



Proficiency For Individual Methods

Sample # 201525

Equine Feed

All Tests Report
Regular Program

Labs Reporting: 225

Issue Date : 06/30/2015

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.20000	0.00000			0.00000	1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2048	7.3680	0.08600	8.1179	0.56939	0.09971	7	-1.32	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.6700	0.30000	8.1179	0.56939	0.09971	7	-0.79	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.9100	0.04000	8.1179	0.56939	0.09971	7	-0.37	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.0970	0.03200	8.1179	0.56939	0.09971	7	-0.04	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.4600	0.04000	8.1179	0.56939	0.09971	7	0.60	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.6350	0.09000	8.1179	0.56939	0.09971	7	0.91	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	8.6850	0.11000	8.1179	0.56939	0.09971	7	1.00	3%	0
001.03	Loss on Drying, Low temp. methods (%)	2086	8.0400	0.02000	8.1967	0.10852	0.01750	12	-1.44	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0891	8.1050	0.01000	8.1967	0.10852	0.01750	12	-0.84	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0900	8.1200	0.04000	8.1967	0.10852	0.01750	12	-0.71	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	8.1350	0.01000	8.1967	0.10852	0.01750	12	-0.57	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0934	8.1450	0.01000	8.1967	0.10852	0.01750	12	-0.48	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2091	8.1500	0.04000	8.1967	0.10852	0.01750	12	-0.43	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	8.2150	0.01000	8.1967	0.10852	0.01750	12	0.17	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.2250	0.01000	8.1967	0.10852	0.01750	12	0.26	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.2550	0.01000	8.1967	0.10852	0.01750	12	0.54	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.3050	0.03000	8.1967	0.10852	0.01750	12	1.00	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	8.4200	0.00000	8.1967	0.10852	0.01750	12	2.06	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.4300	0.02000	8.1967	0.10852	0.01750	12	2.15	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.1800	0.00000			0.00000	1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	4.1600	0.32000	8.1438	0.22309	0.08605	39	-17.86	24%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.6600	0.08000	8.1438	0.22309	0.08605	39	-2.17	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.8200	0.04000	8.1438	0.22309	0.08605	39	-1.45	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	7.8250	0.03000	8.1438	0.22309	0.08605	39	-1.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	7.8500	0.04000	8.1438	0.22309	0.08605	39	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	7.9400	0.10000	8.1438	0.22309	0.08605	39	-0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	7.9413	0.02990	8.1438	0.22309	0.08605	39	-0.91	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.9500	0.10000	8.1438	0.22309	0.08605	39	-0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	7.9500	0.10000	8.1438	0.22309	0.08605	39	-0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	7.9950	0.11000	8.1438	0.22309	0.08605	39	-0.67	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.0350	0.07000	8.1438	0.22309	0.08605	39	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.0550	0.23000	8.1438	0.22309	0.08605	39	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.0700	0.02000	8.1438	0.22309	0.08605	39	-0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.0800	0.00000	8.1438	0.22309	0.08605	39	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.0800	0.24000	8.1438	0.22309	0.08605	39	-0.29	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.0900	0.00000	8.1438	0.22309	0.08605	39	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.0900	0.16000	8.1438	0.22309	0.08605	39	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.1100	0.08000	8.1438	0.22309	0.08605	39	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.1250	0.01000	8.1438	0.22309	0.08605	39	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.1400	0.26000	8.1438	0.22309	0.08605	39	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.1400	0.06000	8.1438	0.22309	0.08605	39	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	8.1450	0.05000	8.1438	0.22309	0.08605	39	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.1870	0.00600	8.1438	0.22309	0.08605	39	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.2100	0.00000	8.1438	0.22309	0.08605	39	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.2200	0.00000	8.1438	0.22309	0.08605	39	0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0896	8.2200	0.00000	8.1438	0.22309	0.08605	39	0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.2300	0.08000	8.1438	0.22309	0.08605	39	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.2650	0.07000	8.1438	0.22309	0.08605	39	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.3000	0.00000	8.1438	0.22309	0.08605	39	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.3100	0.20000	8.1438	0.22309	0.08605	39	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	8.3100	0.16000	8.1438	0.22309	0.08605	39	0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.3150	0.01000	8.1438	0.22309	0.08605	39	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.3200	0.10000	8.1438	0.22309	0.08605	39	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.3850	0.03000	8.1438	0.22309	0.08605	39	1.08	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.4000	0.00000	8.1438	0.22309	0.08605	39	1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.4500	0.32000	8.1438	0.22309	0.08605	39	1.37	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.5100	0.04000	8.1438	0.22309	0.08605	39	1.64	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2011	8.7100	0.16000	8.1438	0.22309	0.08605	39	2.54	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.7750	0.05000	8.1438	0.22309	0.08605	39	2.83	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0178	7.7950	0.81000	8.1438	0.22309	0.08605	39	-1.56	2%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	91.980	0.08000	8.1438	0.22309	0.08605	39	375.80	515%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	7.9000	0.20000			0.10000	2	-0.71	1%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.2000	0.00000			0.10000	2	0.71	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.1100	0.04000	8.1353	0.32755	0.07081	17	-3.13	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2018	7.1550	0.03000	8.1353	0.32755	0.07081	17	-2.99	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	7.7950	0.03000	8.1353	0.32755	0.07081	17	-1.04	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.8500	0.10000	8.1353	0.32755	0.07081	17	-0.87	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.9950	0.01000	8.1353	0.32755	0.07081	17	-0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.0050	0.03000	8.1353	0.32755	0.07081	17	-0.40	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.0300	0.06000	8.1353	0.32755	0.07081	17	-0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.1250	0.13000	8.1353	0.32755	0.07081	17	-0.03	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.1300	0.10000	8.1353	0.32755	0.07081	17	-0.02	0%	0

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001.99	Loss on Drying, Miscellaneous (%)	0852	8.1850	0.07000	8.1353	0.32755	0.07081	17	0.15	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	8.2900	0.06000	8.1353	0.32755	0.07081	17	0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	8.3200	0.10000	8.1353	0.32755	0.07081	17	0.56	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.3700	0.06000	8.1353	0.32755	0.07081	17	0.72	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	8.3720	0.01370	8.1353	0.32755	0.07081	17	0.72	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.4800	0.12000	8.1353	0.32755	0.07081	17	1.05	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.5100	0.02000	8.1353	0.32755	0.07081	17	1.14	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.5550	0.23000	8.1353	0.32755	0.07081	17	1.28	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	7.8800	0.56000	8.1353	0.32755	0.07081	17	-0.78	2%	1
002.00	Protein, Crude (%)	0028	24.905	0.07000	25.238	0.37863	0.08333	3	-0.88	1%	0
002.00	Protein, Crude (%)	0940	25.160	0.14000	25.238	0.37863	0.08333	3	-0.21	0%	0
002.00	Protein, Crude (%)	0845	25.650	0.04000	25.238	0.37863	0.08333	3	1.09	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	24.770	0.02000	25.307	0.13790	0.12648	17	-3.89	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	24.900	0.04000	25.307	0.13790	0.12648	17	-2.95	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0199	24.990	0.00000	25.307	0.13790	0.12648	17	-2.30	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0062	25.018	0.03300	25.307	0.13790	0.12648	17	-2.10	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	25.170	0.16000	25.307	0.13790	0.12648	17	-0.99	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0881	25.185	0.01500	25.307	0.13790	0.12648	17	-0.89	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	25.270	0.00000	25.307	0.13790	0.12648	17	-0.27	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0896	25.305	0.01000	25.307	0.13790	0.12648	17	-0.01	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	25.345	0.07000	25.307	0.13790	0.12648	17	0.28	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	25.363	0.24700	25.307	0.13790	0.12648	17	0.40	0%	0
002.01	Protein, Auto Kjel-Foss (%)	2023	25.370	0.30000	25.307	0.13790	0.12648	17	0.46	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	25.400	0.00000	25.307	0.13790	0.12648	17	0.68	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	25.400	0.60000	25.307	0.13790	0.12648	17	0.68	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0860	25.401	0.18510	25.307	0.13790	0.12648	17	0.68	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	25.430	0.04000	25.307	0.13790	0.12648	17	0.89	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0656	25.440	0.38000	25.307	0.13790	0.12648	17	0.97	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	25.775	0.05000	25.307	0.13790	0.12648	17	3.40	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	25.162	0.97820	25.307	0.13790	0.12648	17	-1.05	0%	1
002.02	Protein, Semiauto Autoanalyzer (%)	0042	25.075	0.07000	25.260	0.21112	0.06138	4	-0.88	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0169	25.085	0.09000	25.260	0.21112	0.06138	4	-0.83	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	25.400	0.08000	25.260	0.21112	0.06138	4	0.66	0%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	25.482	0.00550	25.260	0.21112	0.06138	4	1.05	0%	0
002.04	Protein, Copper Catalyst (%)	0187	24.885	0.13000	25.341	0.39107	0.17600	5	-0.78	2%	0
002.04	Protein, Copper Catalyst (%)	0874	25.250	0.14000	25.341	0.39107	0.17600	5	-0.50	1%	0
002.04	Protein, Copper Catalyst (%)	0728	25.400	0.04000	25.341	0.39107	0.17600	5	-0.39	1%	0
002.04	Protein, Copper Catalyst (%)	0504	25.830	0.40000	25.341	0.39107	0.17600	5	-0.05	0%	0
002.04	Protein, Copper Catalyst (%)	0405	28.135	0.17000	25.341	0.39107	0.17600	5	1.73	4%	0
002.05	Protein, Copper, Boric Acid (%)	0921	24.450	0.38000	25.213	0.29167	0.09416	40	-2.62	2%	0
002.05	Protein, Copper, Boric Acid (%)	0651	24.550	0.17300	25.213	0.29167	0.09416	40	-2.28	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	24.605	0.17000	25.213	0.29167	0.09416	40	-2.08	1%	0

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002.05	Protein, Copper, Boric Acid (%)	0683	24.740	0.28000	25.213	0.29167	0.09416	40	-1.62	1%	0
002.05	Protein, Copper, Boric Acid (%)	2022	24.760	0.12000	25.213	0.29167	0.09416	40	-1.55	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	24.780	0.10000	25.213	0.29167	0.09416	40	-1.48	1%	0
002.05	Protein, Copper, Boric Acid (%)	2011	24.835	0.23000	25.213	0.29167	0.09416	40	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	24.925	0.09000	25.213	0.29167	0.09416	40	-0.99	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	24.995	0.09000	25.213	0.29167	0.09416	40	-0.75	0%	0
002.05	Protein, Copper, Boric Acid (%)	2091	25.010	0.10000	25.213	0.29167	0.09416	40	-0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	0943	25.035	0.07000	25.213	0.29167	0.09416	40	-0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	25.040	0.04000	25.213	0.29167	0.09416	40	-0.59	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	25.115	0.17000	25.213	0.29167	0.09416	40	-0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	25.117	0.01490	25.213	0.29167	0.09416	40	-0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	25.145	0.01000	25.213	0.29167	0.09416	40	-0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	25.165	0.03000	25.213	0.29167	0.09416	40	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	25.200	0.00000	25.213	0.29167	0.09416	40	-0.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	25.205	0.05000	25.213	0.29167	0.09416	40	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	25.210	0.06000	25.213	0.29167	0.09416	40	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	25.210	0.12000	25.213	0.29167	0.09416	40	-0.01	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	25.244	0.02800	25.213	0.29167	0.09416	40	0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0891	25.280	0.02000	25.213	0.29167	0.09416	40	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	25.285	0.03000	25.213	0.29167	0.09416	40	0.25	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	25.285	0.03000	25.213	0.29167	0.09416	40	0.25	0%	0
002.05	Protein, Copper, Boric Acid (%)	0900	25.290	0.02000	25.213	0.29167	0.09416	40	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	25.310	0.20000	25.213	0.29167	0.09416	40	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	25.310	0.38000	25.213	0.29167	0.09416	40	0.33	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	25.348	0.02080	25.213	0.29167	0.09416	40	0.46	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	25.366	0.30970	25.213	0.29167	0.09416	40	0.52	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	25.375	0.01000	25.213	0.29167	0.09416	40	0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	25.385	0.01000	25.213	0.29167	0.09416	40	0.59	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	25.410	0.02000	25.213	0.29167	0.09416	40	0.68	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	25.450	0.30000	25.213	0.29167	0.09416	40	0.81	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	25.460	0.00000	25.213	0.29167	0.09416	40	0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	0934	25.490	0.02000	25.213	0.29167	0.09416	40	0.95	1%	0
002.05	Protein, Copper, Boric Acid (%)	0868	25.580	0.02000	25.213	0.29167	0.09416	40	1.26	1%	0
002.05	Protein, Copper, Boric Acid (%)	2086	25.650	0.02000	25.213	0.29167	0.09416	40	1.50	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	25.725	0.01000	25.213	0.29167	0.09416	40	1.76	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	25.820	0.02000	25.213	0.29167	0.09416	40	2.08	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	25.920	0.00000	25.213	0.29167	0.09416	40	2.42	1%	0
