	1.38	2%	0
019.08	Calcium, EDTA (%)	0852	6.1000	0.20000	2.0464	0.05674	0.03221	7	71.44	99%	1
019.09	Calcium, Ion-selective electrode (%)	2109	1.6655	0.00100				2			0
019.09	Calcium, Ion-selective electrode (%)	2006	1.8195	0.05900				2			0
019.31	Calcium, AAS, Dry ash (%)	0596	1.8500	0.04000	1.9905	0.10537	0.05072	26	-1.33	4%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.8650	0.05000	1.9905	0.10537	0.05072	26	-1.19	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.8800	0.04000	1.9905	0.10537	0.05072	26	-1.05	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.8904	0.11440	1.9905	0.10537	0.05072	26	-0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.8946	0.06060	1.9905	0.10537	0.05072	26	-0.91	2%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.8948	0.00000	1.9905	0.10537	0.05072	26	-0.91	2%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.9100	0.10000	1.9905	0.10537	0.05072	26	-0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.9209	0.01560	1.9905	0.10537	0.05072	26	-0.66	2%	0

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019.31	Calcium, AAS, Dry ash (%)	0653	1.9225	0.00500	1.9905	0.10537	0.05072	26	-0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.9350	0.03000	1.9905	0.10537	0.05072	26	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.9600	0.02000	1.9905	0.10537	0.05072	26	-0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.9665	0.04100	1.9905	0.10537	0.05072	26	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.9800	0.02000	1.9905	0.10537	0.05072	26	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.9900	0.02000	1.9905	0.10537	0.05072	26	0.00	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.9950	0.05000	1.9905	0.10537	0.05072	26	0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	2.0050	0.03000	1.9905	0.10537	0.05072	26	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	2.0160	0.01200	1.9905	0.10537	0.05072	26	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	2.0500	0.02000	1.9905	0.10537	0.05072	26	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	2.0500	0.00000	1.9905	0.10537	0.05072	26	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	2126	2.0500	0.00000	1.9905	0.10537	0.05072	26	0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	2.0700	0.06000	1.9905	0.10537	0.05072	26	0.75	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	2.1000	0.08000	1.9905	0.10537	0.05072	26	1.04	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.1150	0.27000	1.9905	0.10537	0.05072	26	1.18	3%	0
019.31	Calcium, AAS, Dry ash (%)	0689	2.1450	0.03000	1.9905	0.10537	0.05072	26	1.47	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.1650	0.11000	1.9905	0.10537	0.05072	26	1.66	4%	0
019.31	Calcium, AAS, Dry ash (%)	0152	2.8500	0.10000	1.9905	0.10537	0.05072	26	8.16	22%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.0700	0.40000	1.9905	0.10537	0.05072	26	0.75	2%	1
019.32	Calcium, AAS, Open vessel (%)	0504	1.9000	0.10600	2.1090	0.13836	0.05120	5	-1.51	5%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.0650	0.03000	2.1090	0.13836	0.05120	5	-0.32	1%	0
019.32	Calcium, AAS, Open vessel (%)	0612	2.1350	0.03000	2.1090	0.13836	0.05120	5	0.19	1%	0
019.32	Calcium, AAS, Open vessel (%)	0035	2.1750	0.07000	2.1090	0.13836	0.05120	5	0.48	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	2.2700	0.02000	2.1090	0.13836	0.05120	5	1.16	4%	0
019.33	Calcium, AAS, Microwave (%)	0504	2.0745	0.01100				2			0
019.33	Calcium, AAS, Microwave (%)	0010	2.0750	0.01000				2			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.8200	0.04000	2.0169	0.10751	0.03745	29	-1.83	5%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.8400	0.00000	2.0169	0.10751	0.03745	29	-1.65	4%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.8450	0.01000	2.0169	0.10751	0.03745	29	-1.60	4%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.8500	0.10000	2.0169	0.10751	0.03745	29	-1.55	4%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.9200	0.06000	2.0169	0.10751	0.03745	29	-0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.9400	0.02000	2.0169	0.10751	0.03745	29	-0.72	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.9500	0.00000	2.0169	0.10751	0.03745	29	-0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.9675	0.00700	2.0169	0.10751	0.03745	29	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.9750	0.01000	2.0169	0.10751	0.03745	29	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.9768	0.00520	2.0169	0.10751	0.03745	29	-0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.9800	0.04000	2.0169	0.10751	0.03745	29	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.9815	0.02300	2.0169	0.10751	0.03745	29	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.0000	0.14000	2.0169	0.10751	0.03745	29	-0.16	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	2.0100	0.04000	2.0169	0.10751	0.03745	29	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0298	2.0200	0.02000	2.0169	0.10751	0.03745	29	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.0400	0.06000	2.0169	0.10751	0.03745	29	0.21	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			
019.41	Calcium, ICP, Dry ash (%)	0229	2.0400	0.02000	2.0169	0.10751	0.03745	29	0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.0500	0.08000	2.0169	0.10751	0.03745	29	0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	2.0520	0.05000	2.0169	0.10751	0.03745	29	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.0571	0.05280	2.0169	0.10751	0.03745	29	0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.0650	0.03000	2.0169	0.10751	0.03745	29	0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.0905	0.06500	2.0169	0.10751	0.03745	29	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0413	2.1000	0.00000	2.0169	0.10751	0.03745	29	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.1000	0.04000	2.0169	0.10751	0.03745	29	0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	2.1150	0.07000	2.0169	0.10751	0.03745	29	0.91	2%	0
019.41	Calcium, ICP, Dry ash (%)	0083	2.1245	0.00300	2.0169	0.10751	0.03745	29	1.00	3%	0
019.41	Calcium, ICP, Dry ash (%)	0405	2.1650	0.03000	2.0169	0.10751	0.03745	29	1.38	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.1700	0.02000	2.0169	0.10751	0.03745	29	1.42	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.2250	0.05000	2.0169	0.10751	0.03745	29	1.94	5%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.1750	0.21000	2.0169	0.10751	0.03745	29	1.47	4%	1
019.42	Calcium, ICP, Open vessel (%)	0042	1.6750	0.19000	2.0067	0.10744	0.06223	20	-3.09	8%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.8900	0.24000	2.0067	0.10744	0.06223	20	-1.09	3%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.8950	0.03000	2.0067	0.10744	0.06223	20	-1.04	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.9078	0.04950	2.0067	0.10744	0.06223	20	-0.92	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.9250	0.01000	2.0067	0.10744	0.06223	20	-0.76	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.9500	0.02200	2.0067	0.10744	0.06223	20	-0.53	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.9550	0.03000	2.0067	0.10744	0.06223	20	-0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.9600	0.12000	2.0067	0.10744	0.06223	20	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.9600	0.00000	2.0067	0.10744	0.06223	20	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.9790	0.04600	2.0067	0.10744	0.06223	20	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.0050	0.11000	2.0067	0.10744	0.06223	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.0150	0.03000	2.0067	0.10744	0.06223	20	0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.0600	0.02000	2.0067	0.10744	0.06223	20	0.50	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.0700	0.06000	2.0067	0.10744	0.06223	20	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.0700	0.22000	2.0067	0.10744	0.06223	20	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.0950	0.01000	2.0067	0.10744	0.06223	20	0.82	2%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.1095	0.02700	2.0067	0.10744	0.06223	20	0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.1100	0.00000	2.0067	0.10744	0.06223	20	0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	2.1650	0.01000	2.0067	0.10744	0.06223	20	1.47	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.2300	0.02000	2.0067	0.10744	0.06223	20	2.08	6%	0
019.42	Calcium, ICP, Open vessel (%)	0613	2.4500	0.44000	2.0067	0.10744	0.06223	20	4.13	11%	1
019.43	Calcium, ICP, Microwave (%)	0297	1.7850	0.01000	2.0108	0.14077	0.05718	22	-1.60	6%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.7960	0.00230	2.0108	0.14077	0.05718	22	-1.53	5%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.8280	0.10600	2.0108	0.14077	0.05718	22	-1.30	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.8600	0.02000	2.0108	0.14077	0.05718	22	-1.07	4%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.8950	0.05000	2.0108	0.14077	0.05718	22	-0.82	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.9200	0.02000	2.0108	0.14077	0.05718	22	-0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.9350	0.11000	2.0108	0.14077	0.05718	22	-0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0033	1.9500	0.00000	2.0108	0.14077	0.05718	22	-0.43	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.0000	0.02000	2.0108	0.14077	0.05718	22	-0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.0220	0.00000	2.0108	0.14077	0.05718	22	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	2.0368	0.02580	2.0108	0.14077	0.05718	22	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.0435	0.09500	2.0108	0.14077	0.05718	22	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	2.0505	0.07700	2.0108	0.14077	0.05718	22	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.0550	0.09000	2.0108	0.14077	0.05718	22	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	2.0600	0.00000	2.0108	0.14077	0.05718	22	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0168	2.0601	0.08390	2.0108	0.14077	0.05718	22	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	2033	2.1000	0.20000	2.0108	0.14077	0.05718	22	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	2.1250	0.00000	2.0108	0.14077	0.05718	22	0.81	3%	0
019.43	Calcium, ICP, Microwave (%)	2143	2.1250	0.05000	2.0108	0.14077	0.05718	22	0.81	3%	0
019.43	Calcium, ICP, Microwave (%)	0006	2.1280	0.02800	2.0108	0.14077	0.05718	22	0.83	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.2400	0.06000	2.0108	0.14077	0.05718	22	1.63	6%	0
019.43	Calcium, ICP, Microwave (%)	0018	2.3550	0.21000	2.0108	0.14077	0.05718	22	2.45	9%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.9150	0.03000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.6800	0.06000	2.0004	0.22128	0.06460	4	-1.45	8%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.0649	0.07740	2.0004	0.22128	0.06460	4	0.29	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	2.0675	0.02300	2.0004	0.22128	0.06460	4	0.30	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	2080	2.1890	0.09800	2.0004	0.22128	0.06460	4	0.85	5%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	2.0750	0.05000				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	2.0850	0.07000				2			0
019.99	Calcium, Miscellaneous (%)	2105	0.12500	0.03000	1.9548	0.12723	0.04480	5	-14.38	47%	0
019.99	Calcium, Miscellaneous (%)	0889	1.8350	0.11000	1.9548	0.12723	0.04480	5	-0.94	3%	0
019.99	Calcium, Miscellaneous (%)	0242	1.8850	0.03000	1.9548	0.12723	0.04480	5	-0.55	2%	0
019.99	Calcium, Miscellaneous (%)	0676	1.9740	0.02400	1.9548	0.12723	0.04480	5	0.15	0%	0
019.99	Calcium, Miscellaneous (%)	0100	2.1250	0.03000	1.9548	0.12723	0.04480	5	1.34	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	5.3500	0.50000	5.8300	0.52460	0.74000	3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	5.7500	0.30000	5.8300	0.52460	0.74000	3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	6.3900	1.4200	5.8300	0.52460	0.74000	3			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	7.3300	0.32000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	4.1950	0.01000	5.2668	0.96203	0.11967	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	5.5500	0.30000	5.2668	0.96203	0.11967	3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	6.0555	0.04900	5.2668	0.96203	0.11967	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	5.3181	0.77790	5.9030	0.54301	0.65330	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0366	6.0000	0.80000	5.9030	0.54301	0.65330	3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	6.3910	0.38200	5.9030	0.54301	0.65330	3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	5.2100	0.08000	5.9463	0.78243	0.13750	4	-0.94	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	5.5200	0.06000	5.9463	0.78243	0.13750	4	-0.54	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	6.0600	0.14000	5.9463	0.78243	0.13750	4	0.15	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	6.9950	0.27000	5.9463	0.78243	0.13750	4	1.34	9%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	4.5650	0.05000	4.9408	0.37377	1.0178	4	-1.01	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	2080	4.9450	0.09000	4.9408	0.37377	1.0178	4	0.01	0%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0096	5.3125	0.17100	4.9408	0.37377	1.0178	4	0.99	4%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	48.550	3.7600	4.9408	0.37377	1.0178	4	116.67	441%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	5.0620	0.53600	6.2030	0.89386	0.63290	5	-1.28	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	6.1152	0.35850	6.2030	0.89386	0.63290	5	-0.10	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0033	6.4100	0.14000	6.2030	0.89386	0.63290	5	0.23	2%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	7.2250	0.49000	6.2030	0.89386	0.63290	5	1.14	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0168	16.490	1.6400	6.2030	0.89386	0.63290	5	11.51	83%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	21.650	1.3000	30.229	1.8641	0.91920	15	-4.60	14%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	26.500	3.0000	30.229	1.8641	0.91920	15	-2.00	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	29.050	0.50000	30.229	1.8641	0.91920	15	-0.63	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	29.500	1.0000	30.229	1.8641	0.91920	15	-0.39	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	29.750	0.30000	30.229	1.8641	0.91920	15	-0.26	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	29.805	0.51000	30.229	1.8641	0.91920	15	-0.23	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	29.900	0.60000	30.229	1.8641	0.91920	15	-0.18	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	29.913	0.17800	30.229	1.8641	0.91920	15	-0.17	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	30.065	0.55000	30.229	1.8641	0.91920	15	-0.09	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	30.385	0.13000	30.229	1.8641	0.91920	15	0.08	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	31.000	0.00000	30.229	1.8641	0.91920	15	0.41	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	31.400	0.20000	30.229	1.8641	0.91920	15	0.63	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	31.750	0.30000	30.229	1.8641	0.91920	15	0.82	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	34.190	3.2200	30.229	1.8641	0.91920	15	2.12	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	39.000	2.0000	30.229	1.8641	0.91920	15	4.71	15%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	17.500	5.0000	30.881	9.0076	2.2502	5	-1.49	22%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	26.974	0.21100	30.881	9.0076	2.2502	5	-0.43	6%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	33.430	1.0400	30.881	9.0076	2.2502	5	0.28	4%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	35.500	3.0000	30.881	9.0076	2.2502	5	0.51	7%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	41.000	2.0000	30.881	9.0076	2.2502	5	1.12	16%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	32.960	4.1200	34.522	1.3758	2.1587	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	35.050	1.7000	34.522	1.3758	2.1587	3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	35.555	0.65600	34.522	1.3758	2.1587	3			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	19.155	3.2500	30.230	2.6844	1.7210	22	-4.13	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	24.500	3.0000	30.230	2.6844	1.7210	22	-2.13	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	27.150	3.6800	30.230	2.6844	1.7210	22	-1.15	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	27.470	3.0400	30.230	2.6844	1.7210	22	-1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	28.000	2.0000	30.230	2.6844	1.7210	22	-0.83	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	28.000	0.00000	30.230	2.6844	1.7210	22	-0.83	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	28.340	0.58000	30.230	2.6844	1.7210	22	-0.70	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	29.800	0.40000	30.230	2.6844	1.7210	22	-0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	30.000	6.0000	30.230	2.6844	1.7210	22	-0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	30.000	0.00000	30.230	2.6844	1.7210	22	-0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	30.115	1.7700	30.230	2.6844	1.7210	22	-0.04	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	30.400	3.0000	30.230	2.6844	1.7210	22	0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	30.855	2.0900	30.230	2.6844	1.7210	22	0.23	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	30.896	0.44240	30.230	2.6844	1.7210	22	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	31.400	0.20000	30.230	2.6844	1.7210	22	0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	31.980	0.66000	30.230	2.6844	1.7210	22	0.65	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	32.500	1.0000	30.230	2.6844	1.7210	22	0.85	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	32.500	1.0000	30.230	2.6844	1.7210	22	0.85	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	33.000	2.0000	30.230	2.6844	1.7210	22	1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	33.000	2.0000	30.230	2.6844	1.7210	22	1.03	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	33.200	0.00000	30.230	2.6844	1.7210	22	1.11	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	34.045	1.7500	30.230	2.6844	1.7210	22	1.42	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	31.065	8.0700	30.230	2.6844	1.7210	22	0.31	1%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	28.500	1.0000	32.545	3.5656	1.4602	17	-1.13	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	29.100	3.6000	32.545	3.5656	1.4602	17	-0.97	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	29.135	0.37000	32.545	3.5656	1.4602	17	-0.96	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	29.345	1.2500	32.545	3.5656	1.4602	17	-0.90	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	29.500	1.0000	32.545	3.5656	1.4602	17	-0.85	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	29.800	0.20000	32.545	3.5656	1.4602	17	-0.77	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	30.450	2.1000	32.545	3.5656	1.4602	17	-0.59	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	31.500	1.0000	32.545	3.5656	1.4602	17	-0.29	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	33.150	2.7000	32.545	3.5656	1.4602	17	0.17	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	33.470	0.16280	32.545	3.5656	1.4602	17	0.26	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	33.700	1.8000	32.545	3.5656	1.4602	17	0.32	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	33.960	1.2000	32.545	3.5656	1.4602	17	0.40	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	34.350	0.70000	32.545	3.5656	1.4602	17	0.51	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	35.500	3.0000	32.545	3.5656	1.4602	17	0.83	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	36.015	1.9900	32.545	3.5656	1.4602	17	0.97	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	38.535	2.4300	32.545	3.5656	1.4602	17	1.68	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	39.540	0.32000	32.545	3.5656	1.4602	17	1.96	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	31.750	6.9000	32.545	3.5656	1.4602	17	-0.22	1%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2143	26.880	0.36000	30.648	2.6072	0.94000	17	-1.45	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	28.000	0.00000	30.648	2.6072	0.94000	17	-1.02	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	28.440	1.1200	30.648	2.6072	0.94000	17	-0.85	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	28.750	0.50000	30.648	2.6072	0.94000	17	-0.73	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	29.200	0.00000	30.648	2.6072	0.94000	17	-0.56	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	29.500	1.0000	30.648	2.6072	0.94000	17	-0.44	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	29.500	1.0000	30.648	2.6072	0.94000	17	-0.44	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	29.685	0.65000	30.648	2.6072	0.94000	17	-0.37	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	30.050	0.10000	30.648	2.6072	0.94000	17	-0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	30.325	2.1900	30.648	2.6072	0.94000	17	-0.12	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	31.120	1.1400	30.648	2.6072	0.94000	17	0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	31.885	0.29000	30.648	2.6072	0.94000	17	0.47	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			
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	32.050	0.90000	30.648	2.6072	0.94000	17	0.54	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	32.550	0.70000	30.648	2.6072	0.94000	17	0.73	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	34.215	1.5900	30.648	2.6072	0.94000	17	1.37	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	34.310	1.4400	30.648	2.6072	0.94000	17	1.40	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	36.500	3.0000	30.648	2.6072	0.94000	17	2.24	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	47.740	14.740	30.648	2.6072	0.94000	17	6.56	28%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	33.150	0.70000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	27.850	0.94000	29.777	2.2785	0.70133	3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	2080	29.190	0.46000	29.777	2.2785	0.70133	3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0096	32.292	0.70400	29.777	2.2785	0.70133	3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	32.800	0.00000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	36.350	6.3000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	30.000	0.00000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	30.500	1.0000				2			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	11.500	1.0000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	1,152.6	6.0030	1,606.4	223.38	31.893	14	-2.03	14%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	1,304.5	11.000	1,606.4	223.38	31.893	14	-1.35	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	1,474.5	73.000	1,606.4	223.38	31.893	14	-0.59	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	1,500.7	63.700	1,606.4	223.38	31.893	14	-0.47	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	1,520.5	11.000	1,606.4	223.38	31.893	14	-0.38	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	1,540.0	60.000	1,606.4	223.38	31.893	14	-0.30	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	1,550.0	100.00	1,606.4	223.38	31.893	14	-0.25	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	1,598.0	22.000	1,606.4	223.38	31.893	14	-0.04	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	1,655.0	0.00000	1,606.4	223.38	31.893	14	0.22	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	1,685.2	6.6500	1,606.4	223.38	31.893	14	0.35	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	1,742.5	27.000	1,606.4	223.38	31.893	14	0.61	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	1,851.6	22.150	1,606.4	223.38	31.893	14	1.10	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	1,890.0	20.000	1,606.4	223.38	31.893	14	1.27	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0653	1,906.0	24.000	1,606.4	223.38	31.893	14	1.34	9%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	940.05	0.94000	1,313.4	310.06	138.49	4	-1.20	14%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	1,199.0	278.00	1,313.4	310.06	138.49	4	-0.37	4%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	1,465.0	220.00	1,313.4	310.06	138.49	4	0.49	6%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	1,649.5	55.000	1,313.4	310.06	138.49	4	1.08	13%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0010	700.00	200.00	1,314.7	537.92	101.27	3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	1,545.0	40.000	1,314.7	537.92	101.27	3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	1,699.2	63.796	1,314.7	537.92	101.27	3			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	674.00	8.0000	1,494.5	241.18	38.962	24	-3.40	27%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	982.50	5.0000	1,494.5	241.18	38.962	24	-2.12	17%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	1,071.9	2.1900	1,494.5	241.18	38.962	24	-1.75	14%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	1,177.5	125.00	1,494.5	241.18	38.962	24	-1.31	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	1,271.9	25.400	1,494.5	241.18	38.962	24	-0.92	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	1,277.5	81.000	1,494.5	241.18	38.962	24	-0.90	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	1,329.9	62.130	1,494.5	241.18	38.962	24	-0.68	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	1,391.0	10.000	1,494.5	241.18	38.962	24	-0.43	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	1,440.0	0.00000	1,494.5	241.18	38.962	24	-0.23	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	1,513.7	5.0990	1,494.5	241.18	38.962	24	0.08	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	1,525.5	5.0000	1,494.5	241.18	38.962	24	0.13	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	1,530.0	80.000	1,494.5	241.18	38.962	24	0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	1,547.5	37.000	1,494.5	241.18	38.962	24	0.22	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0848	1,584.7	0.91000	1,494.5	241.18	38.962	24	0.37	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	1,617.5	51.000	1,494.5	241.18	38.962	24	0.51	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	1,630.0	40.000	1,494.5	241.18	38.962	24	0.56	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	1,654.0	42.000	1,494.5	241.18	38.962	24	0.66	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	1,657.0	2.8100	1,494.5	241.18	38.962	24	0.67	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	1,681.5	23.000	1,494.5	241.18	38.962	24	0.78	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	1,701.5	99.000	1,494.5	241.18	38.962	24	0.86	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	1,713.2	80.550	1,494.5	241.18	38.962	24	0.91	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	1,715.0	16.000	1,494.5	241.18	38.962	24	0.91	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	1,750.5	83.000	1,494.5	241.18	38.962	24	1.06	9%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	1,761.5	51.000	1,494.5	241.18	38.962	24	1.11	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	39.540	0.32000	1,284.6	185.66	88.732	17	-6.71	48%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	552.00	32.000	1,284.6	185.66	88.732	17	-3.95	29%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0160	753.50	25.000	1,284.6	185.66	88.732	17	-2.86	21%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	1,158.0	18.000	1,284.6	185.66	88.732	17	-0.68	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	1,237.5	299.00	1,284.6	185.66	88.732	17	-0.25	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	1,260.0	20.000	1,284.6	185.66	88.732	17	-0.13	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	1,264.0	186.00	1,284.6	185.66	88.732	17	-0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	1,265.0	38.000	1,284.6	185.66	88.732	17	-0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	1,280.0	140.00	1,284.6	185.66	88.732	17	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	1,341.5	75.000	1,284.6	185.66	88.732	17	0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	1,364.0	366.00	1,284.6	185.66	88.732	17	0.43	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	1,372.8	1.0800	1,284.6	185.66	88.732	17	0.47	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	1,405.0	150.00	1,284.6	185.66	88.732	17	0.65	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	1,417.0	40.000	1,284.6	185.66	88.732	17	0.71	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	1,426.8	24.039	1,284.6	185.66	88.732	17	0.77	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	1,485.0	70.000	1,284.6	185.66	88.732	17	1.08	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	1,543.0	24.000	1,284.6	185.66	88.732	17	1.39	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	569.50	3.0000	1,439.8	170.48	36.919	17	-5.10	30%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2143	1,203.9	28.700	1,439.8	170.48	36.919	17	-1.38	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	1,312.2	43.780	1,439.8	170.48	36.919	17	-0.75	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	1,313.5	21.000	1,439.8	170.48	36.919	17	-0.74	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	1,369.2	107.28	1,439.8	170.48	36.919	17	-0.41	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	1,378.3	39.700	1,439.8	170.48	36.919	17	-0.36	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	1,383.3	5.4000	1,439.8	170.48	36.919	17	-0.33	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			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	1,396.7	54.360	1,439.8	170.48	36.919	17	-0.25	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	1,405.0	0.00000	1,439.8	170.48	36.919	17	-0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	1,450.0	100.00	1,439.8	170.48	36.919	17	0.06	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	1,460.0	40.000	1,439.8	170.48	36.919	17	0.12	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	1,475.0	10.000	1,439.8	170.48	36.919	17	0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	1,571.5	13.000	1,439.8	170.48	36.919	17	0.77	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	1,571.9	54.400	1,439.8	170.48	36.919	17	0.77	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	1,641.5	37.000	1,439.8	170.48	36.919	17	1.18	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	1,665.0	10.000	1,439.8	170.48	36.919	17	1.32	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	1,720.0	60.000	1,439.8	170.48	36.919	17	1.64	10%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	787.05	27.010	1,282.4	334.61	44.647	4	-1.48	19%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0096	1,375.5	42.637	1,282.4	334.61	44.647	4	0.28	4%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	2080	1,461.8	46.910	1,282.4	334.61	44.647	4	0.54	7%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	1,505.2	62.030	1,282.4	334.61	44.647	4	0.67	9%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	1,810.0	80.000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	1,369.5	67.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	1,394.5	23.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.33920	0.02980	0.40024	0.02403	0.00904	18	-2.54	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.37500	0.01000	0.40024	0.02403	0.00904	18	-1.05	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.37900	0.00200	0.40024	0.02403	0.00904	18	-0.88	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.37970	0.00020	0.40024	0.02403	0.00904	18	-0.85	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.38230	0.00980	0.40024	0.02403	0.00904	18	-0.75	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.38500	0.00200	0.40024	0.02403	0.00904	18	-0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.39000	0.00000	0.40024	0.02403	0.00904	18	-0.43	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.39300	0.02600	0.40024	0.02403	0.00904	18	-0.30	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.39500	0.01000	0.40024	0.02403	0.00904	18	-0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.40500	0.01000	0.40024	0.02403	0.00904	18	0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.40550	0.01500	0.40024	0.02403	0.00904	18	0.22	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.40750	0.00500	0.40024	0.02403	0.00904	18	0.30	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.40800	0.01000	0.40024	0.02403	0.00904	18	0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.41500	0.01000	0.40024	0.02403	0.00904	18	0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.42300	0.00000	0.40024	0.02403	0.00904	18	0.95	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.42450	0.00300	0.40024	0.02403	0.00904	18	1.01	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.44500	0.01000	0.40024	0.02403	0.00904	18	1.86	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.45500	0.01000	0.40024	0.02403	0.00904	18	2.28	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.42820	0.05620	0.40024	0.02403	0.00904	18	1.16	3%	1
027.32	Magnesium, AAS, Open vessel (%)	0612	0.41100	0.00400	0.42120	0.00705	0.01000	5	-1.45	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.42000	0.02000	0.42120	0.00705	0.01000	5	-0.17	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.42000	0.02000	0.42120	0.00705	0.01000	5	-0.17	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.42500	0.00600	0.42120	0.00705	0.01000	5	0.54	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.43000	0.00000	0.42120	0.00705	0.01000	5	1.25	1%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.34050	0.00100	0.37633	0.03480	0.00067	3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.33	Magnesium, AAS, Microwave (%)	0504	0.37850	0.00100	0.37633	0.03480	0.00067	3			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.41000	0.00000	0.37633	0.03480	0.00067	3			0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.36000	0.00000	0.41289	0.01414	0.00534	25	-3.74	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.39000	0.00000	0.41289	0.01414	0.00534	25	-1.62	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.40000	0.00000	0.41289	0.01414	0.00534	25	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.40000	0.00000	0.41289	0.01414	0.00534	25	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.40000	0.00000	0.41289	0.01414	0.00534	25	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.40000	0.00000	0.41289	0.01414	0.00534	25	-0.91	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.40165	0.00530	0.41289	0.01414	0.00534	25	-0.79	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.40500	0.01000	0.41289	0.01414	0.00534	25	-0.56	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.40500	0.01000	0.41289	0.01414	0.00534	25	-0.56	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.41050	0.00020	0.41289	0.01414	0.00534	25	-0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.41250	0.00300	0.41289	0.01414	0.00534	25	-0.03	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.41305	0.01750	0.41289	0.01414	0.00534	25	0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.41450	0.00300	0.41289	0.01414	0.00534	25	0.11	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.41500	0.01000	0.41289	0.01414	0.00534	25	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.41500	0.01000	0.41289	0.01414	0.00534	25	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.41650	0.00300	0.41289	0.01414	0.00534	25	0.26	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.41700	0.00400	0.41289	0.01414	0.00534	25	0.29	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.41800	0.00400	0.41289	0.01414	0.00534	25	0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.42000	0.02000	0.41289	0.01414	0.00534	25	0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.42000	0.00000	0.41289	0.01414	0.00534	25	0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.42290	0.00360	0.41289	0.01414	0.00534	25	0.71	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.43000	0.00000	0.41289	0.01414	0.00534	25	1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.44000	0.02000	0.41289	0.01414	0.00534	25	1.92	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.44500	0.01000	0.41289	0.01414	0.00534	25	2.27	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.45000	0.00000	0.41289	0.01414	0.00534	25	2.62	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.43450	0.02900	0.41289	0.01414	0.00534	25	1.53	3%	1
027.42	Magnesium, ICP, Open vessel (%)	0042	0.36550	0.03900	0.41145	0.01871	0.01644	18	-2.46	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.39500	0.01000	0.41145	0.01871	0.01644	18	-0.88	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.39500	0.01000	0.41145	0.01871	0.01644	18	-0.88	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.39850	0.02500	0.41145	0.01871	0.01644	18	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.40000	0.04000	0.41145	0.01871	0.01644	18	-0.61	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.40000	0.02000	0.41145	0.01871	0.01644	18	-0.61	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.40400	0.00200	0.41145	0.01871	0.01644	18	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.40500	0.01000	0.41145	0.01871	0.01644	18	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.40500	0.01000	0.41145	0.01871	0.01644	18	-0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.40860	0.00740	0.41145	0.01871	0.01644	18	-0.15	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.41000	0.00000	0.41145	0.01871	0.01644	18	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.41290	0.00220	0.41145	0.01871	0.01644	18	0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.42000	0.00000	0.41145	0.01871	0.01644	18	0.46	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.42500	0.01000	0.41145	0.01871	0.01644	18	0.72	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0190	0.43000	0.04000	0.41145	0.01871	0.01644	18	0.99	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.43475	0.00650	0.41145	0.01871	0.01644	18	1.24	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.44380	0.06380	0.41145	0.01871	0.01644	18	1.73	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.45000	0.00000	0.41145	0.01871	0.01644	18	2.06	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.48000	0.10000	0.41145	0.01871	0.01644	18	3.66	8%	1
027.43	Magnesium, ICP, Microwave (%)	0297	0.37000	0.00000	0.41139	0.02929	0.00663	18	-1.41	5%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.37600	0.00800	0.41139	0.02929	0.00663	18	-1.21	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.38000	0.02000	0.41139	0.02929	0.00663	18	-1.07	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.39000	0.00000	0.41139	0.02929	0.00663	18	-0.73	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.39350	0.00300	0.41139	0.02929	0.00663	18	-0.61	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.39500	0.01000	0.41139	0.02929	0.00663	18	-0.56	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.40150	0.00500	0.41139	0.02929	0.00663	18	-0.34	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.40250	0.00300	0.41139	0.02929	0.00663	18	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.40950	0.00100	0.41139	0.02929	0.00663	18	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.41000	0.00000	0.41139	0.02929	0.00663	18	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.41500	0.01000	0.41139	0.02929	0.00663	18	0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.41800	0.02000	0.41139	0.02929	0.00663	18	0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.42000	0.00000	0.41139	0.02929	0.00663	18	0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.43070	0.00520	0.41139	0.02929	0.00663	18	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.43955	0.02310	0.41139	0.02929	0.00663	18	0.96	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.44350	0.00100	0.41139	0.02929	0.00663	18	1.10	4%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.45500	0.01000	0.41139	0.02929	0.00663	18	1.49	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.45600	0.00000	0.41139	0.02929	0.00663	18	1.52	5%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.42550	0.01300				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.04850	0.00300	0.41198	0.01149	0.00588	4	-31.63	44%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	2080	0.40520	0.00140	0.41198	0.01149	0.00588	4	-0.59	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.40550	0.01300	0.41198	0.01149	0.00588	4	-0.56	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.42525	0.00610	0.41198	0.01149	0.00588	4	1.15	2%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.41850	0.00900				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.45200	0.02800				2			0