002.05	Protein, Copper, Boric Acid (%)	2048	25.174	0.60500	25.213	0.29167	0.09416	40	-0.14	0%	1
002.05	Protein, Copper, Boric Acid (%)	0722	32.064	0.00460	25.213	0.29167	0.09416	40	23.49	14%	2
002.06	Protein, Combustion Nitrogen Analyzer (%)	0960	24.700	0.40000	25.646	0.27061	0.15013	136	-3.50	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	24.830	0.02000	25.646	0.27061	0.15013	136	-3.02	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	24.860	0.82000	25.646	0.27061	0.15013	136	-2.90	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	24.940	0.08000	25.646	0.27061	0.15013	136	-2.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	24.990	0.14000	25.646	0.27061	0.15013	136	-2.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	25.040	0.30000	25.646	0.27061	0.15013	136	-2.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	25.050	0.10000	25.646	0.27061	0.15013	136	-2.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	25.070	0.08000	25.646	0.27061	0.15013	136	-2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	25.100	0.40000	25.646	0.27061	0.15013	136	-2.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2018	25.105	0.09000	25.646	0.27061	0.15013	136	-2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	25.113	0.02770	25.646	0.27061	0.15013	136	-1.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	25.120	0.00300	25.646	0.27061	0.15013	136	-1.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	25.145	0.07000	25.646	0.27061	0.15013	136	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	25.195	0.05000	25.646	0.27061	0.15013	136	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	25.225	0.01000	25.646	0.27061	0.15013	136	-1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	25.263	0.12500	25.646	0.27061	0.15013	136	-1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	25.305	0.17000	25.646	0.27061	0.15013	136	-1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	25.310	0.00000	25.646	0.27061	0.15013	136	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	25.344	0.03750	25.646	0.27061	0.15013	136	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	25.355	0.02300	25.646	0.27061	0.15013	136	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	25.355	0.05000	25.646	0.27061	0.15013	136	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	25.380	0.04000	25.646	0.27061	0.15013	136	-0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	25.400	0.02000	25.646	0.27061	0.15013	136	-0.91	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	25.410	0.00000	25.646	0.27061	0.15013	136	-0.87	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	25.415	0.59000	25.646	0.27061	0.15013	136	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	25.425	0.15000	25.646	0.27061	0.15013	136	-0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	25.440	0.12000	25.646	0.27061	0.15013	136	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	25.445	0.05000	25.646	0.27061	0.15013	136	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	25.450	0.10000	25.646	0.27061	0.15013	136	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	25.450	0.20000	25.646	0.27061	0.15013	136	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	25.455	0.03000	25.646	0.27061	0.15013	136	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	25.460	0.02000	25.646	0.27061	0.15013	136	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	25.460	0.00000	25.646	0.27061	0.15013	136	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0958	25.460	0.28000	25.646	0.27061	0.15013	136	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	25.470	0.04000	25.646	0.27061	0.15013	136	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	25.485	0.23000	25.646	0.27061	0.15013	136	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	25.495	0.03000	25.646	0.27061	0.15013	136	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	25.500	0.20000	25.646	0.27061	0.15013	136	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	25.500	0.00000	25.646	0.27061	0.15013	136	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	25.500	0.06000	25.646	0.27061	0.15013	136	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	25.515	0.01000	25.646	0.27061	0.15013	136	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	25.520	0.22000	25.646	0.27061	0.15013	136	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	25.523	0.25300	25.646	0.27061	0.15013	136	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	25.525	0.05000	25.646	0.27061	0.15013	136	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	25.535	0.23000	25.646	0.27061	0.15013	136	-0.41	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	25.540	0.04000	25.646	0.27061	0.15013	136	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	25.540	0.18000	25.646	0.27061	0.15013	136	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	25.545	0.11000	25.646	0.27061	0.15013	136	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	25.550	0.30000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	25.550	0.30000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	25.550	0.10000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	25.550	0.14000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	25.550	0.10000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	25.550	0.10000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	25.550	0.10000	25.646	0.27061	0.15013	136	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	25.565	0.25000	25.646	0.27061	0.15013	136	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0660	25.565	0.07000	25.646	0.27061	0.15013	136	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	25.565	0.25000	25.646	0.27061	0.15013	136	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	25.580	0.02000	25.646	0.27061	0.15013	136	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	25.581	0.17900	25.646	0.27061	0.15013	136	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	25.585	0.37000	25.646	0.27061	0.15013	136	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	25.590	0.26000	25.646	0.27061	0.15013	136	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	25.600	0.00000	25.646	0.27061	0.15013	136	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	25.600	0.12000	25.646	0.27061	0.15013	136	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	25.603	0.55800	25.646	0.27061	0.15013	136	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	25.640	0.30000	25.646	0.27061	0.15013	136	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	25.650	0.06000	25.646	0.27061	0.15013	136	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	25.650	0.10000	25.646	0.27061	0.15013	136	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	25.650	0.04000	25.646	0.27061	0.15013	136	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	25.650	0.30000	25.646	0.27061	0.15013	136	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	25.660	0.18000	25.646	0.27061	0.15013	136	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	25.660	0.10000	25.646	0.27061	0.15013	136	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	25.661	0.41900	25.646	0.27061	0.15013	136	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	25.675	0.05000	25.646	0.27061	0.15013	136	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	25.675	0.03000	25.646	0.27061	0.15013	136	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	25.690	0.02000	25.646	0.27061	0.15013	136	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	25.693	0.04900	25.646	0.27061	0.15013	136	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	25.695	0.05000	25.646	0.27061	0.15013	136	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	25.700	0.00000	25.646	0.27061	0.15013	136	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	25.700	0.22000	25.646	0.27061	0.15013	136	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	25.705	0.29000	25.646	0.27061	0.15013	136	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	25.705	0.29000	25.646	0.27061	0.15013	136	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	25.715	0.11000	25.646	0.27061	0.15013	136	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	25.720	0.04000	25.646	0.27061	0.15013	136	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	25.720	0.18000	25.646	0.27061	0.15013	136	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	25.730	0.08000	25.646	0.27061	0.15013	136	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	25.735	0.07000	25.646	0.27061	0.15013	136	0.33	0%	0

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002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	25.740	0.02000	25.646	0.27061	0.15013	136	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0168	25.740	0.28000	25.646	0.27061	0.15013	136	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	25.740	0.06000	25.646	0.27061	0.15013	136	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	25.740	0.06000	25.646	0.27061	0.15013	136	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	25.742	0.02400	25.646	0.27061	0.15013	136	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	25.750	0.10000	25.646	0.27061	0.15013	136	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0689	25.750	0.30000	25.646	0.27061	0.15013	136	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	25.755	0.01000	25.646	0.27061	0.15013	136	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	25.763	0.04300	25.646	0.27061	0.15013	136	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	25.765	0.21000	25.646	0.27061	0.15013	136	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	25.778	0.00300	25.646	0.27061	0.15013	136	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	25.785	0.13000	25.646	0.27061	0.15013	136	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	25.785	0.15000	25.646	0.27061	0.15013	136	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	25.800	0.20000	25.646	0.27061	0.15013	136	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	25.800	0.00000	25.646	0.27061	0.15013	136	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	25.805	0.13000	25.646	0.27061	0.15013	136	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	25.835	0.07000	25.646	0.27061	0.15013	136	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	25.845	0.11000	25.646	0.27061	0.15013	136	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	25.850	0.10000	25.646	0.27061	0.15013	136	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	25.870	0.04000	25.646	0.27061	0.15013	136	0.83	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	25.895	0.11000	25.646	0.27061	0.15013	136	0.92	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	25.900	0.00000	25.646	0.27061	0.15013	136	0.94	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	25.920	0.04000	25.646	0.27061	0.15013	136	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	25.920	0.40000	25.646	0.27061	0.15013	136	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	25.920	0.14000	25.646	0.27061	0.15013	136	1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	25.925	0.27000	25.646	0.27061	0.15013	136	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2051	25.940	0.62000	25.646	0.27061	0.15013	136	1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	25.945	0.03000	25.646	0.27061	0.15013	136	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	25.945	0.09000	25.646	0.27061	0.15013	136	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	25.955	0.01000	25.646	0.27061	0.15013	136	1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	25.973	0.12600	25.646	0.27061	0.15013	136	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	25.985	0.01000	25.646	0.27061	0.15013	136	1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	25.993	0.01300	25.646	0.27061	0.15013	136	1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	26.000	0.60000	25.646	0.27061	0.15013	136	1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	26.008	0.05500	25.646	0.27061	0.15013	136	1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	26.030	0.04000	25.646	0.27061	0.15013	136	1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	26.050	0.12000	25.646	0.27061	0.15013	136	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	26.065	0.33000	25.646	0.27061	0.15013	136	1.55	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	26.100	0.20000	25.646	0.27061	0.15013	136	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	26.115	0.27000	25.646	0.27061	0.15013	136	1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	26.225	0.35000	25.646	0.27061	0.15013	136	2.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	26.250	0.72000	25.646	0.27061	0.15013	136	2.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	2016	26.345	0.43000	25.646	0.27061	0.15013	136	2.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	26.400	0.02000	25.646	0.27061	0.15013	136	2.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0178	26.410	0.18000	25.646	0.27061	0.15013	136	2.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	26.420	0.00000	25.646	0.27061	0.15013	136	2.86	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	26.515	0.55000	25.646	0.27061	0.15013	136	3.21	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	26.595	0.01000	25.646	0.27061	0.15013	136	3.51	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	26.600	0.20000	25.646	0.27061	0.15013	136	3.53	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	25.440	1.1000	25.646	0.27061	0.15013	136	-0.76	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	27.620	1.0600	25.646	0.27061	0.15013	136	7.29	4%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	28.915	1.9900	25.646	0.27061	0.15013	136	12.08	6%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	8.1900	0.00000	25.646	0.27061	0.15013	136	-64.51	34%	2
002.08	Protein, Cu/Ti (%)	0563	24.980	0.04060	25.333	0.42171	0.09353	3	-0.84	1%	0
002.08	Protein, Cu/Ti (%)	0098	25.220	0.24000	25.333	0.42171	0.09353	3	-0.27	0%	0
002.08	Protein, Cu/Ti (%)	0208	25.800	0.00000	25.333	0.42171	0.09353	3	1.11	1%	0
002.10	Protein, Block dig/distillation (%)	0629	25.800	0.00000			0.00000	1			0
002.11	Protein, NIR (%)	0852	24.215	0.05000	25.795	1.7334	0.06600	5	-0.91	3%	0
002.11	Protein, NIR (%)	0889	24.950	0.02000	25.795	1.7334	0.06600	5	-0.49	2%	0
002.11	Protein, NIR (%)	0720	25.520	0.08000	25.795	1.7334	0.06600	5	-0.16	1%	0
002.11	Protein, NIR (%)	0297	25.550	0.00000	25.795	1.7334	0.06600	5	-0.14	0%	0
002.11	Protein, NIR (%)	2036	28.740	0.18000	25.795	1.7334	0.06600	5	1.70	6%	0
002.99	Protein, Miscellaneous (%)	0643	24.720	0.46000	27.748	4.3836	0.23667	3	-0.69	5%	0
002.99	Protein, Miscellaneous (%)	2004	25.750	0.10000	27.748	4.3836	0.23667	3	-0.46	4%	0
002.99	Protein, Miscellaneous (%)	0681	32.775	0.15000	27.748	4.3836	0.23667	3	1.15	9%	0
003.00	Fat, Eth Ext., Direct (%)	0142	2.9850	0.11000	5.7557	0.34150	0.13340	14	-8.11	24%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.0300	0.10000	5.7557	0.34150	0.13340	14	-2.12	6%	0
003.00	Fat, Eth Ext., Direct (%)	0939	5.3050	0.33000	5.7557	0.34150	0.13340	14	-1.32	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	5.4150	0.01000	5.7557	0.34150	0.13340	14	-1.00	3%	0