027.99	Magnesium, Miscellaneous (%)	0889	0.36000	0.04000	0.42000	0.02828	0.01333	3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.40000	0.00000	0.42000	0.02828	0.01333	3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.44000	0.00000	0.42000	0.02828	0.01333	3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	354.00	44.000	407.72	21.546	7.3788	14	-2.49	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	384.00	8.0000	407.72	21.546	7.3788	14	-1.10	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	384.00	4.0000	407.72	21.546	7.3788	14	-1.10	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	392.00	0.00000	407.72	21.546	7.3788	14	-0.73	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	401.23	9.3500	407.72	21.546	7.3788	14	-0.30	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	403.00	2.0000	407.72	21.546	7.3788	14	-0.22	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	409.91	11.170	407.72	21.546	7.3788	14	0.10	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	410.00	2.0000	407.72	21.546	7.3788	14	0.11	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	415.64	0.19310	407.72	21.546	7.3788	14	0.37	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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	416.00	2.0000	407.72	21.546	7.3788	14	0.38	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	421.11	3.1900	407.72	21.546	7.3788	14	0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	423.05	9.9000	407.72	21.546	7.3788	14	0.71	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	433.75	7.5000	407.72	21.546	7.3788	14	1.21	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	439.00	0.00000	407.72	21.546	7.3788	14	1.45	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	365.00	128.00	407.72	21.546	7.3788	14	-1.98	5%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	395.00	10.000	435.67	33.837	13.497	4	-1.20	5%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	426.50	11.000	435.67	33.837	13.497	4	-0.27	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	445.50	29.000	435.67	33.837	13.497	4	0.29	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	475.67	3.9880	435.67	33.837	13.497	4	1.18	5%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	404.85	0.55600				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	423.00	18.000				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	334.14	1.4100	407.81	22.995	9.5847	23	-3.20	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	375.79	11.780	407.81	22.995	9.5847	23	-1.39	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	380.00	8.0000	407.81	22.995	9.5847	23	-1.21	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	386.00	2.0000	407.81	22.995	9.5847	23	-0.95	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	387.30	17.200	407.81	22.995	9.5847	23	-0.89	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	392.46	10.838	407.81	22.995	9.5847	23	-0.67	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	392.96	4.0800	407.81	22.995	9.5847	23	-0.65	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	396.50	5.0000	407.81	22.995	9.5847	23	-0.49	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	401.65	3.3000	407.81	22.995	9.5847	23	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	403.40	12.600	407.81	22.995	9.5847	23	-0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	406.00	0.00000	407.81	22.995	9.5847	23	-0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	408.50	21.000	407.81	22.995	9.5847	23	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	410.00	2.0000	407.81	22.995	9.5847	23	0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	412.00	10.000	407.81	22.995	9.5847	23	0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	413.40	20.800	407.81	22.995	9.5847	23	0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	417.00	6.0000	407.81	22.995	9.5847	23	0.40	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	422.00	0.00000	407.81	22.995	9.5847	23	0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	426.53	22.120	407.81	22.995	9.5847	23	0.81	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	426.60	10.200	407.81	22.995	9.5847	23	0.82	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	431.84	0.00000	407.81	22.995	9.5847	23	1.05	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	436.00	20.000	407.81	22.995	9.5847	23	1.23	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	438.00	24.000	407.81	22.995	9.5847	23	1.31	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	448.71	8.1200	407.81	22.995	9.5847	23	1.78	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	379.00	80.000	407.81	22.995	9.5847	23	-1.25	4%	1
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	1.3350	0.03000	407.81	22.995	9.5847	23	-17.68	50%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	362.29	16.180	424.19	32.581	15.258	20	-1.90	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	383.50	3.0000	424.19	32.581	15.258	20	-1.25	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	390.00	16.000	424.19	32.581	15.258	20	-1.05	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	402.00	36.000	424.19	32.581	15.258	20	-0.68	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	404.00	24.000	424.19	32.581	15.258	20	-0.62	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	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	408.00	16.000	424.19	32.581	15.258	20	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	411.10	12.000	424.19	32.581	15.258	20	-0.40	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	411.70	13.000	424.19	32.581	15.258	20	-0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	413.21	32.412	424.19	32.581	15.258	20	-0.34	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	416.50	57.000	424.19	32.581	15.258	20	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	417.00	8.0000	424.19	32.581	15.258	20	-0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	423.50	3.0000	424.19	32.581	15.258	20	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	430.40	0.40000	424.19	32.581	15.258	20	0.19	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	431.27	2.9400	424.19	32.581	15.258	20	0.22	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	451.43	0.81000	424.19	32.581	15.258	20	0.84	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	453.00	8.0000	424.19	32.581	15.258	20	0.88	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	453.25	1.5000	424.19	32.581	15.258	20	0.89	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0160	462.50	49.000	424.19	32.581	15.258	20	1.18	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	476.35	2.9000	424.19	32.581	15.258	20	1.60	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	497.49	3.0200	424.19	32.581	15.258	20	2.25	9%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	363.50	5.0000	409.17	23.846	9.4288	17	-1.92	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	380.50	3.0000	409.17	23.846	9.4288	17	-1.20	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	387.50	1.0000	409.17	23.846	9.4288	17	-0.91	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	392.12	9.6900	409.17	23.846	9.4288	17	-0.72	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	395.85	1.7000	409.17	23.846	9.4288	17	-0.56	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	399.50	9.0000	409.17	23.846	9.4288	17	-0.41	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	403.00	0.00000	409.17	23.846	9.4288	17	-0.26	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	403.60	9.6000	409.17	23.846	9.4288	17	-0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	405.00	6.0000	409.17	23.846	9.4288	17	-0.17	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	407.54	17.680	409.17	23.846	9.4288	17	-0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	411.55	29.350	409.17	23.846	9.4288	17	0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	420.60	4.2000	409.17	23.846	9.4288	17	0.48	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	426.40	21.600	409.17	23.846	9.4288	17	0.72	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	426.97	7.3400	409.17	23.846	9.4288	17	0.75	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	432.50	25.000	409.17	23.846	9.4288	17	0.98	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	460.63	0.13000	409.17	23.846	9.4288	17	2.16	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	471.00	10.000	409.17	23.846	9.4288	17	2.59	8%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	445.00	26.000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	383.14	15.280	437.88	58.106	18.083	3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0096	431.66	28.969	437.88	58.106	18.083	3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	2080	498.85	10.000	437.88	58.106	18.083	3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	414.50	13.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	430.50	1.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	415.00	4.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	447.50	1.0000				2			0
031.01	Phosphorus, Photometric (%)	2128	1.0470	0.02400	1.4893	0.06375	0.03023	46	-6.94	15%	0
031.01	Phosphorus, Photometric (%)	0609	1.0650	0.03000	1.4893	0.06375	0.03023	46	-6.66	14%	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 (%)	0108	1.1900	0.00000	1.4893	0.06375	0.03023	46	-4.69	10%	0
031.01	Phosphorus, Photometric (%)	2080	1.3450	0.03000	1.4893	0.06375	0.03023	46	-2.26	5%	0
031.01	Phosphorus, Photometric (%)	0552	1.3550	0.01000	1.4893	0.06375	0.03023	46	-2.11	5%	0
031.01	Phosphorus, Photometric (%)	0874	1.3588	0.12020	1.4893	0.06375	0.03023	46	-2.05	4%	0
031.01	Phosphorus, Photometric (%)	0620	1.4262	0.00150	1.4893	0.06375	0.03023	46	-0.99	2%	0
031.01	Phosphorus, Photometric (%)	0233	1.4300	0.06000	1.4893	0.06375	0.03023	46	-0.93	2%	0
031.01	Phosphorus, Photometric (%)	2097	1.4438	0.07130	1.4893	0.06375	0.03023	46	-0.71	2%	0
031.01	Phosphorus, Photometric (%)	0152	1.4450	0.05000	1.4893	0.06375	0.03023	46	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0897	1.4450	0.01000	1.4893	0.06375	0.03023	46	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0142	1.4492	0.02130	1.4893	0.06375	0.03023	46	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0904	1.4550	0.07000	1.4893	0.06375	0.03023	46	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	2109	1.4610	0.02400	1.4893	0.06375	0.03023	46	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	0623	1.4640	0.07800	1.4893	0.06375	0.03023	46	-0.40	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.4695	0.00900	1.4893	0.06375	0.03023	46	-0.31	1%	0
031.01	Phosphorus, Photometric (%)	0651	1.4715	0.00900	1.4893	0.06375	0.03023	46	-0.28	1%	0
031.01	Phosphorus, Photometric (%)	0881	1.4780	0.00600	1.4893	0.06375	0.03023	46	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0018	1.4800	0.04000	1.4893	0.06375	0.03023	46	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0175	1.4800	0.02000	1.4893	0.06375	0.03023	46	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0354	1.4850	0.01000	1.4893	0.06375	0.03023	46	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.4850	0.09000	1.4893	0.06375	0.03023	46	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0885	1.4858	0.01000	1.4893	0.06375	0.03023	46	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0884	1.4900	0.04000	1.4893	0.06375	0.03023	46	0.01	0%	0
031.01	Phosphorus, Photometric (%)	2009	1.4936	0.00290	1.4893	0.06375	0.03023	46	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0563	1.4943	0.02130	1.4893	0.06375	0.03023	46	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0208	1.4965	0.11700	1.4893	0.06375	0.03023	46	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0629	1.5000	0.04000	1.4893	0.06375	0.03023	46	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0687	1.5000	0.10000	1.4893	0.06375	0.03023	46	0.17	0%	0
031.01	Phosphorus, Photometric (%)	0653	1.5065	0.01900	1.4893	0.06375	0.03023	46	0.27	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.5200	0.00000	1.4893	0.06375	0.03023	46	0.48	1%	0
031.01	Phosphorus, Photometric (%)	2006	1.5260	0.01600	1.4893	0.06375	0.03023	46	0.58	1%	0
031.01	Phosphorus, Photometric (%)	0728	1.5300	0.00000	1.4893	0.06375	0.03023	46	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0937	1.5300	0.00000	1.4893	0.06375	0.03023	46	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0723	1.5338	0.00000	1.4893	0.06375	0.03023	46	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0596	1.5350	0.03000	1.4893	0.06375	0.03023	46	0.72	2%	0
031.01	Phosphorus, Photometric (%)	0035	1.5400	0.02000	1.4893	0.06375	0.03023	46	0.80	2%	0
031.01	Phosphorus, Photometric (%)	2068	1.5450	0.01000	1.4893	0.06375	0.03023	46	0.87	2%	0
031.01	Phosphorus, Photometric (%)	0674	1.5500	0.00000	1.4893	0.06375	0.03023	46	0.95	2%	0
031.01	Phosphorus, Photometric (%)	0683	1.5500	0.02000	1.4893	0.06375	0.03023	46	0.95	2%	0
031.01	Phosphorus, Photometric (%)	0868	1.5550	0.01000	1.4893	0.06375	0.03023	46	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.5550	0.03000	1.4893	0.06375	0.03023	46	1.03	2%	0
031.01	Phosphorus, Photometric (%)	0066	1.5900	0.02000	1.4893	0.06375	0.03023	46	1.58	3%	0
031.01	Phosphorus, Photometric (%)	0940	1.6500	0.08000	1.4893	0.06375	0.03023	46	2.52	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			
031.01	Phosphorus, Photometric (%)	0511	1.7100	0.00000	1.4893	0.06375	0.03023	46	3.46	7%	0
031.01	Phosphorus, Photometric (%)	2126	1.7200	0.02000	1.4893	0.06375	0.03023	46	3.62	8%	0
031.01	Phosphorus, Photometric (%)	0689	1.5850	0.15000	1.4893	0.06375	0.03023	46	1.50	3%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.5000	0.02000	1.5087	0.01023	0.01050	4	-0.85	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.5000	0.02000	1.5087	0.01023	0.01050	4	-0.85	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	1.5146	0.00200	1.5087	0.01023	0.01050	4	0.58	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	1.5200	0.00000	1.5087	0.01023	0.01050	4	1.11	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.4750	0.01000	1.5091	0.03947	0.10948	4	-0.86	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.5000	0.02000	1.5091	0.03947	0.10948	4	-0.23	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.5524	0.00790	1.5091	0.03947	0.10948	4	1.10	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0047	1.5900	0.40000	1.5091	0.03947	0.10948	4	2.05	3%	0
031.06	Phosphorus, Hach Method (%)	0138	1.3800	0.02200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0083	1.3800	0.00000	1.5184	0.07384	0.03484	29	-1.87	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.3950	0.01000	1.5184	0.07384	0.03484	29	-1.67	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.4250	0.05000	1.5184	0.07384	0.03484	29	-1.26	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.4335	0.00700	1.5184	0.07384	0.03484	29	-1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	1.4500	0.04000	1.5184	0.07384	0.03484	29	-0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	1.4500	0.00000	1.5184	0.07384	0.03484	29	-0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.4700	0.06000	1.5184	0.07384	0.03484	29	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.4790	0.00800	1.5184	0.07384	0.03484	29	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.4800	0.10000	1.5184	0.07384	0.03484	29	-0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.4885	0.04900	1.5184	0.07384	0.03484	29	-0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.4950	0.11400	1.5184	0.07384	0.03484	29	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.5100	0.06000	1.5184	0.07384	0.03484	29	-0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.5150	0.03000	1.5184	0.07384	0.03484	29	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.5150	0.01000	1.5184	0.07384	0.03484	29	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.5150	0.03000	1.5184	0.07384	0.03484	29	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.5200	0.00000	1.5184	0.07384	0.03484	29	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.5299	0.01710	1.5184	0.07384	0.03484	29	0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.5300	0.02000	1.5184	0.07384	0.03484	29	0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.5400	0.00000	1.5184	0.07384	0.03484	29	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.5400	0.04000	1.5184	0.07384	0.03484	29	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.5400	0.06000	1.5184	0.07384	0.03484	29	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.5500	0.00000	1.5184	0.07384	0.03484	29	0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.5600	0.06000	1.5184	0.07384	0.03484	29	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.5700	0.02000	1.5184	0.07384	0.03484	29	0.70	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.5950	0.01000	1.5184	0.07384	0.03484	29	1.04	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	1.6400	0.00000	1.5184	0.07384	0.03484	29	1.65	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.6489	0.10620	1.5184	0.07384	0.03484	29	1.77	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.6550	0.05000	1.5184	0.07384	0.03484	29	1.85	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.6685	0.05900	1.5184	0.07384	0.03484	29	2.03	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.3500	0.06000	1.4823	0.08176	0.06330	21	-1.62	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.3550	0.11000	1.4823	0.08176	0.06330	21	-1.56	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.3800	0.02000	1.4823	0.08176	0.06330	21	-1.25	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.4200	0.05000	1.4823	0.08176	0.06330	21	-0.76	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	1.4400	0.00000	1.4823	0.08176	0.06330	21	-0.52	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.4450	0.23000	1.4823	0.08176	0.06330	21	-0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.4500	0.04000	1.4823	0.08176	0.06330	21	-0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.4550	0.07000	1.4823	0.08176	0.06330	21	-0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.4650	0.03000	1.4823	0.08176	0.06330	21	-0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.4700	0.08000	1.4823	0.08176	0.06330	21	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.4750	0.03000	1.4823	0.08176	0.06330	21	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.4750	0.07000	1.4823	0.08176	0.06330	21	-0.09	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.4850	0.01000	1.4823	0.08176	0.06330	21	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.4850	0.03000	1.4823	0.08176	0.06330	21	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.5345	0.00700	1.4823	0.08176	0.06330	21	0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.5400	0.06000	1.4823	0.08176	0.06330	21	0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.5500	0.26000	1.4823	0.08176	0.06330	21	0.83	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.5553	0.06040	1.4823	0.08176	0.06330	21	0.89	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.5890	0.01200	1.4823	0.08176	0.06330	21	1.31	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.5900	0.08000	1.4823	0.08176	0.06330	21	1.32	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.7300	0.02000	1.4823	0.08176	0.06330	21	3.03	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	1.6650	0.39000	1.4823	0.08176	0.06330	21	2.23	6%	1