003.00	Fat, Eth Ext., Direct (%)	2053	5.6150	0.01000	5.7557	0.34150	0.13340	14	-0.41	1%	0
003.00	Fat, Eth Ext., Direct (%)	0309	5.8022	0.02760	5.7557	0.34150	0.13340	14	0.14	0%	0
003.00	Fat, Eth Ext., Direct (%)	0175	5.8250	0.05000	5.7557	0.34150	0.13340	14	0.20	1%	0
003.00	Fat, Eth Ext., Direct (%)	0354	5.8300	0.02000	5.7557	0.34150	0.13340	14	0.22	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	5.8650	0.03000	5.7557	0.34150	0.13340	14	0.32	1%	0
003.00	Fat, Eth Ext., Direct (%)	0032	5.9050	0.21000	5.7557	0.34150	0.13340	14	0.44	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	5.9250	0.05000	5.7557	0.34150	0.13340	14	0.50	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	6.0550	0.87000	5.7557	0.34150	0.13340	14	0.88	3%	0
003.00	Fat, Eth Ext., Direct (%)	0035	6.0600	0.00000	5.7557	0.34150	0.13340	14	0.89	3%	0
003.00	Fat, Eth Ext., Direct (%)	0139	6.9250	0.05000	5.7557	0.34150	0.13340	14	3.42	10%	0
003.00	Fat, Eth Ext., Direct (%)	0876	5.0450	1.2100	5.7557	0.34150	0.13340	14	-2.08	6%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	2.7500	0.12000			0.07325	2	-0.71	16%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0563	5.2453	0.02650			0.07325	2	0.71	16%	0
003.06	Fat, Pet Ether (%)	0074	4.9950	0.31000	5.6271	0.19956	0.13905	19	-3.17	6%	0
003.06	Fat, Pet Ether (%)	0300	5.0650	0.09000	5.6271	0.19956	0.13905	19	-2.82	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			
003.06	Fat, Pet Ether (%)	2091	5.3600	0.08000	5.6271	0.19956	0.13905	19	-1.34	2%	0
003.06	Fat, Pet Ether (%)	0083	5.4700	0.34000	5.6271	0.19956	0.13905	19	-0.79	1%	0
003.06	Fat, Pet Ether (%)	0294	5.4750	0.03000	5.6271	0.19956	0.13905	19	-0.76	1%	0
003.06	Fat, Pet Ether (%)	0689	5.5500	0.10000	5.6271	0.19956	0.13905	19	-0.39	1%	0
003.06	Fat, Pet Ether (%)	0164	5.5900	0.02000	5.6271	0.19956	0.13905	19	-0.19	0%	0
003.06	Fat, Pet Ether (%)	0682	5.5900	0.00000	5.6271	0.19956	0.13905	19	-0.19	0%	0
003.06	Fat, Pet Ether (%)	0687	5.6000	0.10000	5.6271	0.19956	0.13905	19	-0.14	0%	0
003.06	Fat, Pet Ether (%)	0918	5.6200	0.48000	5.6271	0.19956	0.13905	19	-0.04	0%	0
003.06	Fat, Pet Ether (%)	0199	5.6950	0.03000	5.6271	0.19956	0.13905	19	0.34	1%	0
003.06	Fat, Pet Ether (%)	0297	5.7200	0.00000	5.6271	0.19956	0.13905	19	0.47	1%	0
003.06	Fat, Pet Ether (%)	0148	5.7300	0.04000	5.6271	0.19956	0.13905	19	0.52	1%	0
003.06	Fat, Pet Ether (%)	0425	5.7350	0.05000	5.6271	0.19956	0.13905	19	0.54	1%	0
003.06	Fat, Pet Ether (%)	0552	5.7500	0.06000	5.6271	0.19956	0.13905	19	0.62	1%	0
003.06	Fat, Pet Ether (%)	0849	5.7690	0.06200	5.6271	0.19956	0.13905	19	0.71	1%	0
003.06	Fat, Pet Ether (%)	0910	5.7800	0.18000	5.6271	0.19956	0.13905	19	0.77	1%	0
003.06	Fat, Pet Ether (%)	0511	6.0800	0.48000	5.6271	0.19956	0.13905	19	2.27	4%	0
003.06	Fat, Pet Ether (%)	0852	6.5250	0.19000	5.6271	0.19956	0.13905	19	4.50	8%	0
003.06	Fat, Pet Ether (%)	0169	0.00000	0.00000	5.6271	0.19956	0.13905	19	-28.20	50%	4
003.09	Fat, Soxtec, Eth Ext (%)	0051	4.8500	0.10000	5.7239	0.25485	0.05636	22	-3.43	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	5.2750	0.03000	5.7239	0.25485	0.05636	22	-1.76	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	5.5100	0.04000	5.7239	0.25485	0.05636	22	-0.84	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	5.5150	0.01000	5.7239	0.25485	0.05636	22	-0.82	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	5.5250	0.05000	5.7239	0.25485	0.05636	22	-0.78	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	5.5500	0.10000	5.7239	0.25485	0.05636	22	-0.68	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	5.5500	0.00000	5.7239	0.25485	0.05636	22	-0.68	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	5.5500	0.30000	5.7239	0.25485	0.05636	22	-0.68	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	5.6200	0.10000	5.7239	0.25485	0.05636	22	-0.41	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0968	5.7050	0.07800	5.7239	0.25485	0.05636	22	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	5.7150	0.03000	5.7239	0.25485	0.05636	22	-0.03	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	5.7150	0.01000	5.7239	0.25485	0.05636	22	-0.03	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	5.7450	0.03000	5.7239	0.25485	0.05636	22	0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	5.8250	0.01000	5.7239	0.25485	0.05636	22	0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	5.8500	0.10000	5.7239	0.25485	0.05636	22	0.49	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	5.8950	0.01000	5.7239	0.25485	0.05636	22	0.67	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.9050	0.09000	5.7239	0.25485	0.05636	22	0.71	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	5.9400	0.09650	5.7239	0.25485	0.05636	22	0.85	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	5.9550	0.01000	5.7239	0.25485	0.05636	22	0.91	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	5.9600	0.02000	5.7239	0.25485	0.05636	22	0.93	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	6.4043	0.01540	5.7239	0.25485	0.05636	22	2.67	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	6.6550	0.01000	5.7239	0.25485	0.05636	22	3.65	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0656	5.7650	0.45000	5.7239	0.25485	0.05636	22	0.16	0%	1
003.10	Fat, Soxtec, Pet Ether (%)	2022	5.1400	0.04000	5.4997	0.16296	0.11587	32	-2.21	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0881	5.2390	0.05800	5.4997	0.16296	0.11587	32	-1.60	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	5.2750	0.39000	5.4997	0.16296	0.11587	32	-1.38	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	5.2800	0.02000	5.4997	0.16296	0.11587	32	-1.35	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	5.3100	0.02000	5.4997	0.16296	0.11587	32	-1.16	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	5.3150	0.47000	5.4997	0.16296	0.11587	32	-1.13	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	5.3300	0.18000	5.4997	0.16296	0.11587	32	-1.04	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	5.3700	0.04000	5.4997	0.16296	0.11587	32	-0.80	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	5.3800	0.12000	5.4997	0.16296	0.11587	32	-0.73	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0178	5.4000	0.12000	5.4997	0.16296	0.11587	32	-0.61	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	5.4500	0.02000	5.4997	0.16296	0.11587	32	-0.30	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	5.4850	0.31000	5.4997	0.16296	0.11587	32	-0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	5.5050	0.07000	5.4997	0.16296	0.11587	32	0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	5.5100	0.06000	5.4997	0.16296	0.11587	32	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	5.5100	0.12000	5.4997	0.16296	0.11587	32	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2011	5.5100	0.16000	5.4997	0.16296	0.11587	32	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	5.5200	0.06000	5.4997	0.16296	0.11587	32	0.12	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	5.5350	0.01000	5.4997	0.16296	0.11587	32	0.22	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2018	5.5400	0.04000	5.4997	0.16296	0.11587	32	0.25	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0860	5.5400	0.26000	5.4997	0.16296	0.11587	32	0.25	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	5.5500	0.10000	5.4997	0.16296	0.11587	32	0.31	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	5.5550	0.17000	5.4997	0.16296	0.11587	32	0.34	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	5.5555	0.20500	5.4997	0.16296	0.11587	32	0.34	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0896	5.5850	0.01000	5.4997	0.16296	0.11587	32	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	5.5942	0.08510	5.4997	0.16296	0.11587	32	0.58	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	5.6150	0.01000	5.4997	0.16296	0.11587	32	0.71	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	5.6500	0.10000	5.4997	0.16296	0.11587	32	0.92	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	5.6650	0.05000	5.4997	0.16296	0.11587	32	1.01	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	5.7000	0.30000	5.4997	0.16296	0.11587	32	1.23	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	5.7220	0.02200	5.4997	0.16296	0.11587	32	1.36	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	5.7370	0.05760	5.4997	0.16296	0.11587	32	1.46	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	5.9150	0.03000	5.4997	0.16296	0.11587	32	2.55	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	7.3000	3.0400	5.4997	0.16296	0.11587	32	11.05	16%	2
003.11	Fat, NIR (%)	2036	4.1600	0.04000	5.3583	0.10611	0.11400	5	-1.77	9%	0
003.11	Fat, NIR (%)	0852	5.2850	0.05000	5.3583	0.10611	0.11400	5	0.32	2%	0
003.11	Fat, NIR (%)	0297	5.3100	0.06000	5.3583	0.10611	0.11400	5	0.37	2%	0
003.11	Fat, NIR (%)	0889	5.3300	0.40000	5.3583	0.10611	0.11400	5	0.40	2%	0
003.11	Fat, NIR (%)	0720	5.4800	0.02000	5.3583	0.10611	0.11400	5	0.68	4%	0
003.12	Fat, Hexane Ext (%)	0940	4.7400	0.16000	5.6067	0.16628	0.04625	8	-5.21	8%	0
003.12	Fat, Hexane Ext (%)	0897	5.4900	0.04000	5.6067	0.16628	0.04625	8	-0.70	1%	0
003.12	Fat, Hexane Ext (%)	0893	5.5250	0.01000	5.6067	0.16628	0.04625	8	-0.49	1%	0
003.12	Fat, Hexane Ext (%)	0895	5.5700	0.00000	5.6067	0.16628	0.04625	8	-0.22	0%	0
003.12	Fat, Hexane Ext (%)	0934	5.6350	0.03000	5.6067	0.16628	0.04625	8	0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.12	Fat, Hexane Ext (%)	0900	5.7000	0.02000	5.6067	0.16628	0.04625	8	0.56	1%	0
003.12	Fat, Hexane Ext (%)	0171	5.7600	0.10000	5.6067	0.16628	0.04625	8	0.92	1%	0
003.12	Fat, Hexane Ext (%)	0903	5.8050	0.01000	5.6067	0.16628	0.04625	8	1.19	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	5.1600	0.48000	5.6689	0.15886	0.18000	13	-3.20	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	5.2500	0.36000	5.6689	0.15886	0.18000	13	-2.64	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2048	5.5800	0.14000	5.6689	0.15886	0.18000	13	-0.56	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	5.6000	0.10000	5.6689	0.15886	0.18000	13	-0.43	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	5.6160	0.02000	5.6689	0.15886	0.18000	13	-0.33	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	5.6350	0.13000	5.6689	0.15886	0.18000	13	-0.21	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.6450	0.17000	5.6689	0.15886	0.18000	13	-0.15	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	5.6500	0.04000	5.6689	0.15886	0.18000	13	-0.12	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	5.7350	0.09000	5.6689	0.15886	0.18000	13	0.42	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	5.8100	0.16000	5.6689	0.15886	0.18000	13	0.89	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	5.9300	0.02000	5.6689	0.15886	0.18000	13	1.64	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	5.9600	0.02000	5.6689	0.15886	0.18000	13	1.83	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0660	5.9650	0.61000	5.6689	0.15886	0.18000	13	1.86	3%	0
003.14	Fat, Ankom (%)	2023	3.3900	0.12000	5.3567	0.39852	0.15882	39	-4.94	18%	0
003.14	Fat, Ankom (%)	0265	3.4650	0.35000	5.3567	0.39852	0.15882	39	-4.75	18%	0
003.14	Fat, Ankom (%)	0848	4.3900	0.04000	5.3567	0.39852	0.15882	39	-2.43	9%	0
003.14	Fat, Ankom (%)	0049	4.6150	0.73000	5.3567	0.39852	0.15882	39	-1.86	7%	0
003.14	Fat, Ankom (%)	0089	4.7700	0.00000	5.3567	0.39852	0.15882	39	-1.47	5%	0
003.14	Fat, Ankom (%)	0912	4.8600	0.42000	5.3567	0.39852	0.15882	39	-1.25	5%	0
003.14	Fat, Ankom (%)	0843	4.8650	0.51000	5.3567	0.39852	0.15882	39	-1.23	5%	0
003.14	Fat, Ankom (%)	0357	4.9000	0.00000	5.3567	0.39852	0.15882	39	-1.15	4%	0
003.14	Fat, Ankom (%)	0037	4.9950	0.11000	5.3567	0.39852	0.15882	39	-0.91	3%	0
003.14	Fat, Ankom (%)	0937	5.0500	0.02000	5.3567	0.39852	0.15882	39	-0.77	3%	0
003.14	Fat, Ankom (%)	0407	5.0770	0.18400	5.3567	0.39852	0.15882	39	-0.70	3%	0
003.14	Fat, Ankom (%)	0144	5.1000	0.04000	5.3567	0.39852	0.15882	39	-0.64	2%	0
003.14	Fat, Ankom (%)	0034	5.1300	0.08000	5.3567	0.39852	0.15882	39	-0.57	2%	0
003.14	Fat, Ankom (%)	0948	5.3150	0.09000	5.3567	0.39852	0.15882	39	-0.10	0%	0
003.14	Fat, Ankom (%)	0520	5.3200	0.16000	5.3567	0.39852	0.15882	39	-0.09	0%	0
003.14	Fat, Ankom (%)	0019	5.3600	0.12000	5.3567	0.39852	0.15882	39	0.01	0%	0
003.14	Fat, Ankom (%)	0108	5.3650	0.17000	5.3567	0.39852	0.15882	39	0.02	0%	0
003.14	Fat, Ankom (%)	0613	5.4050	0.41000	5.3567	0.39852	0.15882	39	0.12	0%	0
003.14	Fat, Ankom (%)	0581	5.4200	0.16000	5.3567	0.39852	0.15882	39	0.16	1%	0
003.14	Fat, Ankom (%)	0683	5.4200	0.28000	5.3567	0.39852	0.15882	39	0.16	1%	0
003.14	Fat, Ankom (%)	0066	5.4950	0.03000	5.3567	0.39852	0.15882	39	0.35	1%	0
003.14	Fat, Ankom (%)	0278	5.5000	0.00000	5.3567	0.39852	0.15882	39	0.36	1%	0
003.14	Fat, Ankom (%)	0956	5.5000	0.40000	5.3567	0.39852	0.15882	39	0.36	1%	0
003.14	Fat, Ankom (%)	0229	5.5100	0.04000	5.3567	0.39852	0.15882	39	0.38	1%	0
003.14	Fat, Ankom (%)	0009	5.5200	0.06000	5.3567	0.39852	0.15882	39	0.41	2%	0
003.14	Fat, Ankom (%)	0891	5.5428	0.00990	5.3567	0.39852	0.15882	39	0.47	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	
003.14	Fat, Ankom (%)	0183	5.5527	0.02190	5.3567	0.39852	0.15882	39	0.49	2%	0
003.14	Fat, Ankom (%)	0598	5.5650	0.21000	5.3567	0.39852	0.15882	39	0.52	2%	0
003.14	Fat, Ankom (%)	0015	5.5650	0.25000	5.3567	0.39852	0.15882	39	0.52	2%	0
003.14	Fat, Ankom (%)	0726	5.6150	0.01000	5.3567	0.39852	0.15882	39	0.65	2%	0
003.14	Fat, Ankom (%)	0003	5.6700	0.36000	5.3567	0.39852	0.15882	39	0.79	3%	0
003.14	Fat, Ankom (%)	0955	5.6800	0.00000	5.3567	0.39852	0.15882	39	0.81	3%	0
003.14	Fat, Ankom (%)	0004	5.7000	0.12000	5.3567	0.39852	0.15882	39	0.86	3%	0
003.14	Fat, Ankom (%)	2075	5.7050	0.03000	5.3567	0.39852	0.15882	39	0.87	3%	0
003.14	Fat, Ankom (%)	0413	5.7500	0.10000	5.3567	0.39852	0.15882	39	0.99	4%	0
003.14	Fat, Ankom (%)	0001	5.7790	0.30800	5.3567	0.39852	0.15882	39	1.06	4%	0
003.14	Fat, Ankom (%)	0529	5.8450	0.03000	5.3567	0.39852	0.15882	39	1.23	5%	0
003.14	Fat, Ankom (%)	0190	5.9100	0.14000	5.3567	0.39852	0.15882	39	1.39	5%	0
003.14	Fat, Ankom (%)	0358	5.9400	0.08000	5.3567	0.39852	0.15882	39	1.46	5%	0
003.14	Fat, Ankom (%)	0574	3.1950	0.99000	5.3567	0.39852	0.15882	39	-5.42	20%	1
003.14	Fat, Ankom (%)	0202	6.0100	1.1000	5.3567	0.39852	0.15882	39	1.64	6%	1
003.99	Fat, Miscellaneous (%)	0536	3.9950	0.01000	5.0067	0.90907	0.26000	4	-1.45	11%	0
003.99	Fat, Miscellaneous (%)	0047	5.2700	0.02000	5.0067	0.90907	0.26000	4	0.18	1%	0
003.99	Fat, Miscellaneous (%)	1019	5.5000	1.0000	5.0067	0.90907	0.26000	4	0.47	4%	0
003.99	Fat, Miscellaneous (%)	2066	5.7550	0.01000	5.0067	0.90907	0.26000	4	0.80	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.7900	0.12000	5.6132	0.38076	0.15663	25	-2.16	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	4.8550	0.37000	5.6132	0.38076	0.15663	25	-1.99	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	5.0100	0.08000	5.6132	0.38076	0.15663	25	-1.58	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	5.1725	0.16500	5.6132	0.38076	0.15663	25	-1.16	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	5.1950	0.19000	5.6132	0.38076	0.15663	25	-1.10	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	5.2750	0.03000	5.6132	0.38076	0.15663	25	-0.89	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	5.3250	0.11000	5.6132	0.38076	0.15663	25	-0.76	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	5.3350	0.53000	5.6132	0.38076	0.15663	25	-0.73	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.4500	0.10000	5.6132	0.38076	0.15663	25	-0.43	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	5.5800	0.06000	5.6132	0.38076	0.15663	25	-0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	5.5800	0.02000	5.6132	0.38076	0.15663	25	-0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0643	5.6100	0.36000	5.6132	0.38076	0.15663	25	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	5.6500	0.10000	5.6132	0.38076	0.15663	25	0.10	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.7000	0.00000	5.6132	0.38076	0.15663	25	0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.7450	0.07000	5.6132	0.38076	0.15663	25	0.35	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	5.7500	0.10000	5.6132	0.38076	0.15663	25	0.36	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.7620	0.18080	5.6132	0.38076	0.15663	25	0.39	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0353	5.8300	0.16000	5.6132	0.38076	0.15663	25	0.57	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.8700	0.16000	5.6132	0.38076	0.15663	25	0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0943	5.8750	0.01000	5.6132	0.38076	0.15663	25	0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	5.8900	0.04000	5.6132	0.38076	0.15663	25	0.73	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	6.0000	0.20000	5.6132	0.38076	0.15663	25	1.02	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	6.0200	0.54000	5.6132	0.38076	0.15663	25	1.07	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			
004.00	Fiber, Crude, Asbestos Free (%)	2011	6.5900	0.12000	5.6132	0.38076	0.15663	25	2.57	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0876	7.2500	0.10000	5.6132	0.38076	0.15663	25	4.30	15%	0
004.01	Fiber, Sing Filt (%)	0366	6.6000	0.80000			0.42500	2	-0.71	1%	0
004.01	Fiber, Sing Filt (%)	0045	6.8750	0.05000			0.42500	2	0.71	1%	0
004.03	Fiber, Fritted Glass (%)	2089	3.3400	0.06000	5.1790	1.1258	0.13400	5	-1.63	18%	0
004.03	Fiber, Fritted Glass (%)	0921	4.9900	0.12000	5.1790	1.1258	0.13400	5	-0.17	2%	0
004.03	Fiber, Fritted Glass (%)	0626	5.5550	0.03000	5.1790	1.1258	0.13400	5	0.33	4%	0
004.03	Fiber, Fritted Glass (%)	0656	5.7350	0.27000	5.1790	1.1258	0.13400	5	0.49	5%	0
004.03	Fiber, Fritted Glass (%)	0693	6.2750	0.19000	5.1790	1.1258	0.13400	5	0.97	11%	0
004.06	Fiber, Fibertec (%)	0895	5.0100	0.02000	5.7702	0.35597	0.08910	35	-2.14	7%	0
004.06	Fiber, Fibertec (%)	0689	5.3000	0.00000	5.7702	0.35597	0.08910	35	-1.32	4%	0
004.06	Fiber, Fibertec (%)	0038	5.3450	0.01000	5.7702	0.35597	0.08910	35	-1.19	4%	0
004.06	Fiber, Fibertec (%)	0508	5.3589	0.06580	5.7702	0.35597	0.08910	35	-1.16	4%	0
004.06	Fiber, Fibertec (%)	0918	5.3750	0.09000	5.7702	0.35597	0.08910	35	-1.11	3%	0
004.06	Fiber, Fibertec (%)	0881	5.3815	0.02500	5.7702	0.35597	0.08910	35	-1.09	3%	0
004.06	Fiber, Fibertec (%)	0893	5.4150	0.01000	5.7702	0.35597	0.08910	35	-1.00	3%	0
004.06	Fiber, Fibertec (%)	0860	5.5109	0.10000	5.7702	0.35597	0.08910	35	-0.73	2%	0
004.06	Fiber, Fibertec (%)	0885	5.5300	0.02000	5.7702	0.35597	0.08910	35	-0.67	2%	0
004.06	Fiber, Fibertec (%)	0653	5.5800	0.02000	5.7702	0.35597	0.08910	35	-0.53	2%	0
004.06	Fiber, Fibertec (%)	0098	5.6000	0.02000	5.7702	0.35597	0.08910	35	-0.48	1%	0
004.06	Fiber, Fibertec (%)	0590	5.6000	0.40000	5.7702	0.35597	0.08910	35	-0.48	1%	0
004.06	Fiber, Fibertec (%)	0199	5.6450	0.07000	5.7702	0.35597	0.08910	35	-0.35	1%	0
004.06	Fiber, Fibertec (%)	0941	5.6450	0.15000	5.7702	0.35597	0.08910	35	-0.35	1%	0
004.06	Fiber, Fibertec (%)	2022	5.6600	0.12000	5.7702	0.35597	0.08910	35	-0.31	1%	0
004.06	Fiber, Fibertec (%)	0620	5.6764	0.09630	5.7702	0.35597	0.08910	35	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0900	5.6850	0.03000	5.7702	0.35597	0.08910	35	-0.24	1%	0
004.06	Fiber, Fibertec (%)	0968	5.7005	0.03700	5.7702	0.35597	0.08910	35	-0.20	1%	0
004.06	Fiber, Fibertec (%)	0674	5.7550	0.01000	5.7702	0.35597	0.08910	35	-0.04	0%	0
004.06	Fiber, Fibertec (%)	0675	5.7700	0.06000	5.7702	0.35597	0.08910	35	0.00	0%	0
004.06	Fiber, Fibertec (%)	0205	5.8050	0.15000	5.7702	0.35597	0.08910	35	0.10	0%	0
004.06	Fiber, Fibertec (%)	0897	5.8950	0.01000	5.7702	0.35597	0.08910	35	0.35	1%	0
004.06	Fiber, Fibertec (%)	0720	5.9350	0.19000	5.7702	0.35597	0.08910	35	0.46	1%	0
004.06	Fiber, Fibertec (%)	2091	5.9500	0.00000	5.7702	0.35597	0.08910	35	0.50	2%	0
004.06	Fiber, Fibertec (%)	2006	5.9600	0.02000	5.7702	0.35597	0.08910	35	0.53	2%	0
004.06	Fiber, Fibertec (%)	2086	5.9850	0.03000	5.7702	0.35597	0.08910	35	0.60	2%	0
004.06	Fiber, Fibertec (%)	0948	6.0350	0.09000	5.7702	0.35597	0.08910	35	0.74	2%	0
004.06	Fiber, Fibertec (%)	0845	6.0700	0.30000	5.7702	0.35597	0.08910	35	0.84	3%	0
004.06	Fiber, Fibertec (%)	0178	6.1050	0.19000	5.7702	0.35597	0.08910	35	0.94	3%	0
004.06	Fiber, Fibertec (%)	0722	6.1609	0.31430	5.7702	0.35597	0.08910	35	1.10	3%	0
004.06	Fiber, Fibertec (%)	0934	6.1900	0.02000	5.7702	0.35597	0.08910	35	1.18	4%	0
004.06	Fiber, Fibertec (%)	0868	6.2650	0.01000	5.7702	0.35597	0.08910	35	1.39	4%	0
004.06	Fiber, Fibertec (%)	0676	6.3200	0.28000	5.7702	0.35597	0.08910	35	1.54	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	
004.06	Fiber, Fibertec (%)	0728	6.4350	0.15000	5.7702	0.35597	0.08910	35	1.87	6%	0
004.06	Fiber, Fibertec (%)	0609	6.8350	0.01000	5.7702	0.35597	0.08910	35	2.99	9%	0
004.06	Fiber, Fibertec (%)	0552	5.3450	0.49000	5.7702	0.35597	0.08910	35	-1.19	4%	1
004.07	Fiber, ANKOM (%)	0265	3.3500	0.12000	5.5415	0.56824	0.20243	62	-3.86	20%	0
004.07	Fiber, ANKOM (%)	2018	4.4050	0.23000	5.5415	0.56824	0.20243	62	-2.00	10%	0
004.07	Fiber, ANKOM (%)	0505	4.5000	0.10000	5.5415	0.56824	0.20243	62	-1.83	9%	0
004.07	Fiber, ANKOM (%)	0708	4.6000	0.20000	5.5415	0.56824	0.20243	62	-1.66	8%	0
004.07	Fiber, ANKOM (%)	0870	4.8062	0.00110	5.5415	0.56824	0.20243	62	-1.29	7%	0
004.07	Fiber, ANKOM (%)	0100	4.8100	0.12000	5.5415	0.56824	0.20243	62	-1.29	7%	0
004.07	Fiber, ANKOM (%)	0726	4.8500	0.10000	5.5415	0.56824	0.20243	62	-1.22	6%	0
004.07	Fiber, ANKOM (%)	2012	4.8700	0.06000	5.5415	0.56824	0.20243	62	-1.18	6%	0
004.07	Fiber, ANKOM (%)	0035	4.9050	0.05000	5.5415	0.56824	0.20243	62	-1.12	6%	0
004.07	Fiber, ANKOM (%)	0190	4.9800	0.16000	5.5415	0.56824	0.20243	62	-0.99	5%	0
004.07	Fiber, ANKOM (%)	0683	5.0050	0.01000	5.5415	0.56824	0.20243	62	-0.94	5%	0
004.07	Fiber, ANKOM (%)	0407	5.0211	0.19650	5.5415	0.56824	0.20243	62	-0.92	5%	0
004.07	Fiber, ANKOM (%)	0003	5.0450	0.05000	5.5415	0.56824	0.20243	62	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0096	5.0500	0.10000	5.5415	0.56824	0.20243	62	-0.86	4%	0
004.07	Fiber, ANKOM (%)	0413	5.0500	0.10000	5.5415	0.56824	0.20243	62	-0.86	4%	0
004.07	Fiber, ANKOM (%)	0910	5.0500	0.10000	5.5415	0.56824	0.20243	62	-0.86	4%	0
004.07	Fiber, ANKOM (%)	2053	5.1150	0.05000	5.5415	0.56824	0.20243	62	-0.75	4%	0
004.07	Fiber, ANKOM (%)	0619	5.1850	0.15000	5.5415	0.56824	0.20243	62	-0.63	3%	0
004.07	Fiber, ANKOM (%)	0891	5.1870	0.09800	5.5415	0.56824	0.20243	62	-0.62	3%	0
004.07	Fiber, ANKOM (%)	0032	5.3500	0.30000	5.5415	0.56824	0.20243	62	-0.34	2%	0
004.07	Fiber, ANKOM (%)	0520	5.3850	0.29000	5.5415	0.56824	0.20243	62	-0.28	1%	0
004.07	Fiber, ANKOM (%)	0646	5.3950	0.07000	5.5415	0.56824	0.20243	62	-0.26	1%	0
004.07	Fiber, ANKOM (%)	0723	5.4189	0.00000	5.5415	0.56824	0.20243	62	-0.22	1%	0
004.07	Fiber, ANKOM (%)	0123	5.4350	0.05000	5.5415	0.56824	0.20243	62	-0.19	1%	0
004.07	Fiber, ANKOM (%)	0098	5.4550	0.13000	5.5415	0.56824	0.20243	62	-0.15	1%	0
004.07	Fiber, ANKOM (%)	0033	5.4650	0.19000	5.5415	0.56824	0.20243	62	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0354	5.4700	0.16000	5.5415	0.56824	0.20243	62	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0300	5.4705	0.11900	5.5415	0.56824	0.20243	62	-0.12	1%	0
004.07	Fiber, ANKOM (%)	0263	5.5265	0.04700	5.5415	0.56824	0.20243	62	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0004	5.5300	0.46000	5.5415	0.56824	0.20243	62	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0066	5.5450	0.43000	5.5415	0.56824	0.20243	62	0.01	0%	0
004.07	Fiber, ANKOM (%)	0861	5.5450	0.41000	5.5415	0.56824	0.20243	62	0.01	0%	0
004.07	Fiber, ANKOM (%)	0015	5.5650	0.57000	5.5415	0.56824	0.20243	62	0.04	0%	0
004.07	Fiber, ANKOM (%)	0278	5.6000	0.20000	5.5415	0.56824	0.20243	62	0.10	1%	0
004.07	Fiber, ANKOM (%)	0009	5.6300	0.28000	5.5415	0.56824	0.20243	62	0.16	1%	0
004.07	Fiber, ANKOM (%)	0089	5.6400	0.04000	5.5415	0.56824	0.20243	62	0.17	1%	0
004.07	Fiber, ANKOM (%)	0242	5.6400	0.20000	5.5415	0.56824	0.20243	62	0.17	1%	0
004.07	Fiber, ANKOM (%)	0202	5.6450	0.07000	5.5415	0.56824	0.20243	62	0.18	1%	0
004.07	Fiber, ANKOM (%)	0042	5.6650	0.55000	5.5415	0.56824	0.20243	62	0.22	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 (%)	0553	5.6850	0.27000	5.5415	0.56824	0.20243	62	0.25	1%	0
004.07	Fiber, ANKOM (%)	0939	5.6900	0.98000	5.5415	0.56824	0.20243	62	0.26	1%	0
004.07	Fiber, ANKOM (%)	0510	5.7500	0.10000	5.5415	0.56824	0.20243	62	0.37	2%	0
004.07	Fiber, ANKOM (%)	0682	5.7500	0.10000	5.5415	0.56824	0.20243	62	0.37	2%	0
004.07	Fiber, ANKOM (%)	0563	5.8318	0.07910	5.5415	0.56824	0.20243	62	0.51	3%	0
004.07	Fiber, ANKOM (%)	0948	5.9350	0.21000	5.5415	0.56824	0.20243	62	0.69	4%	0
004.07	Fiber, ANKOM (%)	0074	5.9500	0.60000	5.5415	0.56824	0.20243	62	0.72	4%	0
004.07	Fiber, ANKOM (%)	0956	5.9500	0.10000	5.5415	0.56824	0.20243	62	0.72	4%	0
004.07	Fiber, ANKOM (%)	0297	5.9600	0.30000	5.5415	0.56824	0.20243	62	0.74	4%	0
004.07	Fiber, ANKOM (%)	0529	5.9850	0.03000	5.5415	0.56824	0.20243	62	0.78	4%	0
004.07	Fiber, ANKOM (%)	0848	6.0200	0.04000	5.5415	0.56824	0.20243	62	0.84	4%	0
004.07	Fiber, ANKOM (%)	0144	6.0250	0.01000	5.5415	0.56824	0.20243	62	0.85	4%	0
004.07	Fiber, ANKOM (%)	0937	6.0850	0.07000	5.5415	0.56824	0.20243	62	0.96	5%	0
004.07	Fiber, ANKOM (%)	0019	6.1350	0.07000	5.5415	0.56824	0.20243	62	1.04	5%	0
004.07	Fiber, ANKOM (%)	2075	6.1500	0.50000	5.5415	0.56824	0.20243	62	1.07	5%	0
004.07	Fiber, ANKOM (%)	0581	6.1800	0.22000	5.5415	0.56824	0.20243	62	1.12	6%	0
004.07	Fiber, ANKOM (%)	0955	6.2550	0.25000	5.5415	0.56824	0.20243	62	1.26	6%	0
004.07	Fiber, ANKOM (%)	0849	6.2700	0.02000	5.5415	0.56824	0.20243	62	1.28	7%	0
004.07	Fiber, ANKOM (%)	0598	6.3300	0.54000	5.5415	0.56824	0.20243	62	1.39	7%	0
004.07	Fiber, ANKOM (%)	0229	6.4000	0.20000	5.5415	0.56824	0.20243	62	1.51	8%	0
004.07	Fiber, ANKOM (%)	0034	6.5000	0.80000	5.5415	0.56824	0.20243	62	1.69	9%	0
004.07	Fiber, ANKOM (%)	0294	6.5500	0.10000	5.5415	0.56824	0.20243	62	1.77	9%	0
004.07	Fiber, ANKOM (%)	0083	7.2000	0.40000	5.5415	0.56824	0.20243	62	2.92	15%	0
004.07	Fiber, ANKOM (%)	0613	6.0250	1.5500	5.5415	0.56824	0.20243	62	0.85	4%	1
004.11	Fiber, NIR (%)	0720	2.8500	0.10000	4.0563	1.1173	0.09750	4	-1.08	15%	0
004.11	Fiber, NIR (%)	2036	3.5700	0.24000	4.0563	1.1173	0.09750	4	-0.44	6%	0
004.11	Fiber, NIR (%)	0889	4.3450	0.05000	4.0563	1.1173	0.09750	4	0.26	4%	0
004.11	Fiber, NIR (%)	0852	5.4600	0.00000	4.0563	1.1173	0.09750	4	1.26	17%	0
004.99	Fiber, Miscellaneous (%)	0610	4.9000	0.20000	5.3700	0.41797	0.23333	3	-1.12	4%	0
004.99	Fiber, Miscellaneous (%)	0536	5.5100	0.50000	5.3700	0.41797	0.23333	3	0.33	1%	0
004.99	Fiber, Miscellaneous (%)	0629	5.7000	0.00000	5.3700	0.41797	0.23333	3	0.79	3%	0
005.00	Ash, 2h @ 600°C (%)	2048	9.1845	0.19300	9.9545	0.27405	0.07765	99	-2.81	4%	0
005.00	Ash, 2h @ 600°C (%)	0960	9.3050	0.01000	9.9545	0.27405	0.07765	99	-2.37	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.4550	0.05000	9.9545	0.27405	0.07765	99	-1.82	3%	0
005.00	Ash, 2h @ 600°C (%)	0042	9.4650	0.15000	9.9545	0.27405	0.07765	99	-1.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0957	9.4750	0.27000	9.9545	0.27405	0.07765	99	-1.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.4900	0.10000	9.9545	0.27405	0.07765	99	-1.69	2%	0
005.00	Ash, 2h @ 600°C (%)	0959	9.4950	0.15000	9.9545	0.27405	0.07765	99	-1.68	2%	0
005.00	Ash, 2h @ 600°C (%)	0049	9.5250	0.05000	9.9545	0.27405	0.07765	99	-1.57	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.5750	0.05000	9.9545	0.27405	0.07765	99	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.5750	0.07000	9.9545	0.27405	0.07765	99	-1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	9.5900	0.06000	9.9545	0.27405	0.07765	99	-1.33	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	
005.00	Ash, 2h @ 600°C (%)	0870	9.6082	0.04890	9.9545	0.27405	0.07765	99	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	9.6100	0.06000	9.9545	0.27405	0.07765	99	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	9.6220	0.01800	9.9545	0.27405	0.07765	99	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0596	9.6300	0.02000	9.9545	0.27405	0.07765	99	-1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	9.6350	0.01000	9.9545	0.27405	0.07765	99	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0015	9.6450	0.01000	9.9545	0.27405	0.07765	99	-1.13	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	9.6700	0.06000	9.9545	0.27405	0.07765	99	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	9.6750	0.01000	9.9545	0.27405	0.07765	99	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.6750	0.03000	9.9545	0.27405	0.07765	99	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.6800	0.06000	9.9545	0.27405	0.07765	99	-1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	9.6900	0.06000	9.9545	0.27405	0.07765	99	-0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0194	9.7050	0.03000	9.9545	0.27405	0.07765	99	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.7100	0.10000	9.9545	0.27405	0.07765	99	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	9.7400	0.00000	9.9545	0.27405	0.07765	99	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	9.7400	0.32000	9.9545	0.27405	0.07765	99	-0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	9.7750	0.03000	9.9545	0.27405	0.07765	99	-0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.7950	0.35000	9.9545	0.27405	0.07765	99	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0958	9.8000	0.02000	9.9545	0.27405	0.07765	99	-0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	9.8100	0.14000	9.9545	0.27405	0.07765	99	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	9.8150	0.13000	9.9545	0.27405	0.07765	99	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	9.8170	0.11600	9.9545	0.27405	0.07765	99	-0.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	9.8450	0.01000	9.9545	0.27405	0.07765	99	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	9.8537	0.27770	9.9545	0.27405	0.07765	99	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	9.8550	0.03000	9.9545	0.27405	0.07765	99	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	9.8600	0.00000	9.9545	0.27405	0.07765	99	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0660	9.8600	0.20000	9.9545	0.27405	0.07765	99	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.8600	0.06000	9.9545	0.27405	0.07765	99	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	9.8800	0.08000	9.9545	0.27405	0.07765	99	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	9.8900	0.04000	9.9545	0.27405	0.07765	99	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.9150	0.05000	9.9545	0.27405	0.07765	99	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.9350	0.07000	9.9545	0.27405	0.07765	99	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	9.9500	0.02000	9.9545	0.27405	0.07765	99	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	9.9500	0.50000	9.9545	0.27405	0.07765	99	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	9.9525	0.07500	9.9545	0.27405	0.07765	99	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.9700	0.02000	9.9545	0.27405	0.07765	99	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.9726	0.15490	9.9545	0.27405	0.07765	99	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	9.9800	0.10000	9.9545	0.27405	0.07765	99	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.9800	0.00000	9.9545	0.27405	0.07765	99	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	9.9850	0.03000	9.9545	0.27405	0.07765	99	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	9.9964	0.00000	9.9545	0.27405	0.07765	99	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	10.000	0.00000	9.9545	0.27405	0.07765	99	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	10.000	0.02000	9.9545	0.27405	0.07765	99	0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