031.43	Phosphorus, ICP, Microwave (%)	0297	1.2600	0.02000	1.4935	0.08476	0.02201	21	-2.75	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	1.3850	0.03000	1.4935	0.08476	0.02201	21	-1.28	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.4080	0.01400	1.4935	0.08476	0.02201	21	-1.01	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.4200	0.00000	1.4935	0.08476	0.02201	21	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.4200	0.00000	1.4935	0.08476	0.02201	21	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.4335	0.04500	1.4935	0.08476	0.02201	21	-0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.4500	0.04000	1.4935	0.08476	0.02201	21	-0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.4600	0.02000	1.4935	0.08476	0.02201	21	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	1.4688	0.03480	1.4935	0.08476	0.02201	21	-0.29	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.4900	0.02000	1.4935	0.08476	0.02201	21	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.4900	0.00000	1.4935	0.08476	0.02201	21	-0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.5050	0.03000	1.4935	0.08476	0.02201	21	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.5150	0.01000	1.4935	0.08476	0.02201	21	0.25	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.5220	0.00200	1.4935	0.08476	0.02201	21	0.34	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.5350	0.01000	1.4935	0.08476	0.02201	21	0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	1.5380	0.00000	1.4935	0.08476	0.02201	21	0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.5403	0.02230	1.4935	0.08476	0.02201	21	0.55	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	1.5643	0.06210	1.4935	0.08476	0.02201	21	0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.6110	0.00200	1.4935	0.08476	0.02201	21	1.39	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2033	1.6300	0.08000	1.4935	0.08476	0.02201	21	1.61	5%	0
031.43	Phosphorus, ICP, Microwave (%)	2143	1.7100	0.02000	1.4935	0.08476	0.02201	21	2.55	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			
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.4900	0.02000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.5287	0.00990				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.5600	0.06000				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.5950	0.11000				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	1.2250	0.09000	1.4573	0.11279	0.04550	6	-2.06	8%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.3900	0.02000	1.4573	0.11279	0.04550	6	-0.60	2%	0
031.99	Phosphorus, Miscellaneous (%)	0590	1.4750	0.01000	1.4573	0.11279	0.04550	6	0.16	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.5250	0.15000	1.4573	0.11279	0.04550	6	0.60	2%	0
031.99	Phosphorus, Miscellaneous (%)	0100	1.5300	0.00000	1.4573	0.11279	0.04550	6	0.64	2%	0
031.99	Phosphorus, Miscellaneous (%)	0676	1.5355	0.00300	1.4573	0.11279	0.04550	6	0.69	3%	0
032.02	Potassium, Flame Emission (%)	0590	1.6350	0.01000	1.7438	0.09461	0.02567	3			0
032.02	Potassium, Flame Emission (%)	0504	1.7900	0.06000	1.7438	0.09461	0.02567	3			0
032.02	Potassium, Flame Emission (%)	0881	1.8065	0.00700	1.7438	0.09461	0.02567	3			0
032.31	Potassium, AAS, Dry ash (%)	0142	1.4517	0.00370	1.7121	0.09073	0.02957	20	-2.87	8%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.5550	0.01000	1.7121	0.09073	0.02957	20	-1.73	5%	0
032.31	Potassium, AAS, Dry ash (%)	0689	1.6250	0.05000	1.7121	0.09073	0.02957	20	-0.96	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.6300	0.10000	1.7121	0.09073	0.02957	20	-0.90	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.6400	0.04000	1.7121	0.09073	0.02957	20	-0.79	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.6788	0.04550	1.7121	0.09073	0.02957	20	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.6800	0.02000	1.7121	0.09073	0.02957	20	-0.35	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.6829	0.01220	1.7121	0.09073	0.02957	20	-0.32	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.6900	0.02000	1.7121	0.09073	0.02957	20	-0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.6950	0.01000	1.7121	0.09073	0.02957	20	-0.19	0%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.7150	0.03000	1.7121	0.09073	0.02957	20	0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.7200	0.02000	1.7121	0.09073	0.02957	20	0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.7450	0.01000	1.7121	0.09073	0.02957	20	0.36	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.7600	0.02000	1.7121	0.09073	0.02957	20	0.53	1%	0
032.31	Potassium, AAS, Dry ash (%)	2126	1.7600	0.00000	1.7121	0.09073	0.02957	20	0.53	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.7700	0.06000	1.7121	0.09073	0.02957	20	0.64	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.8000	0.02000	1.7121	0.09073	0.02957	20	0.97	3%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.8100	0.08000	1.7121	0.09073	0.02957	20	1.08	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.8400	0.00000	1.7121	0.09073	0.02957	20	1.41	4%	0
032.31	Potassium, AAS, Dry ash (%)	0066	1.8500	0.04000	1.7121	0.09073	0.02957	20	1.52	4%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.6700	0.14000	1.7121	0.09073	0.02957	20	-0.46	1%	1
032.32	Potassium, AAS, Open vessel (%)	0612	1.7000	0.10000	1.8025	0.10508	0.05000	4	-0.98	3%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.7550	0.05000	1.8025	0.10508	0.05000	4	-0.45	1%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.8100	0.02000	1.8025	0.10508	0.05000	4	0.07	0%	0
032.32	Potassium, AAS, Open vessel (%)	0035	1.9450	0.03000	1.8025	0.10508	0.05000	4	1.36	4%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.4150	0.01000	1.7498	0.07107	0.02489	25	-4.71	10%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.5700	0.06000	1.7498	0.07107	0.02489	25	-2.53	5%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.5950	0.01000	1.7498	0.07107	0.02489	25	-2.18	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.6950	0.01000	1.7498	0.07107	0.02489	25	-0.77	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			
032.41	Potassium, ICP, Dry ash (%)	0144	1.7050	0.01000	1.7498	0.07107	0.02489	25	-0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.7100	0.00000	1.7498	0.07107	0.02489	25	-0.56	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.7150	0.01000	1.7498	0.07107	0.02489	25	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.7330	0.00070	1.7498	0.07107	0.02489	25	-0.24	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.7335	0.06700	1.7498	0.07107	0.02489	25	-0.23	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.7350	0.03000	1.7498	0.07107	0.02489	25	-0.21	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.7350	0.03000	1.7498	0.07107	0.02489	25	-0.21	0%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.7400	0.02000	1.7498	0.07107	0.02489	25	-0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.7410	0.07000	1.7498	0.07107	0.02489	25	-0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.7450	0.03000	1.7498	0.07107	0.02489	25	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.7450	0.01000	1.7498	0.07107	0.02489	25	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.7450	0.01000	1.7498	0.07107	0.02489	25	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.7550	0.01000	1.7498	0.07107	0.02489	25	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.7700	0.04000	1.7498	0.07107	0.02489	25	0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.7740	0.00600	1.7498	0.07107	0.02489	25	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.8155	0.07100	1.7498	0.07107	0.02489	25	0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.8265	0.02500	1.7498	0.07107	0.02489	25	1.08	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.8400	0.02000	1.7498	0.07107	0.02489	25	1.27	3%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.8450	0.03000	1.7498	0.07107	0.02489	25	1.34	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.8911	0.03260	1.7498	0.07107	0.02489	25	1.99	4%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.9050	0.01000	1.7498	0.07107	0.02489	25	2.18	4%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.9400	0.12000	1.7498	0.07107	0.02489	25	2.68	5%	1
032.42	Potassium, ICP, Open vessel (%)	0504	1.6190	0.01200	1.8156	0.10168	0.06453	21	-1.93	5%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.6850	0.13000	1.8156	0.10168	0.06453	21	-1.28	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.6950	0.23000	1.8156	0.10168	0.06453	21	-1.19	3%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.7400	0.06000	1.8156	0.10168	0.06453	21	-0.74	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.7400	0.02000	1.8156	0.10168	0.06453	21	-0.74	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.7545	0.02100	1.8156	0.10168	0.06453	21	-0.60	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.7650	0.13000	1.8156	0.10168	0.06453	21	-0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.7800	0.08000	1.8156	0.10168	0.06453	21	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.7900	0.00000	1.8156	0.10168	0.06453	21	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.8000	0.00000	1.8156	0.10168	0.06453	21	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.8100	0.20000	1.8156	0.10168	0.06453	21	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.8250	0.03000	1.8156	0.10168	0.06453	21	0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.8361	0.02110	1.8156	0.10168	0.06453	21	0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.8450	0.01000	1.8156	0.10168	0.06453	21	0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.8475	0.00100	1.8156	0.10168	0.06453	21	0.31	1%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.8550	0.05000	1.8156	0.10168	0.06453	21	0.39	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.8850	0.01000	1.8156	0.10168	0.06453	21	0.68	2%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.9150	0.03000	1.8156	0.10168	0.06453	21	0.98	3%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.9600	0.28000	1.8156	0.10168	0.06453	21	1.42	4%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.9900	0.02000	1.8156	0.10168	0.06453	21	1.72	5%	0

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032.42	Potassium, ICP, Open vessel (%)	0366	2.0700	0.02000	1.8156	0.10168	0.06453	21	2.50	7%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.5850	0.03000	1.7594	0.09436	0.02309	19	-1.85	5%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.6105	0.01100	1.7594	0.09436	0.02309	19	-1.58	4%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.6550	0.03000	1.7594	0.09436	0.02309	19	-1.11	3%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.6950	0.03000	1.7594	0.09436	0.02309	19	-0.68	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.7000	0.02000	1.7594	0.09436	0.02309	19	-0.63	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.7100	0.02000	1.7594	0.09436	0.02309	19	-0.52	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.7256	0.02470	1.7594	0.09436	0.02309	19	-0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.7350	0.01000	1.7594	0.09436	0.02309	19	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.7500	0.02000	1.7594	0.09436	0.02309	19	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.7600	0.00000	1.7594	0.09436	0.02309	19	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.7700	0.00000	1.7594	0.09436	0.02309	19	0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.7850	0.01000	1.7594	0.09436	0.02309	19	0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.7900	0.04000	1.7594	0.09436	0.02309	19	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.8155	0.06410	1.7594	0.09436	0.02309	19	0.59	2%	0
032.43	Potassium, ICP, Microwave (%)	2143	1.8200	0.04000	1.7594	0.09436	0.02309	19	0.64	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.8315	0.00300	1.7594	0.09436	0.02309	19	0.76	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.8500	0.08000	1.7594	0.09436	0.02309	19	0.96	3%	0
032.43	Potassium, ICP, Microwave (%)	2033	1.9000	0.00000	1.7594	0.09436	0.02309	19	1.49	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	2.0530	0.00600	1.7594	0.09436	0.02309	19	3.11	8%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.4450	0.59600	1.7594	0.09436	0.02309	19	-3.33	9%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.7800	0.02000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.6840	0.30080				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2080	1.7240	0.01200				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.8050	0.03000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.8150	0.07000				2			0
032.99	Potassium, Miscellaneous (%)	0889	1.4400	0.00000	1.6000	0.22627	0.00333	3			0
032.99	Potassium, Miscellaneous (%)	0100	1.6650	0.01000	1.6000	0.22627	0.00333	3			0
032.99	Potassium, Miscellaneous (%)	0242	1.7600	0.00000	1.6000	0.22627	0.00333	3			0
033.00	Salt as chloride, Sol Cl (%)	0881	3.2425	0.03700	3.8292	0.09160	0.03134	17	-6.40	8%	0
033.00	Salt as chloride, Sol Cl (%)	0884	3.6700	0.02000	3.8292	0.09160	0.03134	17	-1.74	2%	0
033.00	Salt as chloride, Sol Cl (%)	0511	3.7400	0.00000	3.8292	0.09160	0.03134	17	-0.97	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	3.7700	0.16000	3.8292	0.09160	0.03134	17	-0.65	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	3.7700	0.04000	3.8292	0.09160	0.03134	17	-0.65	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	3.7793	0.00240	3.8292	0.09160	0.03134	17	-0.54	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	3.7800	0.00000	3.8292	0.09160	0.03134	17	-0.54	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	3.8000	0.06000	3.8292	0.09160	0.03134	17	-0.32	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	3.8550	0.03000	3.8292	0.09160	0.03134	17	0.28	0%	0
033.00	Salt as chloride, Sol Cl (%)	0675	3.8700	0.02000	3.8292	0.09160	0.03134	17	0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0169	3.8900	0.06000	3.8292	0.09160	0.03134	17	0.66	1%	0
033.00	Salt as chloride, Sol Cl (%)	0674	3.8900	0.00000	3.8292	0.09160	0.03134	17	0.66	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	3.9034	0.02740	3.8292	0.09160	0.03134	17	0.81	1%	0

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033.00	Salt as chloride, Sol Cl (%)	0897	3.9050	0.01000	3.8292	0.09160	0.03134	17	0.83	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	3.9100	0.02000	3.8292	0.09160	0.03134	17	0.88	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	3.9200	0.00600	3.8292	0.09160	0.03134	17	0.99	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	3.9300	0.04000	3.8292	0.09160	0.03134	17	1.10	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	3.4470	0.30570	3.8292	0.09160	0.03134	17	-4.17	5%	1
033.01	Salt as chloride, Poten Cl (%)	0011	1.5146	0.00200	3.8471	0.12726	0.04848	28	-18.33	30%	0
033.01	Salt as chloride, Poten Cl (%)	0644	2.4300	0.00800	3.8471	0.12726	0.04848	28	-11.14	18%	0
033.01	Salt as chloride, Poten Cl (%)	0682	3.4000	0.00000	3.8471	0.12726	0.04848	28	-3.51	6%	0
033.01	Salt as chloride, Poten Cl (%)	0083	3.7100	0.02000	3.8471	0.12726	0.04848	28	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	3.7100	0.40000	3.8471	0.12726	0.04848	28	-1.08	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	3.7400	0.00000	3.8471	0.12726	0.04848	28	-0.84	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	3.7500	0.10000	3.8471	0.12726	0.04848	28	-0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0937	3.7550	0.05000	3.8471	0.12726	0.04848	28	-0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	3.7560	0.03000	3.8471	0.12726	0.04848	28	-0.72	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	3.8050	0.00000	3.8471	0.12726	0.04848	28	-0.33	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	3.8200	0.02000	3.8471	0.12726	0.04848	28	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	3.8500	0.00000	3.8471	0.12726	0.04848	28	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	3.8650	0.03000	3.8471	0.12726	0.04848	28	0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	3.8700	0.02000	3.8471	0.12726	0.04848	28	0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	3.8900	0.02000	3.8471	0.12726	0.04848	28	0.34	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	3.8900	0.04000	3.8471	0.12726	0.04848	28	0.34	1%	0
033.01	Salt as chloride, Poten Cl (%)	0683	3.8950	0.03000	3.8471	0.12726	0.04848	28	0.38	1%	0
033.01	Salt as chloride, Poten Cl (%)	0010	3.9000	0.00000	3.8471	0.12726	0.04848	28	0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	3.9000	0.02000	3.8471	0.12726	0.04848	28	0.42	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	3.9015	0.00100	3.8471	0.12726	0.04848	28	0.43	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	3.9100	0.08000	3.8471	0.12726	0.04848	28	0.49	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	3.9150	0.01000	3.8471	0.12726	0.04848	28	0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	3.9150	0.15000	3.8471	0.12726	0.04848	28	0.53	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	3.9500	0.10000	3.8471	0.12726	0.04848	28	0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	3.9671	0.01650	3.8471	0.12726	0.04848	28	0.94	2%	0
033.01	Salt as chloride, Poten Cl (%)	0205	4.0100	0.14000	3.8471	0.12726	0.04848	28	1.28	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	4.0800	0.06000	3.8471	0.12726	0.04848	28	1.83	3%	0
033.01	Salt as chloride, Poten Cl (%)	0278	4.1050	0.01000	3.8471	0.12726	0.04848	28	2.03	3%	0
033.01	Salt as chloride, Poten Cl (%)	0242	4.3700	0.86000	3.8471	0.12726	0.04848	28	4.11	7%	1
033.03	Salt as chloride, Quantab (%)	0726	3.4950	0.15000	4.3990	1.0736	0.10600	5	-0.84	10%	0
033.03	Salt as chloride, Quantab (%)	0505	3.8300	0.24000	4.3990	1.0736	0.10600	5	-0.53	6%	0
033.03	Salt as chloride, Quantab (%)	0144	3.8700	0.00000	4.3990	1.0736	0.10600	5	-0.49	6%	0
033.03	Salt as chloride, Quantab (%)	0265	4.6300	0.00000	4.3990	1.0736	0.10600	5	0.22	3%	0
033.03	Salt as chloride, Quantab (%)	0190	6.1700	0.14000	4.3990	1.0736	0.10600	5	1.65	20%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	3.6350	0.29000	3.8817	0.10004	0.09500	4	-2.47	3%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	3.7800	0.04000	3.8817	0.10004	0.09500	4	-1.02	1%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	3.8850	0.01000	3.8817	0.10004	0.09500	4	0.03	0%	0

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033.05	Salt as chloride, Ion Sel Electrode (%)	0171	3.9800	0.04000	3.8817	0.10004	0.09500	4	0.98	1%	0
033.99	Salt, Miscellaneous (%)	0358	3.2200	0.10000	3.6466	0.30038	0.13307	9	-1.42	6%	0
033.99	Salt, Miscellaneous (%)	0681	3.4500	0.06000	3.6466	0.30038	0.13307	9	-0.65	3%	0
033.99	Salt, Miscellaneous (%)	0613	3.5035	0.13860	3.6466	0.30038	0.13307	9	-0.48	2%	0
033.99	Salt, Miscellaneous (%)	2033	3.5150	0.15000	3.6466	0.30038	0.13307	9	-0.44	2%	0
033.99	Salt, Miscellaneous (%)	0027	3.6305	0.18900	3.6466	0.30038	0.13307	9	-0.05	0%	0
033.99	Salt, Miscellaneous (%)	0552	3.6600	0.22000	3.6466	0.30038	0.13307	9	0.04	0%	0
033.99	Salt, Miscellaneous (%)	2073	3.8000	0.14000	3.6466	0.30038	0.13307	9	0.51	2%	0
033.99	Salt, Miscellaneous (%)	0208	4.0150	0.11000	3.6466	0.30038	0.13307	9	1.23	5%	0
033.99	Salt, Miscellaneous (%)	0619	4.0250	0.09000	3.6466	0.30038	0.13307	9	1.26	5%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	8.8200	0.30000				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	6.9351	1.2400	10.242	1.9883	0.56867	6	-1.66	16%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	10.050	0.70000	10.242	1.9883	0.56867	6	-0.10	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	10.200	0.08000	10.242	1.9883	0.56867	6	-0.02	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	10.385	0.03000	10.242	1.9883	0.56867	6	0.07	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0035	10.860	0.82000	10.242	1.9883	0.56867	6	0.31	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0948	12.699	0.54200	10.242	1.9883	0.56867	6	1.24	12%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	10.950	0.10000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	9.3000	0.00000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	9.0200	0.08000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	9.4050	0.39000	10.012	0.58321	0.45160	5	-1.04	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	9.6750	0.35000	10.012	0.58321	0.45160	5	-0.58	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0096	10.267	0.00800	10.012	0.58321	0.45160	5	0.44	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	10.700	0.00000	10.012	0.58321	0.45160	5	1.18	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	2080	13.855	1.5100	10.012	0.58321	0.45160	5	6.59	19%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0013	9.9250	0.11000	11.114	1.1707	0.51106	7	-1.02	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	10.040	0.12000	11.114	1.1707	0.51106	7	-0.92	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	10.550	0.30000	11.114	1.1707	0.51106	7	-0.48	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	11.314	0.42740	11.114	1.1707	0.51106	7	0.17	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0010	11.500	1.0000	11.114	1.1707	0.51106	7	0.33	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	11.600	0.26000	11.114	1.1707	0.51106	7	0.41	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0168	15.200	1.3600	11.114	1.1707	0.51106	7	3.49	18%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	8.7850	0.71000				2			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	10.100	0.04000				2			0