005.00	Ash, 2h @ 600°C (%)	0505	10.005	0.03000	9.9545	0.27405	0.07765	99	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	10.023	0.02400	9.9545	0.27405	0.07765	99	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	10.030	0.10000	9.9545	0.27405	0.07765	99	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	10.030	0.14000	9.9545	0.27405	0.07765	99	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0943	10.035	0.05000	9.9545	0.27405	0.07765	99	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	10.045	0.03000	9.9545	0.27405	0.07765	99	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	10.050	0.10000	9.9545	0.27405	0.07765	99	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	10.050	0.06000	9.9545	0.27405	0.07765	99	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	10.060	0.00000	9.9545	0.27405	0.07765	99	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	10.071	0.03200	9.9545	0.27405	0.07765	99	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	10.080	0.08000	9.9545	0.27405	0.07765	99	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	10.080	0.04000	9.9545	0.27405	0.07765	99	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	10.084	0.00800	9.9545	0.27405	0.07765	99	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	10.090	0.01000	9.9545	0.27405	0.07765	99	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	10.095	0.17000	9.9545	0.27405	0.07765	99	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	10.096	0.02400	9.9545	0.27405	0.07765	99	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.115	0.05000	9.9545	0.27405	0.07765	99	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	10.115	0.03000	9.9545	0.27405	0.07765	99	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	10.115	0.05000	9.9545	0.27405	0.07765	99	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	10.115	0.05000	9.9545	0.27405	0.07765	99	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	10.145	0.01000	9.9545	0.27405	0.07765	99	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	10.145	0.03000	9.9545	0.27405	0.07765	99	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	10.155	0.09000	9.9545	0.27405	0.07765	99	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	10.158	0.05870	9.9545	0.27405	0.07765	99	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	10.160	0.06500	9.9545	0.27405	0.07765	99	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	10.170	0.12000	9.9545	0.27405	0.07765	99	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0681	10.175	0.01000	9.9545	0.27405	0.07765	99	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	10.200	0.00000	9.9545	0.27405	0.07765	99	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	10.200	0.20000	9.9545	0.27405	0.07765	99	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	10.210	0.18000	9.9545	0.27405	0.07765	99	0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	10.225	0.03000	9.9545	0.27405	0.07765	99	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	10.236	0.03190	9.9545	0.27405	0.07765	99	1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	10.245	0.25000	9.9545	0.27405	0.07765	99	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	10.245	0.03000	9.9545	0.27405	0.07765	99	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	10.250	0.10000	9.9545	0.27405	0.07765	99	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	10.250	0.10000	9.9545	0.27405	0.07765	99	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.250	0.02000	9.9545	0.27405	0.07765	99	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	10.262	0.23640	9.9545	0.27405	0.07765	99	1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0354	10.280	0.02000	9.9545	0.27405	0.07765	99	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	10.330	0.02000	9.9545	0.27405	0.07765	99	1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	10.345	0.01400	9.9545	0.27405	0.07765	99	1.42	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	10.350	0.10000	9.9545	0.27405	0.07765	99	1.44	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	
005.00	Ash, 2h @ 600°C (%)	2089	10.405	0.01000	9.9545	0.27405	0.07765	99	1.64	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	10.450	0.10000	9.9545	0.27405	0.07765	99	1.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.505	0.27000	9.9545	0.27405	0.07765	99	2.01	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.600	0.00000	9.9545	0.27405	0.07765	99	2.36	3%	0
005.00	Ash, 2h @ 600°C (%)	0001	9.7560	0.58980	9.9545	0.27405	0.07765	99	-0.72	1%	1
005.00	Ash, 2h @ 600°C (%)	0051	10.150	0.90000	9.9545	0.27405	0.07765	99	0.71	1%	1
005.00	Ash, 2h @ 600°C (%)	0504	10.320	0.80000	9.9545	0.27405	0.07765	99	1.33	2%	1
005.05	Ash, 3h @ 550°C (%)	2086	9.6150	0.03000	10.227	0.18986	0.05513	33	-3.23	3%	0
005.05	Ash, 3h @ 550°C (%)	0897	9.8800	0.02000	10.227	0.18986	0.05513	33	-1.83	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	9.9650	0.23000	10.227	0.18986	0.05513	33	-1.38	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	10.045	0.05000	10.227	0.18986	0.05513	33	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	2011	10.045	0.01000	10.227	0.18986	0.05513	33	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	10.045	0.17000	10.227	0.18986	0.05513	33	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	10.050	0.10000	10.227	0.18986	0.05513	33	-0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	10.060	0.00640	10.227	0.18986	0.05513	33	-0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0893	10.060	0.02000	10.227	0.18986	0.05513	33	-0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	10.100	0.00000	10.227	0.18986	0.05513	33	-0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	0891	10.135	0.03000	10.227	0.18986	0.05513	33	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	10.145	0.01000	10.227	0.18986	0.05513	33	-0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	2091	10.175	0.03000	10.227	0.18986	0.05513	33	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0178	10.190	0.08000	10.227	0.18986	0.05513	33	-0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	10.200	0.00000	10.227	0.18986	0.05513	33	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	10.200	0.00000	10.227	0.18986	0.05513	33	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0934	10.235	0.05000	10.227	0.18986	0.05513	33	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	10.249	0.01700	10.227	0.18986	0.05513	33	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	10.255	0.03000	10.227	0.18986	0.05513	33	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	10.275	0.07000	10.227	0.18986	0.05513	33	0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	10.334	0.11590	10.227	0.18986	0.05513	33	0.56	1%	0
005.05	Ash, 3h @ 550°C (%)	0903	10.335	0.01000	10.227	0.18986	0.05513	33	0.57	1%	0
005.05	Ash, 3h @ 550°C (%)	0896	10.345	0.01000	10.227	0.18986	0.05513	33	0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	10.350	0.04000	10.227	0.18986	0.05513	33	0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0900	10.350	0.02000	10.227	0.18986	0.05513	33	0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.360	0.02000	10.227	0.18986	0.05513	33	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	10.365	0.03000	10.227	0.18986	0.05513	33	0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0038	10.375	0.05000	10.227	0.18986	0.05513	33	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	10.400	0.02000	10.227	0.18986	0.05513	33	0.91	1%	0
005.05	Ash, 3h @ 550°C (%)	2018	10.435	0.05000	10.227	0.18986	0.05513	33	1.09	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	10.520	0.28000	10.227	0.18986	0.05513	33	1.54	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	10.535	0.17000	10.227	0.18986	0.05513	33	1.62	2%	0
005.05	Ash, 3h @ 550°C (%)	0885	10.615	0.05000	10.227	0.18986	0.05513	33	2.04	2%	0
005.05	Ash, 3h @ 550°C (%)	0845	9.7400	0.32000	10.227	0.18986	0.05513	33	-2.57	2%	1
005.11	Ash, NIR (%)	2036	7.5600	0.04000	10.035	1.6991	0.07800	5	-1.46	12%	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 (%)	0889	9.5900	0.16000	10.035	1.6991	0.07800	5	-0.26	2%	0
005.11	Ash, NIR (%)	0720	9.7950	0.03000	10.035	1.6991	0.07800	5	-0.14	1%	0
005.11	Ash, NIR (%)	0297	11.320	0.04000	10.035	1.6991	0.07800	5	0.76	6%	0
005.11	Ash, NIR (%)	0852	11.910	0.12000	10.035	1.6991	0.07800	5	1.10	9%	0
005.99	Ash, Miscellaneous (%)	0662	9.6726	0.08630	10.181	0.18880	0.06512	11	-2.69	2%	0
005.99	Ash, Miscellaneous (%)	0202	9.6850	0.13000	10.181	0.18880	0.06512	11	-2.63	2%	0
005.99	Ash, Miscellaneous (%)	0613	10.000	0.14000	10.181	0.18880	0.06512	11	-0.96	1%	0
005.99	Ash, Miscellaneous (%)	0574	10.140	0.18000	10.181	0.18880	0.06512	11	-0.22	0%	0
005.99	Ash, Miscellaneous (%)	0676	10.165	0.01000	10.181	0.18880	0.06512	11	-0.09	0%	0
005.99	Ash, Miscellaneous (%)	0652	10.200	0.00000	10.181	0.18880	0.06512	11	0.10	0%	0
005.99	Ash, Miscellaneous (%)	2004	10.200	0.00000	10.181	0.18880	0.06512	11	0.10	0%	0
005.99	Ash, Miscellaneous (%)	0629	10.305	0.05000	10.181	0.18880	0.06512	11	0.66	1%	0
005.99	Ash, Miscellaneous (%)	2023	10.315	0.01000	10.181	0.18880	0.06512	11	0.71	1%	0
005.99	Ash, Miscellaneous (%)	0728	10.325	0.09000	10.181	0.18880	0.06512	11	0.76	1%	0
005.99	Ash, Miscellaneous (%)	0536	10.480	0.02000	10.181	0.18880	0.06512	11	1.58	1%	0
006.00	Total sugars, As sucrose (%)	0921	3.7150	0.03000	6.1917	2.9361	0.05000	3	-0.84	20%	0
006.00	Total sugars, As sucrose (%)	0939	5.4250	0.01000	6.1917	2.9361	0.05000	3	-0.26	6%	0
006.00	Total sugars, As sucrose (%)	0353	9.4350	0.11000	6.1917	2.9361	0.05000	3	1.10	26%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	5.5650	0.05000			0.07500	2	-0.71	2%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	6.0500	0.10000			0.07500	2	0.71	2%	0
006.99	Total sugars, Miscellaneous (%)	0720	3.3800	0.02000	5.5650	3.0901	0.41000	3	-0.68	16%	0
006.99	Total sugars, Miscellaneous (%)	2004	3.8950	1.1100	5.5650	3.0901	0.41000	3	-0.47	11%	0
006.99	Total sugars, Miscellaneous (%)	0956	7.7500	0.10000	5.5650	3.0901	0.41000	3	1.15	27%	0
008.02	Fiber, Acid Detergent (%)	0038	7.2550	0.03000	7.9479	0.63819	0.12516	12	-1.09	4%	0
008.02	Fiber, Acid Detergent (%)	0948	7.3700	0.10000	7.9479	0.63819	0.12516	12	-0.91	4%	0
008.02	Fiber, Acid Detergent (%)	0728	7.3850	0.43000	7.9479	0.63819	0.12516	12	-0.88	4%	0
008.02	Fiber, Acid Detergent (%)	0148	7.4150	0.05000	7.9479	0.63819	0.12516	12	-0.84	3%	0
008.02	Fiber, Acid Detergent (%)	0098	7.5850	0.21000	7.9479	0.63819	0.12516	12	-0.57	2%	0
008.02	Fiber, Acid Detergent (%)	0353	7.8250	0.15000	7.9479	0.63819	0.12516	12	-0.19	1%	0
008.02	Fiber, Acid Detergent (%)	0309	7.8516	0.22190	7.9479	0.63819	0.12516	12	-0.15	1%	0
008.02	Fiber, Acid Detergent (%)	0405	8.2900	0.06000	7.9479	0.63819	0.12516	12	0.54	2%	0
008.02	Fiber, Acid Detergent (%)	0187	8.4750	0.01000	7.9479	0.63819	0.12516	12	0.83	3%	0
008.02	Fiber, Acid Detergent (%)	0675	8.4950	0.05000	7.9479	0.63819	0.12516	12	0.86	3%	0
008.02	Fiber, Acid Detergent (%)	2011	8.5650	0.17000	7.9479	0.63819	0.12516	12	0.97	4%	0
008.02	Fiber, Acid Detergent (%)	0609	9.5900	0.02000	7.9479	0.63819	0.12516	12	2.57	10%	0
008.02	Fiber, Acid Detergent (%)	0504	7.3650	1.3500	7.9479	0.63819	0.12516	12	-0.91	4%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	8.1500	0.10000			0.10000	1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.8800	0.00000	7.4575	0.85911	0.21629	33	-1.84	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	5.9800	0.20000	7.4575	0.85911	0.21629	33	-1.72	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	6.0450	0.13000	7.4575	0.85911	0.21629	33	-1.64	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.1500	0.70000	7.4575	0.85911	0.21629	33	-1.52	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.6500	0.30000	7.4575	0.85911	0.21629	33	-0.94	5%	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			