035.01	Sodium, Ion-selective electrode (%)	2109	1.3775	0.00300	1.4196	0.03652	0.04540	5	-1.15	1%	0
035.01	Sodium, Ion-selective electrode (%)	2006	1.4060	0.18200	1.4196	0.03652	0.04540	5	-0.37	0%	0
035.01	Sodium, Ion-selective electrode (%)	0881	1.4090	0.01400	1.4196	0.03652	0.04540	5	-0.29	0%	0
035.01	Sodium, Ion-selective electrode (%)	0868	1.4270	0.00200	1.4196	0.03652	0.04540	5	0.20	0%	0
035.01	Sodium, Ion-selective electrode (%)	0138	1.4650	0.02600	1.4196	0.03652	0.04540	5	1.24	2%	0
035.05	Sodium, Flame Emission (%)	0152	1.4200	0.02000	1.4625	0.05679	0.06200	5	-0.75	1%	0
035.05	Sodium, Flame Emission (%)	0504	1.4200	0.02000	1.4625	0.05679	0.06200	5	-0.75	1%	0
035.05	Sodium, Flame Emission (%)	0590	1.4700	0.02000	1.4625	0.05679	0.06200	5	0.13	0%	0

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035.05	Sodium, Flame Emission (%)	0066	1.5400	0.06000	1.4625	0.05679	0.06200	5	1.36	3%	0
035.05	Sodium, Flame Emission (%)	0108	1.5450	0.19000	1.4625	0.05679	0.06200	5	1.45	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.98000	0.04000	1.3587	0.09745	0.03554	19	-3.89	14%	0
035.31	Sodium, AAS, Dry ash (%)	0142	1.0534	0.01400	1.3587	0.09745	0.03554	19	-3.13	11%	0
035.31	Sodium, AAS, Dry ash (%)	0354	1.2300	0.00000	1.3587	0.09745	0.03554	19	-1.32	5%	0
035.31	Sodium, AAS, Dry ash (%)	0689	1.2700	0.02000	1.3587	0.09745	0.03554	19	-0.91	3%	0
035.31	Sodium, AAS, Dry ash (%)	0868	1.2700	0.02000	1.3587	0.09745	0.03554	19	-0.91	3%	0
035.31	Sodium, AAS, Dry ash (%)	2022	1.3200	0.00200	1.3587	0.09745	0.03554	19	-0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	1.3350	0.07000	1.3587	0.09745	0.03554	19	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	1.3486	0.03310	1.3587	0.09745	0.03554	19	-0.10	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	1.3550	0.01000	1.3587	0.09745	0.03554	19	-0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0683	1.3750	0.03000	1.3587	0.09745	0.03554	19	0.17	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	1.3850	0.13000	1.3587	0.09745	0.03554	19	0.27	1%	0
035.31	Sodium, AAS, Dry ash (%)	2126	1.4100	0.00000	1.3587	0.09745	0.03554	19	0.53	2%	0
035.31	Sodium, AAS, Dry ash (%)	0904	1.4200	0.08000	1.3587	0.09745	0.03554	19	0.63	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	1.4214	0.00520	1.3587	0.09745	0.03554	19	0.64	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	1.4300	0.10000	1.3587	0.09745	0.03554	19	0.73	3%	0
035.31	Sodium, AAS, Dry ash (%)	0233	1.4300	0.06000	1.3587	0.09745	0.03554	19	0.73	3%	0
035.31	Sodium, AAS, Dry ash (%)	0723	1.4331	0.00000	1.3587	0.09745	0.03554	19	0.76	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	1.4700	0.04000	1.3587	0.09745	0.03554	19	1.14	4%	0
035.31	Sodium, AAS, Dry ash (%)	0653	1.4865	0.02100	1.3587	0.09745	0.03554	19	1.31	5%	0
035.32	Sodium, AAS, Open vessel (%)	0169	1.3050	0.03000	1.4617	0.14835	0.01667	3			0
035.32	Sodium, AAS, Open vessel (%)	0035	1.4800	0.02000	1.4617	0.14835	0.01667	3			0
035.32	Sodium, AAS, Open vessel (%)	0609	1.6000	0.00000	1.4617	0.14835	0.01667	3			0
035.41	Sodium, ICP, Dry ash (%)	0144	1.2350	0.09000	1.3671	0.06083	0.03187	27	-2.17	5%	0
035.41	Sodium, ICP, Dry ash (%)	2012	1.2500	0.02000	1.3671	0.06083	0.03187	27	-1.92	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	1.2700	0.04000	1.3671	0.06083	0.03187	27	-1.60	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	1.2795	0.00100	1.3671	0.06083	0.03187	27	-1.44	3%	0
035.41	Sodium, ICP, Dry ash (%)	0610	1.2950	0.03000	1.3671	0.06083	0.03187	27	-1.18	3%	0
035.41	Sodium, ICP, Dry ash (%)	0720	1.3350	0.03000	1.3671	0.06083	0.03187	27	-0.53	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	1.3354	0.06680	1.3671	0.06083	0.03187	27	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	1.3500	0.10000	1.3671	0.06083	0.03187	27	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0682	1.3500	0.00000	1.3671	0.06083	0.03187	27	-0.28	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	1.3540	0.06000	1.3671	0.06083	0.03187	27	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0011	1.3543	0.01180	1.3671	0.06083	0.03187	27	-0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0298	1.3600	0.02000	1.3671	0.06083	0.03187	27	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	1.3650	0.05000	1.3671	0.06083	0.03187	27	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2089	1.3665	0.00700	1.3671	0.06083	0.03187	27	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	1.3800	0.00000	1.3671	0.06083	0.03187	27	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	1.3800	0.04000	1.3671	0.06083	0.03187	27	0.21	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	1.3850	0.03000	1.3671	0.06083	0.03187	27	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	1.3870	0.00000	1.3671	0.06083	0.03187	27	0.33	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	
035.41	Sodium, ICP, Dry ash (%)	0049	1.3950	0.05000	1.3671	0.06083	0.03187	27	0.46	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	1.4000	0.02000	1.3671	0.06083	0.03187	27	0.54	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	1.4050	0.01000	1.3671	0.06083	0.03187	27	0.62	1%	0
035.41	Sodium, ICP, Dry ash (%)	0089	1.4100	0.00000	1.3671	0.06083	0.03187	27	0.71	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	1.4100	0.02000	1.3671	0.06083	0.03187	27	0.71	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	1.4300	0.04000	1.3671	0.06083	0.03187	27	1.03	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	1.4400	0.02000	1.3671	0.06083	0.03187	27	1.20	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	1.4750	0.03000	1.3671	0.06083	0.03187	27	1.77	4%	0
035.41	Sodium, ICP, Dry ash (%)	0208	1.5020	0.07400	1.3671	0.06083	0.03187	27	2.22	5%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.63000	0.08000	1.3671	0.06083	0.03187	27	-12.12	27%	2
035.42	Sodium, ICP, Open vessel (%)	0366	1.0250	0.07000	1.3784	0.09959	0.05005	17	-3.55	13%	0
035.42	Sodium, ICP, Open vessel (%)	0042	1.1750	0.03000	1.3784	0.09959	0.05005	17	-2.04	7%	0
035.42	Sodium, ICP, Open vessel (%)	0035	1.2450	0.15000	1.3784	0.09959	0.05005	17	-1.34	5%	0
035.42	Sodium, ICP, Open vessel (%)	0504	1.3275	0.04700	1.3784	0.09959	0.05005	17	-0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	1.3300	0.18000	1.3784	0.09959	0.05005	17	-0.49	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	1.3400	0.04000	1.3784	0.09959	0.05005	17	-0.39	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	1.3485	0.00900	1.3784	0.09959	0.05005	17	-0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	1.4000	0.08000	1.3784	0.09959	0.05005	17	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	1.4000	0.00000	1.3784	0.09959	0.05005	17	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	1.4050	0.03000	1.3784	0.09959	0.05005	17	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	1.4079	0.01980	1.3784	0.09959	0.05005	17	0.30	1%	0
035.42	Sodium, ICP, Open vessel (%)	0202	1.4100	0.02000	1.3784	0.09959	0.05005	17	0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	1.4250	0.05000	1.3784	0.09959	0.05005	17	0.47	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	1.4450	0.01000	1.3784	0.09959	0.05005	17	0.67	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	1.4750	0.01000	1.3784	0.09959	0.05005	17	0.97	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	1.4875	0.00500	1.3784	0.09959	0.05005	17	1.10	4%	0
035.42	Sodium, ICP, Open vessel (%)	0613	1.5500	0.10000	1.3784	0.09959	0.05005	17	1.72	6%	0
035.43	Sodium, ICP, Microwave (%)	0297	1.2050	0.01000	1.3486	0.08674	0.03191	14	-1.66	5%	0
035.43	Sodium, ICP, Microwave (%)	0675	1.2150	0.03000	1.3486	0.08674	0.03191	14	-1.54	5%	0
035.43	Sodium, ICP, Microwave (%)	0918	1.2750	0.10800	1.3486	0.08674	0.03191	14	-0.85	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	1.2955	0.03100	1.3486	0.08674	0.03191	14	-0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	1.3000	0.00000	1.3486	0.08674	0.03191	14	-0.56	2%	0
035.43	Sodium, ICP, Microwave (%)	0875	1.3481	0.00540	1.3486	0.08674	0.03191	14	-0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	1.3500	0.00000	1.3486	0.08674	0.03191	14	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	1.3750	0.03000	1.3486	0.08674	0.03191	14	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	1.3750	0.01000	1.3486	0.08674	0.03191	14	0.30	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	1.4046	0.02660	1.3486	0.08674	0.03191	14	0.65	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	1.4200	0.02000	1.3486	0.08674	0.03191	14	0.82	3%	0
035.43	Sodium, ICP, Microwave (%)	0425	1.4250	0.03000	1.3486	0.08674	0.03191	14	0.88	3%	0
035.43	Sodium, ICP, Microwave (%)	0168	1.4251	0.04580	1.3486	0.08674	0.03191	14	0.88	3%	0
035.43	Sodium, ICP, Microwave (%)	2033	1.4500	0.10000	1.3486	0.08674	0.03191	14	1.17	4%	0
035.52	Sodium, ICP-MS, Open vessel (%)	2080	1.3595	0.03500	1.4181	0.05205	0.04393	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			
035.52	Sodium, ICP-MS, Open vessel (%)	0096	1.4360	0.05200	1.4181	0.05205	0.04393	3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	1.4589	0.04480	1.4181	0.05205	0.04393	3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	1.4100	0.04000				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	1.4750	0.05000				2			0
035.99	Sodium, Miscellaneous (%)	0889	1.2750	0.07000	1.3638	0.07353	0.07750	4	-1.21	3%	0
035.99	Sodium, Miscellaneous (%)	0242	1.3600	0.00000	1.3638	0.07353	0.07750	4	-0.05	0%	0
035.99	Sodium, Miscellaneous (%)	0100	1.3650	0.01000	1.3638	0.07353	0.07750	4	0.02	0%	0
035.99	Sodium, Miscellaneous (%)	2105	1.4550	0.23000	1.3638	0.07353	0.07750	4	1.24	3%	0
036.04	Sulfur, LECO (%)	0168	0.56425	0.09170	0.59481	0.03053	0.05043	4	-1.00	3%	0
036.04	Sulfur, LECO (%)	0098	0.58000	0.02000	0.59481	0.03053	0.05043	4	-0.49	1%	0
036.04	Sulfur, LECO (%)	0229	0.60000	0.04000	0.59481	0.03053	0.05043	4	0.17	0%	0
036.04	Sulfur, LECO (%)	0226	0.63500	0.05000	0.59481	0.03053	0.05043	4	1.32	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.55000	0.00000	0.60395	0.04052	0.00820	19	-1.33	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.55050	0.02900	0.60395	0.04052	0.00820	19	-1.32	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.55500	0.01000	0.60395	0.04052	0.00820	19	-1.21	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.56500	0.01000	0.60395	0.04052	0.00820	19	-0.96	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.57500	0.01000	0.60395	0.04052	0.00820	19	-0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.57500	0.01000	0.60395	0.04052	0.00820	19	-0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.57900	0.00400	0.60395	0.04052	0.00820	19	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.58595	0.00610	0.60395	0.04052	0.00820	19	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.60000	0.00000	0.60395	0.04052	0.00820	19	-0.10	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.61000	0.00000	0.60395	0.04052	0.00820	19	0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.62150	0.00900	0.60395	0.04052	0.00820	19	0.43	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.62500	0.01000	0.60395	0.04052	0.00820	19	0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.62555	0.00130	0.60395	0.04052	0.00820	19	0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.63480	0.00080	0.60395	0.04052	0.00820	19	0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.63500	0.01000	0.60395	0.04052	0.00820	19	0.77	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.64250	0.00900	0.60395	0.04052	0.00820	19	0.95	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.64500	0.01000	0.60395	0.04052	0.00820	19	1.01	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.64500	0.01000	0.60395	0.04052	0.00820	19	1.01	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.65530	0.01660	0.60395	0.04052	0.00820	19	1.27	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.58000	0.10000	0.60395	0.04052	0.00820	19	-0.59	2%	1
036.43	Sulfur, ICP, Microwave (%)	0297	0.50000	0.00000	0.62408	0.06438	0.01114	10	-1.93	10%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.56700	0.00400	0.62408	0.06438	0.01114	10	-0.89	5%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.59500	0.00000	0.62408	0.06438	0.01114	10	-0.45	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.60500	0.01000	0.62408	0.06438	0.01114	10	-0.30	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.61250	0.00100	0.62408	0.06438	0.01114	10	-0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.61500	0.01000	0.62408	0.06438	0.01114	10	-0.14	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.65000	0.00000	0.62408	0.06438	0.01114	10	0.40	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.66880	0.02640	0.62408	0.06438	0.01114	10	0.69	4%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.68000	0.04000	0.62408	0.06438	0.01114	10	0.87	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.72000	0.02000	0.62408	0.06438	0.01114	10	1.49	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.99	Sulfur, Miscellaneous (%)	0889	0.52500	0.03000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.59500	0.01000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	1,486.5	7.0000	1,605.8	92.289	23.471	18	-1.29	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	1,500.0	0.00000	1,605.8	92.289	23.471	18	-1.15	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	1,521.7	52.780	1,605.8	92.289	23.471	18	-0.91	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	1,551.0	4.0000	1,605.8	92.289	23.471	18	-0.59	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	1,553.0	24.000	1,605.8	92.289	23.471	18	-0.57	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	1,556.8	40.400	1,605.8	92.289	23.471	18	-0.53	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	1,562.5	39.000	1,605.8	92.289	23.471	18	-0.47	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	1,564.0	50.000	1,605.8	92.289	23.471	18	-0.45	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	1,577.0	18.000	1,605.8	92.289	23.471	18	-0.31	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	1,582.5	5.0000	1,605.8	92.289	23.471	18	-0.25	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	1,596.3	47.500	1,605.8	92.289	23.471	18	-0.10	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	1,611.0	0.00000	1,605.8	92.289	23.471	18	0.06	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	1,670.2	5.5830	1,605.8	92.289	23.471	18	0.70	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	1,673.5	9.0000	1,605.8	92.289	23.471	18	0.73	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	1,700.0	0.00000	1,605.8	92.289	23.471	18	1.02	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	1,710.0	80.000	1,605.8	92.289	23.471	18	1.13	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	1,764.5	31.520	1,605.8	92.289	23.471	18	1.72	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	2,085.5	8.7000	1,605.8	92.289	23.471	18	5.20	15%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	892.95	10.623	1,647.1	174.55	59.604	6	-4.32	23%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	1,561.5	9.0000	1,647.1	174.55	59.604	6	-0.49	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	1,662.0	122.00	1,647.1	174.55	59.604	6	0.09	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	1,702.5	3.0000	1,647.1	174.55	59.604	6	0.32	2%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	1,765.0	190.00	1,647.1	174.55	59.604	6	0.68	4%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0612	1,806.5	23.000	1,647.1	174.55	59.604	6	0.91	5%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	1,557.1	27.106	1,628.0	63.635	31.702	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	1,647.0	28.000	1,628.0	63.635	31.702	3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	1,680.0	40.000	1,628.0	63.635	31.702	3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	1,383.5	3.0000	1,608.4	103.05	34.917	24	-2.18	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	1,472.5	63.000	1,608.4	103.05	34.917	24	-1.32	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	1,503.5	41.000	1,608.4	103.05	34.917	24	-1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	1,521.5	53.000	1,608.4	103.05	34.917	24	-0.84	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	1,523.1	3.3750	1,608.4	103.05	34.917	24	-0.83	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	1,542.5	3.0000	1,608.4	103.05	34.917	24	-0.64	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	1,545.5	3.0000	1,608.4	103.05	34.917	24	-0.61	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	1,545.7	0.00000	1,608.4	103.05	34.917	24	-0.61	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	1,557.1	18.160	1,608.4	103.05	34.917	24	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	1,557.7	7.5000	1,608.4	103.05	34.917	24	-0.49	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	1,560.5	69.000	1,608.4	103.05	34.917	24	-0.46	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	1,596.0	142.00	1,608.4	103.05	34.917	24	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	1,620.9	50.779	1,608.4	103.05	34.917	24	0.12	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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	1,632.5	29.000	1,608.4	103.05	34.917	24	0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	1,636.2	2.5300	1,608.4	103.05	34.917	24	0.27	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	1,637.5	35.000	1,608.4	103.05	34.917	24	0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	1,653.7	24.690	1,608.4	103.05	34.917	24	0.44	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	1,674.1	75.970	1,608.4	103.05	34.917	24	0.64	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	1,685.0	10.000	1,608.4	103.05	34.917	24	0.74	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	1,686.5	79.000	1,608.4	103.05	34.917	24	0.76	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	1,706.0	46.000	1,608.4	103.05	34.917	24	0.95	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	1,782.5	75.000	1,608.4	103.05	34.917	24	1.69	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	1,803.5	1.0000	1,608.4	103.05	34.917	24	1.89	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	1,847.5	3.0000	1,608.4	103.05	34.917	24	2.32	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	1,723.0	350.00	1,608.4	103.05	34.917	24	1.11	4%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	1,475.0	150.00	1,629.6	86.488	56.695	19	-1.79	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	1,484.5	11.000	1,629.6	86.488	56.695	19	-1.68	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	1,529.7	47.760	1,629.6	86.488	56.695	19	-1.15	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	1,545.5	69.000	1,629.6	86.488	56.695	19	-0.97	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	1,566.5	47.000	1,629.6	86.488	56.695	19	-0.73	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	1,599.5	13.000	1,629.6	86.488	56.695	19	-0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	1,603.8	78.595	1,629.6	86.488	56.695	19	-0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	1,630.0	60.000	1,629.6	86.488	56.695	19	0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	1,631.6	5.3000	1,629.6	86.488	56.695	19	0.02	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	1,637.2	35.420	1,629.6	86.488	56.695	19	0.09	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	1,640.5	75.000	1,629.6	86.488	56.695	19	0.13	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	1,650.0	60.000	1,629.6	86.488	56.695	19	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	1,668.1	12.200	1,629.6	86.488	56.695	19	0.45	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	1,675.0	13.930	1,629.6	86.488	56.695	19	0.53	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	1,678.0	166.00	1,629.6	86.488	56.695	19	0.56	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	1,688.5	123.00	1,629.6	86.488	56.695	19	0.68	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	1,699.5	19.000	1,629.6	86.488	56.695	19	0.81	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	1,765.0	70.000	1,629.6	86.488	56.695	19	1.57	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	2,048.5	21.000	1,629.6	86.488	56.695	19	4.84	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	1,490.0	20.000	1,614.8	95.934	31.532	19	-1.30	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	1,515.5	1.0000	1,614.8	95.934	31.532	19	-1.03	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	1,518.1	23.020	1,614.8	95.934	31.532	19	-1.01	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	1,519.5	49.000	1,614.8	95.934	31.532	19	-0.99	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	1,528.0	72.000	1,614.8	95.934	31.532	19	-0.90	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	1,540.3	57.700	1,614.8	95.934	31.532	19	-0.78	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	1,565.0	0.00000	1,614.8	95.934	31.532	19	-0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	1,587.5	5.0000	1,614.8	95.934	31.532	19	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	1,592.0	22.000	1,614.8	95.934	31.532	19	-0.24	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	1,594.6	43.100	1,614.8	95.934	31.532	19	-0.21	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	1,630.0	60.000	1,614.8	95.934	31.532	19	0.16	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	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2143	1,658.8	35.340	1,614.8	95.934	31.532	19	0.46	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	1,660.0	20.000	1,614.8	95.934	31.532	19	0.47	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	1,678.4	32.200	1,614.8	95.934	31.532	19	0.66	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	1,684.7	37.600	1,614.8	95.934	31.532	19	0.73	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	1,702.8	14.150	1,614.8	95.934	31.532	19	0.92	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	1,717.0	36.000	1,614.8	95.934	31.532	19	1.07	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	1,740.0	56.000	1,614.8	95.934	31.532	19	1.31	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	1,818.5	15.000	1,614.8	95.934	31.532	19	2.12	6%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	1,685.0	70.000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	1,267.7	119.50	1,506.2	207.13	69.828	3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	2080	1,610.2	31.900	1,506.2	207.13	69.828	3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0096	1,640.7	58.083	1,506.2	207.13	69.828	3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	1,690.0	20.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	1,855.0	10.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	1,291.0	46.000	1,582.2	253.47	46.333	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	1,702.0	82.000	1,582.2	253.47	46.333	3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	1,753.5	11.000	1,582.2	253.47	46.333	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	8.5000	1.0000	9.3476	0.91640	0.45617	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	9.2228	0.00850	9.3476	0.91640	0.45617	3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	10.320	0.36000	9.3476	0.91640	0.45617	3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	10.045	0.07000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	10.083	0.31410				2			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	8.8500	0.50000	9.8203	0.80946	0.26220	5	-1.20	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	9.0450	0.17000	9.8203	0.80946	0.26220	5	-0.96	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	10.300	0.20000	9.8203	0.80946	0.26220	5	0.59	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	10.300	0.40000	9.8203	0.80946	0.26220	5	0.59	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	10.607	0.04100	9.8203	0.80946	0.26220	5	0.97	4%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0096	11.225	0.83600				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	2080	11.420	0.04000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0168	6.9940	0.56800	9.0207	2.5349	1.4765	4	-0.80	11%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	7.0020	1.3860	9.0207	2.5349	1.4765	4	-0.80	11%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	9.8366	0.85200	9.0207	2.5349	1.4765	4	0.32	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	12.250	3.1000	9.0207	2.5349	1.4765	4	1.27	18%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	26.960	0.66000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0096	27.914	1.1570				2			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	2080	28.990	0.04000				2			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	24.747	0.42570				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	2080	6.5800	0.16000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	6.0150	0.21000				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0168	6.2865	0.25900				2			0
042.00	Chloride, Titrimetric (%)	0948	2.3600	0.00000				2			0
042.00	Chloride, Titrimetric (%)	0297	2.4450	0.05000				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			
042.01	Chloride, Ion-selective electrode (%)	0160	2.4150	0.01000				1			0
042.99	Chloride, Miscellaneous (%)	0613	2.2300	0.00000				1			0
051.00	Chlortetracycline, Plate (mg / kg (ppm))	0218	5.0166	0.32040				1			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0904	3.1600	0.08000	3.7800	0.87681	1.5233	3			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0036	4.4000	0.40000	3.7800	0.87681	1.5233	3			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0038	5.6050	4.0900	3.7800	0.87681	1.5233	3			0
051.03	Chlortetracycline, LC (mg / kg (ppm))	0613	0.00000	0.00000	3.7800	0.87681	1.5233	3			4
051.99	Chlortetracycline, Miscellaneous (mg / kg (ppm))	2127	0.86500	0.07000				1			0
057.01	Ethoxyquin, LC (mg / kg (ppm))	0227	1.1205	0.30900				1			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	4.1000	0.40000	4.5587	0.52156	0.38400	3			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0629	4.4500	0.00000	4.5587	0.52156	0.38400	3			0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0038	5.1260	0.75200	4.5587	0.52156	0.38400	3			0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	2127	3.7800	0.06000				2			0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0009	4.3230	0.61600				2			0
065.03	Monensin, LC (mg / kg (ppm))	0905	6.2500	0.10000	8.8042	1.3710	0.24875	8	-1.86	15%	0
065.03	Monensin, LC (mg / kg (ppm))	0613	7.8550	0.83000	8.8042	1.3710	0.24875	8	-0.69	5%	0
065.03	Monensin, LC (mg / kg (ppm))	0629	8.3500	0.00000	8.8042	1.3710	0.24875	8	-0.33	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0668	8.8000	0.00000	8.8042	1.3710	0.24875	8	0.00	0%	0
065.03	Monensin, LC (mg / kg (ppm))	0038	8.9800	0.18000	8.8042	1.3710	0.24875	8	0.13	1%	0
065.03	Monensin, LC (mg / kg (ppm))	0904	9.3100	0.34000	8.8042	1.3710	0.24875	8	0.37	3%	0
065.03	Monensin, LC (mg / kg (ppm))	0148	9.5300	0.16000	8.8042	1.3710	0.24875	8	0.53	4%	0
065.03	Monensin, LC (mg / kg (ppm))	2127	12.490	0.38000	8.8042	1.3710	0.24875	8	2.69	21%	0
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	8.8500	1.7000				1			0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	8.4500	0.10000				1			0
073.03	Oxytetracycline, LC (mg / kg (ppm))	0036	0.00000	0.00000				0			4
073.03	Oxytetracycline, LC (mg / kg (ppm))	0613	0.00000	0.00000				0			4
079.01	Salinomycin, LC (mg / kg (ppm))	0613	0.00000	0.00000				0			4
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	382.17	115.71				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	785.50	15.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,405.0	110.00				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	110.00	0.00000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	14.450	0.30000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	11.650	2.7000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	8.5450	0.67000	9.2838	0.61511	0.96750	4	-1.20	4%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	9.1000	1.5200	9.2838	0.61511	0.96750	4	-0.30	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	9.4900	0.68000	9.2838	0.61511	0.96750	4	0.34	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	10.000	1.0000	9.2838	0.61511	0.96750	4	1.16	4%	0
105.00	Thiamine, LC (mg / kg (ppm))	0904	1.2000	0.16000	3.0650	1.6460	0.26800	3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	3.6800	0.00000	3.0650	1.6460	0.26800	3			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	4.3150	0.64400	3.0650	1.6460	0.26800	3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	9.4100	0.44000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	76.865	0.39000				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			
106.00	Vitamin A, Color (KU / kg)	0171	86.050	5.1000				2			0
106.01	Vitamin A, UV (KU / kg)	0098	83.350	20.700				1			0
106.02	Vitamin A, LC (KU / kg)	0905	57.866	1.4740	80.382	13.946	5.9793	22	-1.61	14%	0
106.02	Vitamin A, LC (KU / kg)	2053	58.400	1.0000	80.382	13.946	5.9793	22	-1.58	14%	0
106.02	Vitamin A, LC (KU / kg)	0638	64.000	0.00000	80.382	13.946	5.9793	22	-1.17	10%	0
106.02	Vitamin A, LC (KU / kg)	0904	65.035	0.15000	80.382	13.946	5.9793	22	-1.10	10%	0
106.02	Vitamin A, LC (KU / kg)	0861	66.900	15.400	80.382	13.946	5.9793	22	-0.97	8%	0
106.02	Vitamin A, LC (KU / kg)	0675	70.800	4.7600	80.382	13.946	5.9793	22	-0.69	6%	0
106.02	Vitamin A, LC (KU / kg)	2004	73.550	1.5000	80.382	13.946	5.9793	22	-0.49	4%	0
106.02	Vitamin A, LC (KU / kg)	0563	76.911	0.75370	80.382	13.946	5.9793	22	-0.25	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	79.365	14.110	80.382	13.946	5.9793	22	-0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0096	81.000	10.000	80.382	13.946	5.9793	22	0.04	0%	0
106.02	Vitamin A, LC (KU / kg)	0941	81.240	22.297	80.382	13.946	5.9793	22	0.06	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	82.800	3.4000	80.382	13.946	5.9793	22	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0610	82.850	3.3000	80.382	13.946	5.9793	22	0.18	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	83.220	2.6800	80.382	13.946	5.9793	22	0.20	2%	0
106.02	Vitamin A, LC (KU / kg)	0227	84.800	3.6000	80.382	13.946	5.9793	22	0.32	3%	0
106.02	Vitamin A, LC (KU / kg)	0014	86.750	3.5000	80.382	13.946	5.9793	22	0.46	4%	0
106.02	Vitamin A, LC (KU / kg)	0035	90.885	3.9900	80.382	13.946	5.9793	22	0.75	7%	0
106.02	Vitamin A, LC (KU / kg)	0689	91.050	7.3000	80.382	13.946	5.9793	22	0.76	7%	0
106.02	Vitamin A, LC (KU / kg)	0003	92.350	18.500	80.382	13.946	5.9793	22	0.86	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	96.130	10.600	80.382	13.946	5.9793	22	1.13	10%	0
106.02	Vitamin A, LC (KU / kg)	2103	98.535	2.2300	80.382	13.946	5.9793	22	1.30	11%	0
106.02	Vitamin A, LC (KU / kg)	0169	117.50	1.0000	80.382	13.946	5.9793	22	2.66	23%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	90.000	2.0000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	13.850	2.5000				2			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	38.500	1.0000				2			0
108.02	Vitamin D3, LC (KU / kg)	0227	1.4100	0.06000	11.087	6.2007	0.80200	5	-1.56	44%	0
108.02	Vitamin D3, LC (KU / kg)	0208	8.4350	1.0700	11.087	6.2007	0.80200	5	-0.43	12%	0
108.02	Vitamin D3, LC (KU / kg)	0904	14.355	0.49000	11.087	6.2007	0.80200	5	0.53	15%	0
108.02	Vitamin D3, LC (KU / kg)	0675	14.785	0.49000	11.087	6.2007	0.80200	5	0.60	17%	0
108.02	Vitamin D3, LC (KU / kg)	0610	16.450	1.9000	11.087	6.2007	0.80200	5	0.86	24%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	13.050	0.10000				1			0
109.02	Vitamin E, LC (IU/kg)	0098	2.4450	0.01000	2,272.1	257.67	79.473	22	-8.81	50%	0
109.02	Vitamin E, LC (IU/kg)	0638	1,777.3	0.00000	2,272.1	257.67	79.473	22	-1.92	11%	0
109.02	Vitamin E, LC (IU/kg)	0905	1,933.0	200.00	2,272.1	257.67	79.473	22	-1.32	7%	0
109.02	Vitamin E, LC (IU/kg)	0676	1,954.3	32.600	2,272.1	257.67	79.473	22	-1.23	7%	0
109.02	Vitamin E, LC (IU/kg)	0148	2,070.0	130.00	2,272.1	257.67	79.473	22	-0.78	4%	0
109.02	Vitamin E, LC (IU/kg)	0563	2,146.5	9.0000	2,272.1	257.67	79.473	22	-0.49	3%	0
109.02	Vitamin E, LC (IU/kg)	0610	2,195.0	230.00	2,272.1	257.67	79.473	22	-0.30	2%	0
109.02	Vitamin E, LC (IU/kg)	0208	2,195.7	145.77	2,272.1	257.67	79.473	22	-0.30	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	2,215.0	330.00	2,272.1	257.67	79.473	22	-0.22	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			
109.02	Vitamin E, LC (IU/kg)	0027	2,217.3	78.650	2,272.1	257.67	79.473	22	-0.21	1%	0
109.02	Vitamin E, LC (IU/kg)	0590	2,249.6	0.00000	2,272.1	257.67	79.473	22	-0.09	0%	0
109.02	Vitamin E, LC (IU/kg)	0038	2,286.5	45.000	2,272.1	257.67	79.473	22	0.06	0%	0
109.02	Vitamin E, LC (IU/kg)	0096	2,340.0	20.000	2,272.1	257.67	79.473	22	0.26	1%	0
109.02	Vitamin E, LC (IU/kg)	0723	2,382.3	0.00000	2,272.1	257.67	79.473	22	0.43	2%	0
109.02	Vitamin E, LC (IU/kg)	0904	2,408.2	167.98	2,272.1	257.67	79.473	22	0.53	3%	0
109.02	Vitamin E, LC (IU/kg)	2103	2,418.5	19.000	2,272.1	257.67	79.473	22	0.57	3%	0
109.02	Vitamin E, LC (IU/kg)	0941	2,462.2	14.600	2,272.1	257.67	79.473	22	0.74	4%	0
109.02	Vitamin E, LC (IU/kg)	2053	2,479.5	5.0000	2,272.1	257.67	79.473	22	0.81	5%	0
109.02	Vitamin E, LC (IU/kg)	0227	2,500.0	160.00	2,272.1	257.67	79.473	22	0.88	5%	0
109.02	Vitamin E, LC (IU/kg)	0169	2,525.0	10.000	2,272.1	257.67	79.473	22	0.98	6%	0
109.02	Vitamin E, LC (IU/kg)	0910	2,576.9	74.500	2,272.1	257.67	79.473	22	1.18	7%	0
109.02	Vitamin E, LC (IU/kg)	0675	2,781.0	76.290	2,272.1	257.67	79.473	22	1.98	11%	0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	2,450.0	100.00				1			0
112.01	Pyridoxine, LC (µg / g)	0227	4.4550	0.83000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.7050	0.01000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.64150	0.04900				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.58500	0.01000	0.74493	0.02101	0.01257	17	-7.61	11%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.72050	0.00300	0.74493	0.02101	0.01257	17	-1.16	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.72500	0.01000	0.74493	0.02101	0.01257	17	-0.95	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.72800	0.00200	0.74493	0.02101	0.01257	17	-0.81	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.72950	0.00100	0.74493	0.02101	0.01257	17	-0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.73000	0.04000	0.74493	0.02101	0.01257	17	-0.71	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.74450	0.00500	0.74493	0.02101	0.01257	17	-0.02	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.74500	0.01000	0.74493	0.02101	0.01257	17	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.74500	0.03000	0.74493	0.02101	0.01257	17	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.74700	0.00000	0.74493	0.02101	0.01257	17	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.74850	0.00700	0.74493	0.02101	0.01257	17	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.75000	0.04000	0.74493	0.02101	0.01257	17	0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.76200	0.01400	0.74493	0.02101	0.01257	17	0.81	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.76200	0.00200	0.74493	0.02101	0.01257	17	0.81	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.76800	0.02000	0.74493	0.02101	0.01257	17	1.10	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.76900	0.01840	0.74493	0.02101	0.01257	17	1.15	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	0.81075	0.00130	0.74493	0.02101	0.01257	17	3.13	4%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.66500	0.01200				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.77600	0.00200				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.72150	0.01700				2			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.73750	0.01700				2			0
120.99	Alanine, Miscellaneous (%)	0904	0.77500	0.03000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.59000	0.00000	0.99446	0.03381	0.01854	17	-11.96	20%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.94900	0.00000	0.99446	0.03381	0.01854	17	-1.34	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.95500	0.01000	0.99446	0.03381	0.01854	17	-1.17	2%	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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121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.96000	0.02000	0.99446	0.03381	0.01854	17	-1.02	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.96950	0.00300	0.99446	0.03381	0.01854	17	-0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.98000	0.04000	0.99446	0.03381	0.01854	17	-0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.99050	0.01700	0.99446	0.03381	0.01854	17	-0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.0007	0.01340	0.99446	0.03381	0.01854	17	0.18	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.0027	0.07270	0.99446	0.03381	0.01854	17	0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0090	0.01600	0.99446	0.03381	0.01854	17	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.0100	0.04000	0.99446	0.03381	0.01854	17	0.46	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0145	0.00300	0.99446	0.03381	0.01854	17	0.59	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.0150	0.00200	0.99446	0.03381	0.01854	17	0.61	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.0170	0.00200	0.99446	0.03381	0.01854	17	0.67	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.0190	0.01600	0.99446	0.03381	0.01854	17	0.73	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.0250	0.05000	0.99446	0.03381	0.01854	17	0.90	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.0550	0.01000	0.99446	0.03381	0.01854	17	1.79	3%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	0.98900	0.01400				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	0.98600	0.00400				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.90000	0.02400				2			0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.95500	0.02800				2			0
121.99	Arginine, Miscellaneous (%)	0904	1.0950	0.07000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.2950	0.01000	1.6490	0.05404	0.02056	16	-6.55	11%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.5685	0.01300	1.6490	0.05404	0.02056	16	-1.49	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.6100	0.02000	1.6490	0.05404	0.02056	16	-0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.6200	0.06000	1.6490	0.05404	0.02056	16	-0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.6225	0.00900	1.6490	0.05404	0.02056	16	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.6230	0.01200	1.6490	0.05404	0.02056	16	-0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.6300	0.04000	1.6490	0.05404	0.02056	16	-0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.6480	0.00400	1.6490	0.05404	0.02056	16	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.6485	0.00700	1.6490	0.05404	0.02056	16	-0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.6570	0.02200	1.6490	0.05404	0.02056	16	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.6750	0.05000	1.6490	0.05404	0.02056	16	0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	1.6791	0.00240	1.6490	0.05404	0.02056	16	0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.6895	0.00500	1.6490	0.05404	0.02056	16	0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.6950	0.01000	1.6490	0.05404	0.02056	16	0.85	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.7225	0.01100	1.6490	0.05404	0.02056	16	1.36	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.7271	0.05360	1.6490	0.05404	0.02056	16	1.45	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.6800	0.10000	1.6490	0.05404	0.02056	16	0.57	1%	1