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.8150	0.71000	7.4575	0.85911	0.21629	33	-0.75	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	6.8350	0.13000	7.4575	0.85911	0.21629	33	-0.72	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	6.8350	0.09000	7.4575	0.85911	0.21629	33	-0.72	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	7.0700	0.46000	7.4575	0.85911	0.21629	33	-0.45	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	7.0835	0.05300	7.4575	0.85911	0.21629	33	-0.44	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	7.1050	0.17000	7.4575	0.85911	0.21629	33	-0.41	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	7.1300	0.02000	7.4575	0.85911	0.21629	33	-0.38	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0723	7.1600	0.00000	7.4575	0.85911	0.21629	33	-0.35	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0178	7.1850	0.25000	7.4575	0.85911	0.21629	33	-0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	7.2950	0.55000	7.4575	0.85911	0.21629	33	-0.19	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.3400	0.08000	7.4575	0.85911	0.21629	33	-0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	7.3475	0.16500	7.4575	0.85911	0.21629	33	-0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	7.3950	0.43000	7.4575	0.85911	0.21629	33	-0.07	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	7.5300	0.18000	7.4575	0.85911	0.21629	33	0.08	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	7.5500	0.10000	7.4575	0.85911	0.21629	33	0.11	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	7.6788	0.38660	7.4575	0.85911	0.21629	33	0.26	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	7.7150	0.33000	7.4575	0.85911	0.21629	33	0.30	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	7.9000	0.38000	7.4575	0.85911	0.21629	33	0.52	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	8.0500	0.10000	7.4575	0.85911	0.21629	33	0.69	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	8.0800	0.02000	7.4575	0.85911	0.21629	33	0.72	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	8.3200	0.04000	7.4575	0.85911	0.21629	33	1.00	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	8.3500	0.30000	7.4575	0.85911	0.21629	33	1.04	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	8.4250	0.01000	7.4575	0.85911	0.21629	33	1.13	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	8.4500	0.10000	7.4575	0.85911	0.21629	33	1.16	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	8.5650	0.43000	7.4575	0.85911	0.21629	33	1.29	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	8.6000	0.10000	7.4575	0.85911	0.21629	33	1.33	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	9.0910	0.07200	7.4575	0.85911	0.21629	33	1.90	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	9.9636	0.15090	7.4575	0.85911	0.21629	33	2.92	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	9.4000	2.4000	7.4575	0.85911	0.21629	33	2.26	13%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	6.9950	0.09000			0.07000	2	-0.71	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	7.9250	0.05000			0.07000	2	0.71	3%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	19.175	1.4700			1.4700	1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	16.305	0.15000	17.464	1.2661	0.26729	8	-0.92	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	16.370	0.10000	17.464	1.2661	0.26729	8	-0.86	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	16.440	0.08000	17.464	1.2661	0.26729	8	-0.81	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	17.100	0.60000	17.464	1.2661	0.26729	8	-0.29	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	17.520	0.02000	17.464	1.2661	0.26729	8	0.04	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	18.158	0.18830	17.464	1.2661	0.26729	8	0.55	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	18.495	0.07000	17.464	1.2661	0.26729	8	0.81	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2011	25.535	0.93000	17.464	1.2661	0.26729	8	6.37	23%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	13.950	0.10000	17.025	1.5622	0.41966	34	-1.97	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	14.325	0.21000	17.025	1.5622	0.41966	34	-1.73	8%	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	15.035	0.03000	17.025	1.5622	0.41966	34	-1.27	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	15.100	0.20000	17.025	1.5622	0.41966	34	-1.23	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	15.205	0.39000	17.025	1.5622	0.41966	34	-1.17	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	15.515	0.25000	17.025	1.5622	0.41966	34	-0.97	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	15.604	0.06980	17.025	1.5622	0.41966	34	-0.91	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	15.800	1.6000	17.025	1.5622	0.41966	34	-0.78	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	16.032	0.08300	17.025	1.5622	0.41966	34	-0.64	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	16.170	0.20000	17.025	1.5622	0.41966	34	-0.55	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	16.325	0.17000	17.025	1.5622	0.41966	34	-0.45	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	16.475	0.71000	17.025	1.5622	0.41966	34	-0.35	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	16.550	0.50000	17.025	1.5622	0.41966	34	-0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0592	16.603	0.10500	17.025	1.5622	0.41966	34	-0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0723	16.660	0.00000	17.025	1.5622	0.41966	34	-0.23	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	16.775	0.09000	17.025	1.5622	0.41966	34	-0.16	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	16.785	1.3900	17.025	1.5622	0.41966	34	-0.15	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	16.920	0.44000	17.025	1.5622	0.41966	34	-0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	17.280	0.30000	17.025	1.5622	0.41966	34	0.16	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	17.400	0.20000	17.025	1.5622	0.41966	34	0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	17.500	0.60000	17.025	1.5622	0.41966	34	0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	17.510	0.06000	17.025	1.5622	0.41966	34	0.31	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	17.600	0.20000	17.025	1.5622	0.41966	34	0.37	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	17.700	1.0000	17.025	1.5622	0.41966	34	0.43	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	17.870	0.18000	17.025	1.5622	0.41966	34	0.54	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	18.030	0.54000	17.025	1.5622	0.41966	34	0.64	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	18.305	0.81000	17.025	1.5622	0.41966	34	0.82	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	18.515	0.09000	17.025	1.5622	0.41966	34	0.95	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	18.550	0.30000	17.025	1.5622	0.41966	34	0.98	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0178	19.070	1.1800	17.025	1.5622	0.41966	34	1.31	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	19.282	0.11580	17.025	1.5622	0.41966	34	1.44	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	19.650	0.30000	17.025	1.5622	0.41966	34	1.68	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	19.824	1.0650	17.025	1.5622	0.41966	34	1.79	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	19.975	0.79000	17.025	1.5622	0.41966	34	1.89	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	19.150	2.9000	17.025	1.5622	0.41966	34	1.36	6%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	15.190	0.02000	17.293	0.01768	0.20333	3	-1.15	4%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	17.280	0.14000	17.293	0.01768	0.20333	3	0.57	2%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	17.305	0.45000	17.293	0.01768	0.20333	3	0.59	2%	0
010.03	Moisture, Karl-Fischer (%)	0843	7.3050	0.39000	7.9200	0.53289	0.33333	3	-1.15	4%	0
010.03	Moisture, Karl-Fischer (%)	0208	8.2100	0.04000	7.9200	0.53289	0.33333	3	0.54	2%	0
010.03	Moisture, Karl-Fischer (%)	0164	8.2450	0.57000	7.9200	0.53289	0.33333	3	0.61	2%	0
010.11	Moisture, NIR (%)	0889	7.9450	0.01000	8.6658	0.67617	0.03567	6	-1.07	4%	0
010.11	Moisture, NIR (%)	0038	8.0900	0.00400	8.6658	0.67617	0.03567	6	-0.85	3%	0
010.11	Moisture, NIR (%)	0720	8.6100	0.02000	8.6658	0.67617	0.03567	6	-0.08	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			
010.11	Moisture, NIR (%)	0553	8.6600	0.08000	8.6658	0.67617	0.03567	6	-0.01	0%	0
010.11	Moisture, NIR (%)	2036	9.3250	0.03000	8.6658	0.67617	0.03567	6	0.97	4%	0
010.11	Moisture, NIR (%)	0852	9.3650	0.07000	8.6658	0.67617	0.03567	6	1.03	4%	0
010.11	Moisture, NIR (%)	2043	8.4400	0.26000	8.6658	0.67617	0.03567	6	-0.33	1%	1
010.99	Moisture, Miscellaneous (%)	0946	7.3400	0.00000	8.2557	0.46834	0.09653	16	-1.96	6%	0
010.99	Moisture, Miscellaneous (%)	0168	7.6900	0.18000	8.2557	0.46834	0.09653	16	-1.21	3%	0
010.99	Moisture, Miscellaneous (%)	0656	7.8550	0.07000	8.2557	0.46834	0.09653	16	-0.86	2%	0
010.99	Moisture, Miscellaneous (%)	0019	7.8700	0.02000	8.2557	0.46834	0.09653	16	-0.82	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.0300	0.06000	8.2557	0.46834	0.09653	16	-0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0910	8.1000	0.20000	8.2557	0.46834	0.09653	16	-0.33	1%	0
010.99	Moisture, Miscellaneous (%)	2004	8.1400	0.28000	8.2557	0.46834	0.09653	16	-0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.1700	0.08000	8.2557	0.46834	0.09653	16	-0.18	1%	0
010.99	Moisture, Miscellaneous (%)	0722	8.2653	0.03450	8.2557	0.46834	0.09653	16	0.02	0%	0
010.99	Moisture, Miscellaneous (%)	0726	8.2800	0.04000	8.2557	0.46834	0.09653	16	0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0021	8.3500	0.10000	8.2557	0.46834	0.09653	16	0.20	1%	0
010.99	Moisture, Miscellaneous (%)	0921	8.6150	0.07000	8.2557	0.46834	0.09653	16	0.77	2%	0
010.99	Moisture, Miscellaneous (%)	2089	8.6650	0.11000	8.2557	0.46834	0.09653	16	0.87	2%	0
010.99	Moisture, Miscellaneous (%)	0943	8.7600	0.08000	8.2557	0.46834	0.09653	16	1.08	3%	0
010.99	Moisture, Miscellaneous (%)	0190	8.7900	0.04000	8.2557	0.46834	0.09653	16	1.14	3%	0
010.99	Moisture, Miscellaneous (%)	0405	9.2600	0.18000	8.2557	0.46834	0.09653	16	2.14	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	7.6800	0.08000	9.0171	0.39859	0.15595	77	-3.35	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.0150	0.21000	9.0171	0.39859	0.15595	77	-2.51	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.0380	0.04200	9.0171	0.39859	0.15595	77	-2.46	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	8.0900	0.54000	9.0171	0.39859	0.15595	77	-2.33	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	8.1700	0.02000	9.0171	0.39859	0.15595	77	-2.13	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	8.3075	0.10500	9.0171	0.39859	0.15595	77	-1.78	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2016	8.3350	0.27000	9.0171	0.39859	0.15595	77	-1.71	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.3450	0.09000	9.0171	0.39859	0.15595	77	-1.69	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.3735	0.09700	9.0171	0.39859	0.15595	77	-1.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.3750	0.05000	9.0171	0.39859	0.15595	77	-1.61	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	8.4250	0.25000	9.0171	0.39859	0.15595	77	-1.49	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.4500	0.30000	9.0171	0.39859	0.15595	77	-1.42	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.4750	0.43000	9.0171	0.39859	0.15595	77	-1.36	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0960	8.5000	0.64000	9.0171	0.39859	0.15595	77	-1.30	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	8.5720	0.02200	9.0171	0.39859	0.15595	77	-1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	8.6373	0.05900	9.0171	0.39859	0.15595	77	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0178	8.6550	0.17000	9.0171	0.39859	0.15595	77	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.6700	0.14000	9.0171	0.39859	0.15595	77	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.6700	0.00000	9.0171	0.39859	0.15595	77	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.6774	0.18350	9.0171	0.39859	0.15595	77	-0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.7030	0.22050	9.0171	0.39859	0.15595	77	-0.79	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.7750	0.05000	9.0171	0.39859	0.15595	77	-0.61	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 (%)	0650	8.8150	0.25000	9.0171	0.39859	0.15595	77	-0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	8.8550	0.01000	9.0171	0.39859	0.15595	77	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	8.8600	0.04000	9.0171	0.39859	0.15595	77	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.8805	0.07300	9.0171	0.39859	0.15595	77	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.8900	0.00000	9.0171	0.39859	0.15595	77	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.9000	0.00000	9.0171	0.39859	0.15595	77	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	8.9250	0.00400	9.0171	0.39859	0.15595	77	-0.23	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.9400	0.22000	9.0171	0.39859	0.15595	77	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	8.9600	0.00000	9.0171	0.39859	0.15595	77	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.9950	0.09000	9.0171	0.39859	0.15595	77	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.9950	0.01000	9.0171	0.39859	0.15595	77	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.0050	0.05000	9.0171	0.39859	0.15595	77	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	9.0100	0.02000	9.0171	0.39859	0.15595	77	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.0300	0.14000	9.0171	0.39859	0.15595	77	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.0650	0.25000	9.0171	0.39859	0.15595	77	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.0700	0.32000	9.0171	0.39859	0.15595	77	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.0800	0.38000	9.0171	0.39859	0.15595	77	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	9.0850	0.03000	9.0171	0.39859	0.15595	77	0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.0900	0.04000	9.0171	0.39859	0.15595	77	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.1000	0.04000	9.0171	0.39859	0.15595	77	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	9.1000	0.20000	9.0171	0.39859	0.15595	77	0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.1150	0.69000	9.0171	0.39859	0.15595	77	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	9.1300	0.08000	9.0171	0.39859	0.15595	77	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.1300	0.06000	9.0171	0.39859	0.15595	77	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.1450	0.03000	9.0171	0.39859	0.15595	77	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	9.1500	0.14000	9.0171	0.39859	0.15595	77	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0660	9.1500	0.14000	9.0171	0.39859	0.15595	77	0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.1689	0.14870	9.0171	0.39859	0.15595	77	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.1750	0.07000	9.0171	0.39859	0.15595	77	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.1800	0.04000	9.0171	0.39859	0.15595	77	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.2000	0.20000	9.0171	0.39859	0.15595	77	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.2350	0.19000	9.0171	0.39859	0.15595	77	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.2400	0.42000	9.0171	0.39859	0.15595	77	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.2400	0.04000	9.0171	0.39859	0.15595	77	0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.2450	0.07000	9.0171	0.39859	0.15595	77	0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.2500	0.10000	9.0171	0.39859	0.15595	77	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.2800	0.14000	9.0171	0.39859	0.15595	77	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.2950	0.05000	9.0171	0.39859	0.15595	77	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.3050	0.15000	9.0171	0.39859	0.15595	77	0.72	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.3500	0.30000	9.0171	0.39859	0.15595	77	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.3850	0.05000	9.0171	0.39859	0.15595	77	0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.4000	0.02000	9.0171	0.39859	0.15595	77	0.96	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0541	9.4100	0.04000	9.0171	0.39859	0.15595	77	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.4150	0.03000	9.0171	0.39859	0.15595	77	1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0958	9.4300	0.06000	9.0171	0.39859	0.15595	77	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.4335	0.07630	9.0171	0.39859	0.15595	77	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.4600	0.00000	9.0171	0.39859	0.15595	77	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.4950	0.17000	9.0171	0.39859	0.15595	77	1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	9.4950	0.37000	9.0171	0.39859	0.15595	77	1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.5050	0.15000	9.0171	0.39859	0.15595	77	1.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.5565	0.11900	9.0171	0.39859	0.15595	77	1.35	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.6550	0.05000	9.0171	0.39859	0.15595	77	1.60	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	9.6700	0.76000	9.0171	0.39859	0.15595	77	1.64	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.7317	0.31810	9.0171	0.39859	0.15595	77	1.79	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.9300	0.60000	9.0171	0.39859	0.15595	77	2.29	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	7.9250	0.85000	9.0171	0.39859	0.15595	77	-2.74	6%	1
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.7900	0.90000	9.0171	0.39859	0.15595	77	-0.57	1%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	8.4500	0.10000			0.06000	2	-0.71	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	9.1600	0.02000			0.06000	2	0.71	2%	0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	8.7100	0.04000			0.04000	1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	8.6500	0.02000	8.8267	0.15373	0.01333	3	-1.15	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	8.9000	0.00000	8.8267	0.15373	0.01333	3	0.48	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	8.9300	0.02000	8.8267	0.15373	0.01333	3	0.67	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	18.400	0.40000	19.417	0.71576	0.14000	13	-1.42	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	18.544	0.00000	19.417	0.71576	0.14000	13	-1.22	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0178	18.695	0.01000	19.417	0.71576	0.14000	13	-1.01	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0653	18.800	0.24000	19.417	0.71576	0.14000	13	-0.86	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	19.350	0.30000	19.417	0.71576	0.14000	13	-0.09	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	19.400	0.00000	19.417	0.71576	0.14000	13	-0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	19.450	0.10000	19.417	0.71576	0.14000	13	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	19.670	0.08000	19.417	0.71576	0.14000	13	0.35	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	19.815	0.17000	19.417	0.71576	0.14000	13	0.56	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	19.940	0.00000	19.417	0.71576	0.14000	13	0.73	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	19.950	0.30000	19.417	0.71576	0.14000	13	0.74	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	20.040	0.22000	19.417	0.71576	0.14000	13	0.87	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0682	20.370	0.00000	19.417	0.71576	0.14000	13	1.33	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	19.410	1.2000	19.417	0.71576	0.14000	13	-0.01	0%	1
012.01	Starch, Megazyme (%)	0918	15.623	0.40100	16.883	1.0491	0.54823	8	-1.20	4%	0
012.01	Starch, Megazyme (%)	0676	16.095	1.2100	16.883	1.0491	0.54823	8	-0.75	2%	0
012.01	Starch, Megazyme (%)	0613	16.155	0.39000	16.883	1.0491	0.54823	8	-0.69	2%	0
012.01	Starch, Megazyme (%)	0956	16.700	0.40000	16.883	1.0491	0.54823	8	-0.17	1%	0
012.01	Starch, Megazyme (%)	0096	17.150	0.30000	16.883	1.0491	0.54823	8	0.25	1%	0
012.01	Starch, Megazyme (%)	2004	17.300	0.60000	16.883	1.0491	0.54823	8	0.40	1%	0
012.01	Starch, Megazyme (%)	0870	17.587	0.58480	16.883	1.0491	0.54823	8	0.67	2%	0

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012.01	Starch, Megazyme (%)	0265	19.950	0.50000	16.883	1.0491	0.54823	8	2.92	9%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	18.000	0.40000	21.702	5.9373	0.54333	3	-0.62	9%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	18.555	0.77000	21.702	5.9373	0.54333	3	-0.53	7%	0
012.02	Starch, Colorimetric (GOP) (%)	0848	28.550	0.46000	21.702	5.9373	0.54333	3	1.15	16%	0
012.03	Starch, Enzymatic (%)	0098	17.150	0.10000	18.263	1.0603	0.15800	5	-1.05	3%	0
012.03	Starch, Enzymatic (%)	0297	17.825	0.07000	18.263	1.0603	0.15800	5	-0.41	1%	0
012.03	Starch, Enzymatic (%)	0407	18.085	0.43000	18.263	1.0603	0.15800	5	-0.17	0%	0
012.03	Starch, Enzymatic (%)	0889	18.250	0.06000	18.263	1.0603	0.15800	5	-0.01	0%	0
012.03	Starch, Enzymatic (%)	0885	20.005	0.13000	18.263	1.0603	0.15800	5	1.64	5%	0
012.04	Starch, YSI Analyzer (%)	0278	16.400	0.20000	18.162	1.8776	0.35200	5	-0.94	5%	0
012.04	Starch, YSI Analyzer (%)	0510	17.350	0.50000	18.162	1.8776	0.35200	5	-0.43	2%	0
012.04	Starch, YSI Analyzer (%)	0353	17.585	0.23000	18.162	1.8776	0.35200	5	-0.31	2%	0
012.04	Starch, YSI Analyzer (%)	0208	18.150	0.70000	18.162	1.8776	0.35200	5	-0.01	0%	0
012.04	Starch, YSI Analyzer (%)	0948	21.325	0.13000	18.162	1.8776	0.35200	5	1.68	9%	0
012.11	Starch, NIR (%)	0889	16.370	0.04000	17.834	1.6793	0.08250	4	-0.87	4%	0
012.11	Starch, NIR (%)	0297	16.570	0.02000	17.834	1.6793	0.08250	4	-0.75	4%	0
012.11	Starch, NIR (%)	0852	18.490	0.18000	17.834	1.6793	0.08250	4	0.39	2%	0
012.11	Starch, NIR (%)	0720	19.905	0.09000	17.834	1.6793	0.08250	4	1.23	6%	0
013.00	Fat, Acid hydrolysis (%)	0629	5.5100	0.00000	6.4540	0.50990	0.16447	18	-1.85	7%	0
013.00	Fat, Acid hydrolysis (%)	0689	5.9000	0.20000	6.4540	0.50990	0.16447	18	-1.09	4%	0
013.00	Fat, Acid hydrolysis (%)	0083	6.0000	0.20000	6.4540	0.50990	0.16447	18	-0.89	4%	0
013.00	Fat, Acid hydrolysis (%)	2023	6.0200	0.44000	6.4540	0.50990	0.16447	18	-0.85	3%	0
013.00	Fat, Acid hydrolysis (%)	0297	6.0850	0.01000	6.4540	0.50990	0.16447	18	-0.72	3%	0
013.00	Fat, Acid hydrolysis (%)	0948	6.1150	0.03000	6.4540	0.50990	0.16447	18	-0.66	3%	0
013.00	Fat, Acid hydrolysis (%)	0242	6.3400	0.06000	6.4540	0.50990	0.16447	18	-0.22	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	6.3600	0.20000	6.4540	0.50990	0.16447	18	-0.18	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	6.3800	0.16000	6.4540	0.50990	0.16447	18	-0.15	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	6.4612	0.18650	6.4540	0.50990	0.16447	18	0.01	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	6.5500	0.10000	6.4540	0.50990	0.16447	18	0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	0681	6.5550	0.27000	6.4540	0.50990	0.16447	18	0.20	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	6.5750	0.29000	6.4540	0.50990	0.16447	18	0.24	1%	0
013.00	Fat, Acid hydrolysis (%)	0695	6.5880	0.36400	6.4540	0.50990	0.16447	18	0.26	1%	0
013.00	Fat, Acid hydrolysis (%)	0555	7.3350	0.15000	6.4540	0.50990	0.16447	18	1.73	7%	0
013.00	Fat, Acid hydrolysis (%)	2076	7.4450	0.09000	6.4540	0.50990	0.16447	18	1.94	8%	0
013.00	Fat, Acid hydrolysis (%)	0202	7.4850	0.01000	6.4540	0.50990	0.16447	18	2.02	8%	0
013.00	Fat, Acid hydrolysis (%)	2089	7.7600	0.20000	6.4540	0.50990	0.16447	18	2.56	10%	0
013.00	Fat, Acid hydrolysis (%)	2016	7.5950	1.4700	6.4540	0.50990	0.16447	18	2.24	9%	1
013.02	Fat, Mojonnier, Bak Ext (%)	2073	6.3050	0.07000	7.0376	0.32856	0.18824	25	-2.23	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.5950	0.01000	7.0376	0.32856	0.18824	25	-1.35	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0958	6.6350	0.17000	7.0376	0.32856	0.18824	25	-1.23	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	6.6600	0.50000	7.0376	0.32856	0.18824	25	-1.15	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	6.7300	0.08000	7.0376	0.32856	0.18824	25	-0.94	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			
013.02	Fat, Mojonnier, Bak Ext (%)	0960	6.8250	0.01000	7.0376	0.32856	0.18824	25	-0.65	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	6.8491	0.24600	7.0376	0.32856	0.18824	25	-0.57	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.8550	0.33000	7.0376	0.32856	0.18824	25	-0.56	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	6.8750	0.09000	7.0376	0.32856	0.18824	25	-0.49	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.8850	0.11000	7.0376	0.32856	0.18824	25	-0.46	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0943	6.9100	0.16000	7.0376	0.32856	0.18824	25	-0.39	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	6.9900	0.12000	7.0376	0.32856	0.18824	25	-0.14	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	7.0600	0.08000	7.0376	0.32856	0.18824	25	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	7.0700	0.02000	7.0376	0.32856	0.18824	25	0.10	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	7.1150	0.17000	7.0376	0.32856	0.18824	25	0.24	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	7.1300	0.28000	7.0376	0.32856	0.18824	25	0.28	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	7.1700	0.02000	7.0376	0.32856	0.18824	25	0.40	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	7.2000	0.20000	7.0376	0.32856	0.18824	25	0.49	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	7.2150	0.45000	7.0376	0.32856	0.18824	25	0.54	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	7.2450	0.21000	7.0376	0.32856	0.18824	25	0.63	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	7.3500	0.38000	7.0376	0.32856	0.18824	25	0.95	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0656	7.4350	0.21000	7.0376	0.32856	0.18824	25	1.21	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	7.4950	0.57000	7.0376	0.32856	0.18824	25	1.39	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	7.6200	0.00000	7.0376	0.32856	0.18824	25	1.77	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	8.1600	0.22000	7.0376	0.32856	0.18824	25	3.42	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	7.6700	1.2200	7.0376	0.32856	0.18824	25	1.92	4%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.2500	0.06000			0.06000	1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	5.6250	0.45000	6.3505	0.26372	0.24575	8	-2.75	6%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	6.1650	0.01000	6.3505	0.26372	0.24575	8	-0.70	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	6.2550	0.13000	6.3505	0.26372	0.24575	8	-0.36	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0660	6.3050	0.47000	6.3505	0.26372	0.24575	8	-0.17	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0968	6.3720	0.49600	6.3505	0.26372	0.24575	8	0.08	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0652	6.5000	0.20000	6.3505	0.26372	0.24575	8	0.57	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	6.5300	0.08000	6.3505	0.26372	0.24575	8	0.68	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	7.6450	0.13000	6.3505	0.26372	0.24575	8	4.91	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0619	5.8250	0.07000	6.8813	0.78839	0.19426	5	-1.34	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	6.5866	0.41130	6.8813	0.78839	0.19426	5	-0.37	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.6650	0.07000	6.8813	0.78839	0.19426	5	-0.27	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	7.6000	0.20000	6.8813	0.78839	0.19426	5	0.91	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	7.7300	0.22000	6.8813	0.78839	0.19426	5	1.08	6%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	497.45	31.460	575.11	67.490	12.502	6	-1.15	7%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0011	530.94	0.42250	575.11	67.490	12.502	6	-0.65	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	563.71	12.520	575.11	67.490	12.502	6	-0.17	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	571.00	2.0000	575.11	67.490	12.502	6	-0.06	0%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	635.00	0.00000	575.11	67.490	12.502	6	0.89	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	652.54	28.610	575.11	67.490	12.502	6	1.15	7%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	556.40	54.800			54.800	1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0168	345.50	6.0000	465.06	38.085	10.844	7	-3.14	13%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	398.50	9.0000	465.06	38.085	10.844	7	-1.75	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	456.31	3.3100	465.06	38.085	10.844	7	-0.23	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	467.50	3.0000	465.06	38.085	10.844	7	0.06	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	486.10	14.600	465.06	38.085	10.844	7	0.55	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	487.50	25.000	465.06	38.085	10.844	7	0.59	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	532.50	15.000	465.06	38.085	10.844	7	1.77	7%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0413	583.85	68.500			51.750	2	-0.71	1%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	610.50	35.000			51.750	2	0.71	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	15.945	0.43000			0.33500	2	-0.71	2%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	17.170	0.24000			0.33500	2	0.71	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2051	14.500	5.0000	16.154	1.7386	1.7920	5	-0.95	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	15.400	0.60000	16.154	1.7386	1.7920	5	-0.43	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	15.535	2.8100	16.154	1.7386	1.7920	5	-0.36	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	16.285	0.45000	16.154	1.7386	1.7920	5	0.08	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	19.050	0.10000	16.154	1.7386	1.7920	5	1.67	9%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	11.000	0.00000	16.224	0.96813	0.31833	6	-5.40	16%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	14.800	0.60000	16.224	0.96813	0.31833	6	-1.47	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	16.400	0.20000	16.224	0.96813	0.31833	6	0.18	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	16.520	0.70000	16.224	0.96813	0.31833	6	0.31	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	17.000	0.00000	16.224	0.96813	0.31833	6	0.80	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0168	17.075	0.41000	16.224	0.96813	0.31833	6	0.88	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0037	19.450	2.5000	16.224	0.96813	0.31833	6	3.33	10%	1
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0154	22.507	1.8660			1.8660	1			0
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0413	15.080	0.18100			0.18100	1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2097	1.4950	0.11000	1.8398	0.09135	0.03950	21	-3.77	9%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.7170	0.00200	1.8398	0.09135	0.03950	21	-1.34	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.7245	0.02520	1.8398	0.09135	0.03950	21	-1.26	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.7550	0.01000	1.8398	0.09135	0.03950	21	-0.93	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.7800	0.05200	1.8398	0.09135	0.03950	21	-0.65	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0934	1.7850	0.03000	1.8398	0.09135	0.03950	21	-0.60	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0891	1.7950	0.03000	1.8398	0.09135	0.03950	21	-0.49	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.8150	0.03000	1.8398	0.09135	0.03950	21	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.8250	0.01000	1.8398	0.09135	0.03950	21	-0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2091	1.8250	0.07000	1.8398	0.09135	0.03950	21	-0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.8400	0.04000	1.8398	0.09135	0.03950	21	0.00	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0900	1.8450	0.01000	1.8398	0.09135	0.03950	21	0.06	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.8500	0.02000	1.8398	0.09135	0.03950	21	0.11	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.8503	0.00000	1.8398	0.09135	0.03950	21	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0722	1.8522	0.06440	1.8398	0.09135	0.03950	21	0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.8800	0.00000	1.8398	0.09135	0.03950	21	0.44	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.9310	0.04600	1.8398	0.09135	0.03950	21	1.00	2%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	2011	1.9600	0.12000	1.8398	0.09135	0.03950	21	1.32	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.9950	0.05000	1.8398	0.09135	0.03950	21	1.70	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	2.3500	0.10000	1.8398	0.09135	0.03950	21	5.59	14%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	2.6350	0.01000	1.8398	0.09135	0.03950	21	8.70	22%	0