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.5680	0.04000				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.6820	0.03000				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.5255	0.00100				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.6145	0.01700				2			0
122.99	Aspartic, Miscellaneous (%)	0904	1.2200	0.10000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.19000	0.00000	0.25836	0.02839	0.00807	18	-2.41	13%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.20500	0.01000	0.25836	0.02839	0.00807	18	-1.88	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.23250	0.00100	0.25836	0.02839	0.00807	18	-0.91	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.24200	0.00600	0.25836	0.02839	0.00807	18	-0.58	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.24500	0.01000	0.25836	0.02839	0.00807	18	-0.47	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.24800	0.00600	0.25836	0.02839	0.00807	18	-0.37	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.25000	0.02000	0.25836	0.02839	0.00807	18	-0.29	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.25050	0.00100	0.25836	0.02839	0.00807	18	-0.28	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.25500	0.01000	0.25836	0.02839	0.00807	18	-0.12	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.25850	0.00100	0.25836	0.02839	0.00807	18	0.00	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.25900	0.01000	0.25836	0.02839	0.00807	18	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.25905	0.00510	0.25836	0.02839	0.00807	18	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.26550	0.00720	0.25836	0.02839	0.00807	18	0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.28000	0.02000	0.25836	0.02839	0.00807	18	0.76	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.28400	0.00000	0.25836	0.02839	0.00807	18	0.90	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.28900	0.00400	0.25836	0.02839	0.00807	18	1.08	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.30000	0.00400	0.25836	0.02839	0.00807	18	1.47	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0848	0.31500	0.03000	0.25836	0.02839	0.00807	18	1.99	11%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.23450	0.00100				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.29300	0.00400				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.23920	0.00000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.29000	0.00800				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.22500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	1.7450	0.03000	2.5415	0.07541	0.02757	16	-10.56	16%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.4350	0.00600	2.5415	0.07541	0.02757	16	-1.41	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.4500	0.00600	2.5415	0.07541	0.02757	16	-1.21	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	2.5090	0.01060	2.5415	0.07541	0.02757	16	-0.43	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.5150	0.07000	2.5415	0.07541	0.02757	16	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.5200	0.06000	2.5415	0.07541	0.02757	16	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.5300	0.04000	2.5415	0.07541	0.02757	16	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.5380	0.00000	2.5415	0.07541	0.02757	16	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.5565	0.00300	2.5415	0.07541	0.02757	16	0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.5660	0.02800	2.5415	0.07541	0.02757	16	0.32	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.5735	0.03850	2.5415	0.07541	0.02757	16	0.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.5750	0.01000	2.5415	0.07541	0.02757	16	0.44	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.5790	0.02400	2.5415	0.07541	0.02757	16	0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.5800	0.04000	2.5415	0.07541	0.02757	16	0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.6705	0.04500	2.5415	0.07541	0.02757	16	1.71	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.7250	0.03000	2.5415	0.07541	0.02757	16	2.43	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.5950	0.17000	2.5415	0.07541	0.02757	16	0.71	1%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	2.5981	0.01190				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.5585	0.03300				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.3295	0.03100				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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125.05	Glutamic, Pre-col AQC Der (%)	0676	2.4980	0.06000				2			0
125.99	Glutamic, Miscellaneous (%)	0904	2.5850	0.03000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.66500	0.01000	0.78229	0.02573	0.01118	17	-4.56	7%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.74400	0.00000	0.78229	0.02573	0.01118	17	-1.49	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.74600	0.00000	0.78229	0.02573	0.01118	17	-1.41	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.76950	0.00500	0.78229	0.02573	0.01118	17	-0.50	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.77000	0.02000	0.78229	0.02573	0.01118	17	-0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.77350	0.01100	0.78229	0.02573	0.01118	17	-0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.77965	0.02470	0.78229	0.02573	0.01118	17	-0.10	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.78000	0.02000	0.78229	0.02573	0.01118	17	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.78500	0.01000	0.78229	0.02573	0.01118	17	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.78550	0.00300	0.78229	0.02573	0.01118	17	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.79100	0.01400	0.78229	0.02573	0.01118	17	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.79900	0.00200	0.78229	0.02573	0.01118	17	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.80000	0.02000	0.78229	0.02573	0.01118	17	0.69	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.80000	0.04000	0.78229	0.02573	0.01118	17	0.69	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.80300	0.00600	0.78229	0.02573	0.01118	17	0.80	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	0.80965	0.00130	0.78229	0.02573	0.01118	17	1.06	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.81950	0.00300	0.78229	0.02573	0.01118	17	1.45	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.69050	0.03100				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.80550	0.00300				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.77700	0.00200				2			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.83350	0.02100				2			0
126.99	Glycine, Miscellaneous (%)	0904	0.86500	0.01000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.35350	0.00100	0.39607	0.02460	0.00736	17	-1.73	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.36250	0.00100	0.39607	0.02460	0.00736	17	-1.36	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.36500	0.01000	0.39607	0.02460	0.00736	17	-1.26	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.38250	0.00300	0.39607	0.02460	0.00736	17	-0.55	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.38340	0.00760	0.39607	0.02460	0.00736	17	-0.52	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.39050	0.00100	0.39607	0.02460	0.00736	17	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.39100	0.01400	0.39607	0.02460	0.00736	17	-0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.39450	0.00100	0.39607	0.02460	0.00736	17	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.39725	0.00250	0.39607	0.02460	0.00736	17	0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.40000	0.02000	0.39607	0.02460	0.00736	17	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.40000	0.00000	0.39607	0.02460	0.00736	17	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.40250	0.00900	0.39607	0.02460	0.00736	17	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.41000	0.02000	0.39607	0.02460	0.00736	17	0.57	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.41400	0.00600	0.39607	0.02460	0.00736	17	0.73	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.41500	0.01000	0.39607	0.02460	0.00736	17	0.77	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.47550	0.00900	0.39607	0.02460	0.00736	17	3.23	10%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.53500	0.01000	0.39607	0.02460	0.00736	17	5.65	18%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.34350	0.00100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.02	Histidine, Post-col OPA Der (%)	0098	0.38550	0.00300				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.34400	0.01400				2			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.42950	0.01700				2			0
127.99	Histidine, Miscellaneous (%)	0904	0.42500	0.03000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.56100	0.00800	0.62403	0.02273	0.00869	15	-2.77	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.56130	0.01780	0.62403	0.02273	0.00869	15	-2.76	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	0.60410	0.00160	0.62403	0.02273	0.00869	15	-0.88	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.61000	0.00000	0.62403	0.02273	0.00869	15	-0.62	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.61100	0.01800	0.62403	0.02273	0.00869	15	-0.57	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.61950	0.00900	0.62403	0.02273	0.00869	15	-0.20	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.62000	0.02000	0.62403	0.02273	0.00869	15	-0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.63000	0.00400	0.62403	0.02273	0.00869	15	0.26	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.63100	0.00400	0.62403	0.02273	0.00869	15	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.63250	0.01700	0.62403	0.02273	0.00869	15	0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.63500	0.01000	0.62403	0.02273	0.00869	15	0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.63850	0.00100	0.62403	0.02273	0.00869	15	0.64	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.64650	0.00300	0.62403	0.02273	0.00869	15	0.99	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.64750	0.00700	0.62403	0.02273	0.00869	15	1.03	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.65500	0.01000	0.62403	0.02273	0.00869	15	1.36	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.64500	0.05000	0.62403	0.02273	0.00869	15	0.92	2%	1
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.15500	0.01000	0.62403	0.02273	0.00869	15	-20.63	38%	2
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.60850	0.04700				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.63550	0.01500				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.61350	0.02500				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.63150	0.00500				2			0
128.99	Isoleucine, Miscellaneous (%)	0904	0.63000	0.02000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.0460	0.00200	1.1055	0.02290	0.01638	16	-2.60	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.0585	0.03100	1.1055	0.02290	0.01638	16	-2.05	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.0777	0.01530	1.1055	0.02290	0.01638	16	-1.22	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.0850	0.04000	1.1055	0.02290	0.01638	16	-0.89	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.0980	0.01200	1.1055	0.02290	0.01638	16	-0.33	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.1000	0.02000	1.1055	0.02290	0.01638	16	-0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.1050	0.03000	1.1055	0.02290	0.01638	16	-0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.1060	0.00000	1.1055	0.02290	0.01638	16	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.1100	0.04000	1.1055	0.02290	0.01638	16	0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.1155	0.00300	1.1055	0.02290	0.01638	16	0.44	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.1180	0.00800	1.1055	0.02290	0.01638	16	0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.1200	0.02000	1.1055	0.02290	0.01638	16	0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.1235	0.01100	1.1055	0.02290	0.01638	16	0.79	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.1255	0.00700	1.1055	0.02290	0.01638	16	0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.1300	0.02000	1.1055	0.02290	0.01638	16	1.07	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.1312	0.00270	1.1055	0.02290	0.01638	16	1.12	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			
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.62000	0.00000	1.1055	0.02290	0.01638	16	-21.20	22%	2
129.01	Leucine, Pre-col OPA Der (%)	0297	1.0870	0.01600				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.1220	0.01000				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.0705	0.02500				2			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.0740	0.01200				2			0
129.99	Leucine, Miscellaneous (%)	0904	1.2100	0.06000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.48500	0.01000	0.85110	0.04669	0.00888	18	-7.84	22%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.80500	0.01000	0.85110	0.04669	0.00888	18	-0.99	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.81250	0.01080	0.85110	0.04669	0.00888	18	-0.83	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.81550	0.00700	0.85110	0.04669	0.00888	18	-0.76	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.82500	0.03000	0.85110	0.04669	0.00888	18	-0.56	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.82850	0.00300	0.85110	0.04669	0.00888	18	-0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.83350	0.00900	0.85110	0.04669	0.00888	18	-0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.83600	0.00800	0.85110	0.04669	0.00888	18	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.83950	0.00500	0.85110	0.04669	0.00888	18	-0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.84050	0.00100	0.85110	0.04669	0.00888	18	-0.23	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.84200	0.00000	0.85110	0.04669	0.00888	18	-0.19	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.85500	0.03000	0.85110	0.04669	0.00888	18	0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.86600	0.00200	0.85110	0.04669	0.00888	18	0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.89800	0.00200	0.85110	0.04669	0.00888	18	1.00	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	0.89940	0.01200	0.85110	0.04669	0.00888	18	1.03	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.90000	0.00000	0.85110	0.04669	0.00888	18	1.05	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.93000	0.02000	0.85110	0.04669	0.00888	18	1.69	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.95000	0.00000	0.85110	0.04669	0.00888	18	2.12	6%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.78250	0.02700				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.84450	0.01300				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.81300	0.02400	0.87125	0.00106	0.00833	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.87050	0.00100	0.87125	0.00106	0.00833	3			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.87200	0.00000	0.87125	0.00106	0.00833	3			0
130.99	L-Lysine, Miscellaneous (%)	0904	0.87500	0.01000				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.21000	0.00000	0.37905	0.03161	0.01144	18	-5.35	22%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.33550	0.00300	0.37905	0.03161	0.01144	18	-1.38	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.33950	0.00300	0.37905	0.03161	0.01144	18	-1.25	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.35200	0.01000	0.37905	0.03161	0.01144	18	-0.86	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.36000	0.02000	0.37905	0.03161	0.01144	18	-0.60	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.36550	0.00900	0.37905	0.03161	0.01144	18	-0.43	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.37500	0.01000	0.37905	0.03161	0.01144	18	-0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.38000	0.02000	0.37905	0.03161	0.01144	18	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.38000	0.04000	0.37905	0.03161	0.01144	18	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.38300	0.00200	0.37905	0.03161	0.01144	18	0.13	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.38550	0.00900	0.37905	0.03161	0.01144	18	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.39000	0.02000	0.37905	0.03161	0.01144	18	0.35	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.39100	0.00400	0.37905	0.03161	0.01144	18	0.38	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.39550	0.00900	0.37905	0.03161	0.01144	18	0.52	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.39865	0.00890	0.37905	0.03161	0.01144	18	0.62	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.40860	0.00800	0.37905	0.03161	0.01144	18	0.93	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.42500	0.01000	0.37905	0.03161	0.01144	18	1.45	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.43500	0.02000	0.37905	0.03161	0.01144	18	1.77	7%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.36550	0.00900				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.35050	0.00500				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.31030	0.00000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.43500	0.01000				2			0
131.99	Methionine, Miscellaneous (%)	0904	0.33500	0.01000				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.50500	0.01000	0.73132	0.01512	0.01312	17	-14.97	15%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.69050	0.00300	0.73132	0.01512	0.01312	17	-2.70	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.71800	0.04760	0.73132	0.01512	0.01312	17	-0.88	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.72000	0.02000	0.73132	0.01512	0.01312	17	-0.75	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.72000	0.02000	0.73132	0.01512	0.01312	17	-0.75	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.72900	0.00000	0.73132	0.01512	0.01312	17	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.72900	0.00400	0.73132	0.01512	0.01312	17	-0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.73000	0.04000	0.73132	0.01512	0.01312	17	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.73100	0.01200	0.73132	0.01512	0.01312	17	-0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.73250	0.00500	0.73132	0.01512	0.01312	17	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.73500	0.00400	0.73132	0.01512	0.01312	17	0.24	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	0.73715	0.01550	0.73132	0.01512	0.01312	17	0.39	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.74000	0.00000	0.73132	0.01512	0.01312	17	0.57	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.74100	0.01000	0.73132	0.01512	0.01312	17	0.64	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.74850	0.00700	0.73132	0.01512	0.01312	17	1.14	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.75000	0.02000	0.73132	0.01512	0.01312	17	1.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.76850	0.00500	0.73132	0.01512	0.01312	17	2.46	3%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.69050	0.00900				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.73000	0.00000				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.70150	0.02300				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.76800	0.00600				2			0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.77000	0.04000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.67000	0.00000	0.94056	0.02847	0.01224	16	-9.50	14%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.90300	0.01000	0.94056	0.02847	0.01224	16	-1.32	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.91200	0.01600	0.94056	0.02847	0.01224	16	-1.00	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.92505	0.00730	0.94056	0.02847	0.01224	16	-0.54	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.92800	0.01000	0.94056	0.02847	0.01224	16	-0.44	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.92900	0.01000	0.94056	0.02847	0.01224	16	-0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	0.93175	0.01250	0.94056	0.02847	0.01224	16	-0.31	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.93500	0.05000	0.94056	0.02847	0.01224	16	-0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.94500	0.05000	0.94056	0.02847	0.01224	16	0.16	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.95050	0.00900	0.94056	0.02847	0.01224	16	0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.95100	0.00200	0.94056	0.02847	0.01224	16	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.95100	0.00600	0.94056	0.02847	0.01224	16	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.96000	0.00000	0.94056	0.02847	0.01224	16	0.68	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.96650	0.00300	0.94056	0.02847	0.01224	16	0.91	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.98000	0.00000	0.94056	0.02847	0.01224	16	1.39	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.1450	0.01000	0.94056	0.02847	0.01224	16	7.18	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.97000	0.08000	0.94056	0.02847	0.01224	16	1.03	2%	1
133.05	Proline, Pre-col AQC Der (%)	0676	0.96200	0.00400				2			0
133.05	Proline, Pre-col AQC Der (%)	0626	0.98650	0.01300				2			0
133.99	Proline, Miscellaneous (%)	0904	1.0800	0.06000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.58500	0.01000	0.75893	0.02205	0.01435	17	-7.89	11%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.65500	0.05000	0.75893	0.02205	0.01435	17	-4.71	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.72700	0.00200	0.75893	0.02205	0.01435	17	-1.45	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.75100	0.00000	0.75893	0.02205	0.01435	17	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.75100	0.00200	0.75893	0.02205	0.01435	17	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0868	0.75490	0.01080	0.75893	0.02205	0.01435	17	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.75600	0.00600	0.75893	0.02205	0.01435	17	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.75900	0.00800	0.75893	0.02205	0.01435	17	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.76000	0.02000	0.75893	0.02205	0.01435	17	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.76000	0.02000	0.75893	0.02205	0.01435	17	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.76750	0.02100	0.75893	0.02205	0.01435	17	0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.76820	0.03020	0.75893	0.02205	0.01435	17	0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.76900	0.00600	0.75893	0.02205	0.01435	17	0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.76950	0.00100	0.75893	0.02205	0.01435	17	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.77500	0.01000	0.75893	0.02205	0.01435	17	0.73	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.79000	0.04000	0.75893	0.02205	0.01435	17	1.41	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.80850	0.00700	0.75893	0.02205	0.01435	17	2.25	3%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.73150	0.00700				1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.71800	0.01200				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.74350	0.00100				2			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.85250	0.00100				2			0
134.99	Serine, Miscellaneous (%)	0904	0.81500	0.03000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.59000	0.00000	0.61468	0.01755	0.01106	16	-1.41	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.59000	0.00400	0.61468	0.01755	0.01106	16	-1.41	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.59800	0.01200	0.61468	0.01755	0.01106	16	-0.95	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.60500	0.00000	0.61468	0.01755	0.01106	16	-0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.60500	0.01000	0.61468	0.01755	0.01106	16	-0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.60855	0.02030	0.61468	0.01755	0.01106	16	-0.35	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.61200	0.01200	0.61468	0.01755	0.01106	16	-0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.61500	0.00200	0.61468	0.01755	0.01106	16	0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.61500	0.01000	0.61468	0.01755	0.01106	16	0.02	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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135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.61850	0.00100	0.61468	0.01755	0.01106	16	0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.61900	0.00000	0.61468	0.01755	0.01106	16	0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.62000	0.04000	0.61468	0.01755	0.01106	16	0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.62400	0.01000	0.61468	0.01755	0.01106	16	0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.63285	0.01270	0.61468	0.01755	0.01106	16	1.03	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.64500	0.03000	0.61468	0.01755	0.01106	16	1.73	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.64850	0.01300	0.61468	0.01755	0.01106	16	1.93	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.33500	0.01000	0.61468	0.01755	0.01106	16	-15.93	23%	2
135.01	Threonine, Pre-col OPA Der (%)	0297	0.55050	0.00500				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.60150	0.00500				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.49950	0.02100				2			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.60300	0.01400				2			0
135.99	Threonine, Miscellaneous (%)	0904	0.60500	0.05000				1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.20090	0.02160	0.24485	0.03636	0.01165	4	-1.21	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.22950	0.00300	0.24485	0.03636	0.01165	4	-0.42	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.02000	0.24485	0.03636	0.01165	4	0.69	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.27900	0.00200	0.24485	0.03636	0.01165	4	0.94	7%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.20750	0.00100	0.22600	0.01802	0.00133	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.22700	0.00200	0.22600	0.01802	0.00133	3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.24350	0.00100	0.22600	0.01802	0.00133	3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.22200	0.00200				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.22600	0.00200	0.23100	0.00535	0.00300	4	-0.93	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.22700	0.00200	0.23100	0.00535	0.00300	4	-0.75	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.23400	0.00600	0.23100	0.00535	0.00300	4	0.56	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.23700	0.00200	0.23100	0.00535	0.00300	4	1.12	1%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.20000	0.00000				2			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.20000	0.00000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.32500	0.01000	0.48462	0.04906	0.01086	11	-3.25	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.43000	0.00200	0.48462	0.04906	0.01086	11	-1.11	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.45500	0.01000	0.48462	0.04906	0.01086	11	-0.60	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.45975	0.02750	0.48462	0.04906	0.01086	11	-0.51	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.48000	0.02000	0.48462	0.04906	0.01086	11	-0.09	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.48650	0.00700	0.48462	0.04906	0.01086	11	0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.50500	0.00600	0.48462	0.04906	0.01086	11	0.42	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.50500	0.03000	0.48462	0.04906	0.01086	11	0.42	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.51100	0.00000	0.48462	0.04906	0.01086	11	0.54	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.53200	0.00600	0.48462	0.04906	0.01086	11	0.97	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.55550	0.00100	0.48462	0.04906	0.01086	11	1.44	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.14000	0.10000	0.48462	0.04906	0.01086	11	-7.02	36%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.46000	0.00000				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.51450	0.00700				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.47950	0.02700				2			0

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137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.50400	0.03000				2			0
137.99	Tyrosine, Miscellaneous (%)	0904	0.58500	0.03000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.30500	0.01000	0.75867	0.02887	0.00713	16	-15.71	30%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.67945	0.01810	0.75867	0.02887	0.00713	16	-2.74	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.73500	0.01000	0.75867	0.02887	0.00713	16	-0.82	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.74000	0.00000	0.75867	0.02887	0.00713	16	-0.65	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.74250	0.01100	0.75867	0.02887	0.00713	16	-0.56	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.74300	0.00800	0.75867	0.02887	0.00713	16	-0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.75500	0.01000	0.75867	0.02887	0.00713	16	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.75700	0.00400	0.75867	0.02887	0.00713	16	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.76000	0.00400	0.75867	0.02887	0.00713	16	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.76950	0.00100	0.75867	0.02887	0.00713	16	0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.77350	0.00100	0.75867	0.02887	0.00713	16	0.51	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.77700	0.00400	0.75867	0.02887	0.00713	16	0.63	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.78050	0.00300	0.75867	0.02887	0.00713	16	0.76	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.78450	0.00100	0.75867	0.02887	0.00713	16	0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	0.79050	0.00900	0.75867	0.02887	0.00713	16	1.10	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.80000	0.02000	0.75867	0.02887	0.00713	16	1.43	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.77000	0.04000	0.75867	0.02887	0.00713	16	0.39	1%	1
138.01	Valine, Pre-col OPA Der (%)	0297	0.79350	0.05700				1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.79300	0.02000				1			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.80350	0.03300				2			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.81450	0.00700				2			0
138.99	Valine, Miscellaneous (%)	0904	0.77500	0.07000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.11500	0.03000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.12000	0.02000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
139.99	Taurine, Miscellaneous (%)	0904	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.23000	0.00200	0.53946	0.25624	0.04364	7	-1.21	29%	0
160.99	Fructose, Miscellaneous (%)	0904	0.27500	0.01000	0.53946	0.25624	0.04364	7	-1.03	25%	0
160.99	Fructose, Miscellaneous (%)	0297	0.43125	0.01350	0.53946	0.25624	0.04364	7	-0.42	10%	0
160.99	Fructose, Miscellaneous (%)	0096	0.65000	0.10000	0.53946	0.25624	0.04364	7	0.43	10%	0
160.99	Fructose, Miscellaneous (%)	0676	0.66000	0.02000	0.53946	0.25624	0.04364	7	0.47	11%	0
160.99	Fructose, Miscellaneous (%)	0861	0.75000	0.10000	0.53946	0.25624	0.04364	7	0.82	20%	0
160.99	Fructose, Miscellaneous (%)	0227	0.78000	0.06000	0.53946	0.25624	0.04364	7	0.94	22%	0
160.99	Fructose, Miscellaneous (%)	0889	1.6550	0.31000	0.53946	0.25624	0.04364	7	4.35	103%	1
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
161.99	Galactose, Miscellaneous (%)	0676	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0619	0.06500	0.00200	0.15750	0.07240	0.01440	5	-1.28	29%	0
162.99	Glucose, Miscellaneous (%)	0889	0.15000	0.02000	0.15750	0.07240	0.01440	5	-0.10	2%	0
162.99	Glucose, Miscellaneous (%)	0904	0.17500	0.01000	0.15750	0.07240	0.01440	5	0.24	6%	0
162.99	Glucose, Miscellaneous (%)	0227	0.24000	0.04000	0.15750	0.07240	0.01440	5	1.14	26%	0

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162.99	Glucose, Miscellaneous (%)	0676	0.74000	0.00000	0.15750	0.07240	0.01440	5	8.05	185%	0
162.99	Glucose, Miscellaneous (%)	0297	0.00000	0.00000	0.15750	0.07240	0.01440	5			4
162.99	Glucose, Miscellaneous (%)	0861	0.05000	0.10000	0.15750	0.07240	0.01440	5			4
163.99	Lactose, Miscellaneous (%)	0676	0.10000	0.00000				1			0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0904	0.14000	0.00000				1			0
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	0889	0.37500	0.05000	2.5785	0.33560	0.08200	9	-6.57	43%	0
165.99	Sucrose, Miscellaneous (%)	0904	2.3100	0.18000	2.5785	0.33560	0.08200	9	-0.80	5%	0
165.99	Sucrose, Miscellaneous (%)	0676	2.4500	0.30000	2.5785	0.33560	0.08200	9	-0.38	2%	0
165.99	Sucrose, Miscellaneous (%)	0619	2.4950	0.01000	2.5785	0.33560	0.08200	9	-0.25	2%	0
165.99	Sucrose, Miscellaneous (%)	0723	2.5780	0.00000	2.5785	0.33560	0.08200	9	0.00	0%	0
165.99	Sucrose, Miscellaneous (%)	0297	2.6230	0.02800	2.5785	0.33560	0.08200	9	0.13	1%	0
165.99	Sucrose, Miscellaneous (%)	0096	2.7000	0.00000	2.5785	0.33560	0.08200	9	0.36	2%	0
165.99	Sucrose, Miscellaneous (%)	0227	2.9750	0.17000	2.5785	0.33560	0.08200	9	1.18	8%	0
165.99	Sucrose, Miscellaneous (%)	0861	3.0000	0.00000	2.5785	0.33560	0.08200	9	1.26	8%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.46000	0.04000	0.62725	0.15598	0.02000	4	-1.07	13%	0
166.99	Raffinose, Miscellaneous (%)	0619	0.56900	0.00600	0.62725	0.15598	0.02000	4	-0.37	5%	0
166.99	Raffinose, Miscellaneous (%)	0904	0.65000	0.02000	0.62725	0.15598	0.02000	4	0.15	2%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.83000	0.01400	0.62725	0.15598	0.02000	4	1.30	16%	0
167.99	Stachyose, Miscellaneous (%)	0227	0.65000	0.06000	0.73417	0.13426	0.03233	3			0
167.99	Stachyose, Miscellaneous (%)	0297	0.66350	0.03100	0.73417	0.13426	0.03233	3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.88900	0.00600	0.73417	0.13426	0.03233	3			0
361.03	Lasalocid sodium, residual, LC-MS (µg / kg (ppb))	2053	4,395.0	310.00				1			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (ppb))	0875	2,100.0	0.00000	4,086.3	1,466.0	296.00	5	-1.35	24%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (ppb))	0553	3,655.0	1,110.0	4,086.3	1,466.0	296.00	5	-0.29	5%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (ppb))	0218	4,100.0	40.000	4,086.3	1,466.0	296.00	5	0.01	0%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (ppb))	0610	4,545.0	130.00	4,086.3	1,466.0	296.00	5	0.31	6%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (ppb))	0555	5,600.0	200.00	4,086.3	1,466.0	296.00	5	1.03	19%	0
364.02	Melengestrol Acetate, residual, LC-MS (µg / kg (ppb))	2053	15.000	8.0000				1			0
365.04	Monensin, residual, LC-MS (µg / kg (ppb))	2053	8,730.0	180.00				1			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0875	3,200.0	0.00000	7,282.0	2,411.4	276.00	5	-1.69	28%	0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0553	7,055.0	630.00	7,282.0	2,411.4	276.00	5	-0.09	2%	0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0218	8,335.0	70.000	7,282.0	2,411.4	276.00	5	0.44	7%	0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0555	8,650.0	500.00	7,282.0	2,411.4	276.00	5	0.57	9%	0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0610	9,170.0	180.00	7,282.0	2,411.4	276.00	5	0.78	13%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.41850	0.00100	0.45901	0.04121	0.00268	4	-0.98	4%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.44350	0.00500	0.45901	0.04121	0.00268	4	-0.38	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.45835	0.00090	0.45901	0.04121	0.00268	4	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.51570	0.00380	0.45901	0.04121	0.00268	4	1.38	6%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.44800	0.02600	0.46733	0.01815	0.01133	3			0
400.99	Water activity, Miscellaneous (Units)	2080	0.47000	0.00000	0.46733	0.01815	0.01133	3			0
400.99	Water activity, Miscellaneous (Units)	0843	0.48400	0.00800	0.46733	0.01815	0.01133	3			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.67000	0.02000				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.67100	0.01800	0.70883	0.03498	0.03967	3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.71550	0.00100	0.70883	0.03498	0.03967	3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.74000	0.10000	0.70883	0.03498	0.03967	3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.69850	0.01100	0.77291	0.06234	0.13410	5	-1.19	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.74450	0.01700	0.77291	0.06234	0.13410	5	-0.46	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.82065	0.14250	0.77291	0.06234	0.13410	5	0.77	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.82800	0.14200	0.77291	0.06234	0.13410	5	0.88	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	1.3440	0.35800	0.77291	0.06234	0.13410	5	9.16	37%	0
516.99	Arsenic, total, Miscellaneous (mg / kg (ppm))	0045	0.72900	0.05400				1			0
518.31	Cadmium, AAS, Dry ash (mg / kg (ppm))	0948	0.24250	0.00300				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.21950	0.00100	0.23958	0.02272	0.00717	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.23500	0.01000	0.23958	0.02272	0.00717	3			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0011	0.26425	0.01050	0.23958	0.02272	0.00717	3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.21500	0.03000	0.26650	0.04461	0.01433	3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.29150	0.00300	0.26650	0.04461	0.01433	3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.29300	0.01000	0.26650	0.04461	0.01433	3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.26900	0.00200	0.29375	0.01926	0.01024	5	-1.29	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0168	0.29400	0.01000	0.29375	0.01926	0.01024	5	0.01	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.29600	0.00800	0.29375	0.01926	0.01024	5	0.12	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.31190	0.03120	0.29375	0.01926	0.01024	5	0.94	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.31600	0.00000	0.29375	0.01926	0.01024	5	1.16	4%	0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0948	6.3260	0.06200				2			0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0904	9.5550	0.85000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	4.3550	0.15000	8.3268	0.03783	0.24267	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	8.3000	0.20000	8.3268	0.03783	0.24267	3			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	8.3535	0.37800	8.3268	0.03783	0.24267	3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	12.820	0.26000				1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	2080	6.7800	0.80000				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0096	10.628	1.2470				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	10.721	0.48770	12.620	1.6538	0.30257	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	13.400	0.00000	12.620	1.6538	0.30257	3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0168	13.740	0.42000	12.620	1.6538	0.30257	3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.74500	0.06200	0.89342	0.22312	0.15050	3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0011	0.78525	0.28950	0.89342	0.22312	0.15050	3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	1.1500	0.10000	0.89342	0.22312	0.15050	3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2080	1.2400	0.08000	1.5292	0.28045	0.06167	3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.5475	0.02500	1.5292	0.28045	0.06167	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			
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.8000	0.08000	1.5292	0.28045	0.06167	3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	1.5000	0.06000	1.7044	0.16078	0.11486	5	-1.27	6%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	1.5800	0.14000	1.7044	0.16078	0.11486	5	-0.77	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	1.7700	0.02000	1.7044	0.16078	0.11486	5	0.41	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7761	0.29230	1.7044	0.16078	0.11486	5	0.45	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	1.8960	0.06200	1.7044	0.16078	0.11486	5	1.19	6%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	5.0478	0.04350				2			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	5.7000	0.40000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	2080	4.1400	0.58000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0096	5.9985	0.68500				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	5.4838	0.20770				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	7.1500	0.24000				2			0

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