019.02	Calcium, Hach Method (%)	0536	2.4150	0.09000			0.09000	1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.8990	0.10500			0.10500	1			0
019.08	Calcium, EDTA (%)	0689	1.7200	0.04000	1.8083	0.04754	0.03981	9	-1.86	2%	0
019.08	Calcium, EDTA (%)	0885	1.7600	0.02000	1.8083	0.04754	0.03981	9	-1.02	1%	0
019.08	Calcium, EDTA (%)	0138	1.7810	0.04600	1.8083	0.04754	0.03981	9	-0.57	1%	0
019.08	Calcium, EDTA (%)	0629	1.8050	0.03000	1.8083	0.04754	0.03981	9	-0.07	0%	0
019.08	Calcium, EDTA (%)	0590	1.8100	0.04000	1.8083	0.04754	0.03981	9	0.04	0%	0
019.08	Calcium, EDTA (%)	0849	1.8150	0.01000	1.8083	0.04754	0.03981	9	0.14	0%	0
019.08	Calcium, EDTA (%)	2009	1.8287	0.00230	1.8083	0.04754	0.03981	9	0.43	1%	0
019.08	Calcium, EDTA (%)	2086	1.8550	0.01000	1.8083	0.04754	0.03981	9	0.98	1%	0
019.08	Calcium, EDTA (%)	0940	1.9900	0.16000	1.8083	0.04754	0.03981	9	3.82	5%	0
019.08	Calcium, EDTA (%)	0852	2.6500	0.30000	1.8083	0.04754	0.03981	9	17.70	23%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.7710	0.05000			0.05000	1			0
019.31	Calcium, AAS, Dry ash (%)	0596	1.5250	0.03000	1.8350	0.08446	0.03310	27	-3.67	8%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.5995	0.00000	1.8350	0.08446	0.03310	27	-2.79	6%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.6600	0.02000	1.8350	0.08446	0.03310	27	-2.07	5%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.7100	0.02000	1.8350	0.08446	0.03310	27	-1.48	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.7395	0.10500	1.8350	0.08446	0.03310	27	-1.13	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.7460	0.02800	1.8350	0.08446	0.03310	27	-1.05	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.7486	0.00940	1.8350	0.08446	0.03310	27	-1.02	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.7950	0.07000	1.8350	0.08446	0.03310	27	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.7950	0.01000	1.8350	0.08446	0.03310	27	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.8000	0.02000	1.8350	0.08446	0.03310	27	-0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.8150	0.01000	1.8350	0.08446	0.03310	27	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.8300	0.02000	1.8350	0.08446	0.03310	27	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0646	1.8350	0.01000	1.8350	0.08446	0.03310	27	0.00	0%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.8450	0.01000	1.8350	0.08446	0.03310	27	0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.8450	0.01000	1.8350	0.08446	0.03310	27	0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.8500	0.02000	1.8350	0.08446	0.03310	27	0.18	0%	0
019.31	Calcium, AAS, Dry ash (%)	0178	1.8525	0.00500	1.8350	0.08446	0.03310	27	0.21	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.8550	0.07000	1.8350	0.08446	0.03310	27	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.8700	0.06000	1.8350	0.08446	0.03310	27	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.8786	0.00360	1.8350	0.08446	0.03310	27	0.52	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.8850	0.01000	1.8350	0.08446	0.03310	27	0.59	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.8950	0.01000	1.8350	0.08446	0.03310	27	0.71	2%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.9040	0.09200	1.8350	0.08446	0.03310	27	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.9763	0.02080	1.8350	0.08446	0.03310	27	1.67	4%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.9850	0.05000	1.8350	0.08446	0.03310	27	1.78	4%	0

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019.31	Calcium, AAS, Dry ash (%)	0152	2.1500	0.10000	1.8350	0.08446	0.03310	27	3.73	9%	0
019.31	Calcium, AAS, Dry ash (%)	0175	2.2600	0.08000	1.8350	0.08446	0.03310	27	5.03	12%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.8000	0.20000	1.8350	0.08446	0.03310	27	-0.41	1%	1
019.32	Calcium, AAS, Open vessel (%)	0263	1.8215	0.00700	1.9055	0.07968	0.02200	4	-1.12	2%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.8705	0.07100	1.9055	0.07968	0.02200	4	-0.39	1%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.9150	0.01000	1.9055	0.07968	0.02200	4	0.27	0%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.9800	0.00000	1.9055	0.07968	0.02200	4	1.24	2%	0
019.33	Calcium, AAS, Microwave (%)	0010	1.9500	0.06000			0.06000	1			0
019.41	Calcium, ICP, Dry ash (%)	0520	1.6400	0.04000	1.8512	0.07227	0.03201	39	-2.92	6%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.6850	0.05000	1.8512	0.07227	0.03201	39	-2.30	4%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.7400	0.00000	1.8512	0.07227	0.03201	39	-1.54	3%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.7700	0.02000	1.8512	0.07227	0.03201	39	-1.12	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.7750	0.01000	1.8512	0.07227	0.03201	39	-1.05	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.7900	0.04000	1.8512	0.07227	0.03201	39	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.7900	0.00000	1.8512	0.07227	0.03201	39	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.7990	0.01650	1.8512	0.07227	0.03201	39	-0.72	1%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.8000	0.04000	1.8512	0.07227	0.03201	39	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.8000	0.00000	1.8512	0.07227	0.03201	39	-0.71	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.8050	0.01000	1.8512	0.07227	0.03201	39	-0.64	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.8050	0.01000	1.8512	0.07227	0.03201	39	-0.64	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.8150	0.00600	1.8512	0.07227	0.03201	39	-0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.8200	0.04000	1.8512	0.07227	0.03201	39	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0682	1.8200	0.00000	1.8512	0.07227	0.03201	39	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.8250	0.05400	1.8512	0.07227	0.03201	39	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0553	1.8250	0.01000	1.8512	0.07227	0.03201	39	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.8250	0.09000	1.8512	0.07227	0.03201	39	-0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.8350	0.01000	1.8512	0.07227	0.03201	39	-0.22	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.8450	0.03000	1.8512	0.07227	0.03201	39	-0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.8450	0.03000	1.8512	0.07227	0.03201	39	-0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.8550	0.01000	1.8512	0.07227	0.03201	39	0.05	0%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.8600	0.10000	1.8512	0.07227	0.03201	39	0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.8666	0.03260	1.8512	0.07227	0.03201	39	0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.8700	0.12000	1.8512	0.07227	0.03201	39	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	2089	1.8700	0.00000	1.8512	0.07227	0.03201	39	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0512	1.8785	0.06500	1.8512	0.07227	0.03201	39	0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.8800	0.08000	1.8512	0.07227	0.03201	39	0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0425	1.9200	0.00000	1.8512	0.07227	0.03201	39	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.9200	0.04000	1.8512	0.07227	0.03201	39	0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0964	1.9227	0.00310	1.8512	0.07227	0.03201	39	0.99	2%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.9250	0.05000	1.8512	0.07227	0.03201	39	1.02	2%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.9355	0.06900	1.8512	0.07227	0.03201	39	1.17	2%	0
019.41	Calcium, ICP, Dry ash (%)	0695	1.9490	0.06000	1.8512	0.07227	0.03201	39	1.35	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0848	1.9550	0.01000	1.8512	0.07227	0.03201	39	1.44	3%	0
019.41	Calcium, ICP, Dry ash (%)	0860	1.9619	0.01000	1.8512	0.07227	0.03201	39	1.53	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.9800	0.02000	1.8512	0.07227	0.03201	39	1.78	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.0320	0.01200	1.8512	0.07227	0.03201	39	2.50	5%	0
019.41	Calcium, ICP, Dry ash (%)	0720	2.0400	0.06000	1.8512	0.07227	0.03201	39	2.61	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.6950	0.15000	1.8512	0.07227	0.03201	39	-2.16	4%	1
019.41	Calcium, ICP, Dry ash (%)	0405	2.9600	0.04000	1.8512	0.07227	0.03201	39	15.34	30%	2
019.42	Calcium, ICP, Open vessel (%)	0042	1.7400	0.16000	1.8905	0.11105	0.07585	20	-1.36	4%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.7500	0.30000	1.8905	0.11105	0.07585	20	-1.27	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.7850	0.06200	1.8905	0.11105	0.07585	20	-0.95	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.8050	0.09000	1.8905	0.11105	0.07585	20	-0.77	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.8100	0.04000	1.8905	0.11105	0.07585	20	-0.73	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.8300	0.06000	1.8905	0.11105	0.07585	20	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.8300	0.04000	1.8905	0.11105	0.07585	20	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.8300	0.16000	1.8905	0.11105	0.07585	20	-0.55	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.8450	0.03000	1.8905	0.11105	0.07585	20	-0.41	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.8650	0.17000	1.8905	0.11105	0.07585	20	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.8700	0.05400	1.8905	0.11105	0.07585	20	-0.19	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.8800	0.04000	1.8905	0.11105	0.07585	20	-0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.9250	0.07000	1.8905	0.11105	0.07585	20	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.9400	0.06000	1.8905	0.11105	0.07585	20	0.45	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.0300	0.04000	1.8905	0.11105	0.07585	20	1.26	4%	0
019.42	Calcium, ICP, Open vessel (%)	0202	2.0450	0.01000	1.8905	0.11105	0.07585	20	1.39	4%	0
019.42	Calcium, ICP, Open vessel (%)	2051	2.0500	0.10000	1.8905	0.11105	0.07585	20	1.44	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.0605	0.01100	1.8905	0.11105	0.07585	20	1.53	4%	0
019.42	Calcium, ICP, Open vessel (%)	2053	2.0700	0.00000	1.8905	0.11105	0.07585	20	1.62	5%	0
019.42	Calcium, ICP, Open vessel (%)	0187	2.0800	0.02000	1.8905	0.11105	0.07585	20	1.71	5%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.8250	0.37000	1.8905	0.11105	0.07585	20	-0.59	2%	1
019.43	Calcium, ICP, Microwave (%)	0508	1.5836	0.03240	1.8463	0.10503	0.03525	22	-2.50	7%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.7000	0.00000	1.8463	0.10503	0.03525	22	-1.39	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.7050	0.01000	1.8463	0.10503	0.03525	22	-1.34	4%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.7400	0.10000	1.8463	0.10503	0.03525	22	-1.01	3%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.7650	0.05000	1.8463	0.10503	0.03525	22	-0.77	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.7730	0.01400	1.8463	0.10503	0.03525	22	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.7880	0.02800	1.8463	0.10503	0.03525	22	-0.55	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.7900	0.02000	1.8463	0.10503	0.03525	22	-0.54	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.8202	0.03310	1.8463	0.10503	0.03525	22	-0.25	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.8250	0.03000	1.8463	0.10503	0.03525	22	-0.20	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.8550	0.05000	1.8463	0.10503	0.03525	22	0.08	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.8600	0.04000	1.8463	0.10503	0.03525	22	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.8650	0.01000	1.8463	0.10503	0.03525	22	0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.8700	0.00000	1.8463	0.10503	0.03525	22	0.23	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			
019.43	Calcium, ICP, Microwave (%)	0668	1.8950	0.05000	1.8463	0.10503	0.03525	22	0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0168	1.9060	0.03800	1.8463	0.10503	0.03525	22	0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0199	1.9150	0.05000	1.8463	0.10503	0.03525	22	0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.9250	0.05000	1.8463	0.10503	0.03525	22	0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.9472	0.09090	1.8463	0.10503	0.03525	22	0.96	3%	0
019.43	Calcium, ICP, Microwave (%)	0644	1.9592	0.02820	1.8463	0.10503	0.03525	22	1.08	3%	0
019.43	Calcium, ICP, Microwave (%)	0037	2.0000	0.04000	1.8463	0.10503	0.03525	22	1.46	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	2.0775	0.01100	1.8463	0.10503	0.03525	22	2.20	6%	0
019.44	Calcium, ICP, Dry ash (%)	2023	1.8150	0.05000	1.8433	0.03329	0.04000	3	-0.85	1%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.8350	0.01000	1.8433	0.03329	0.04000	3	-0.25	0%	0
019.44	Calcium, ICP, Dry ash (%)	0955	1.8800	0.06000	1.8433	0.03329	0.04000	3	1.10	1%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0016	1.7650	0.05000	1.9159	0.19055	0.03960	3	-0.79	4%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.8526	0.02880	1.9159	0.19055	0.03960	3	-0.33	2%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.1300	0.04000	1.9159	0.19055	0.03960	3	1.12	6%	0
019.53	Calcium, ICP-MS, Microwave (%)	0413	1.9125	0.19500			0.19500	1			0
019.99	Calcium, Miscellaneous (%)	0889	1.3000	0.02000	1.8095	0.16394	0.04667	6	-3.11	14%	0
019.99	Calcium, Miscellaneous (%)	0676	1.7350	0.09000	1.8095	0.16394	0.04667	6	-0.45	2%	0
019.99	Calcium, Miscellaneous (%)	2006	1.7710	0.05000	1.8095	0.16394	0.04667	6	-0.23	1%	0
019.99	Calcium, Miscellaneous (%)	0242	1.8300	0.02000	1.8095	0.16394	0.04667	6	0.13	1%	0
019.99	Calcium, Miscellaneous (%)	0100	1.9200	0.02000	1.8095	0.16394	0.04667	6	0.67	3%	0
019.99	Calcium, Miscellaneous (%)	0852	3.0400	0.08000	1.8095	0.16394	0.04667	6	7.51	34%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0563	2.0350	0.07000	3.3271	0.72602	0.22000	7	-1.78	19%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	3.0000	0.00000	3.3271	0.72602	0.22000	7	-0.45	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	3.0500	0.30000	3.3271	0.72602	0.22000	7	-0.38	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	3.1900	0.68000	3.3271	0.72602	0.22000	7	-0.19	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	3.5900	0.24000	3.3271	0.72602	0.22000	7	0.36	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	2022	4.5000	0.20000	3.3271	0.72602	0.22000	7	1.62	18%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0646	4.8250	0.05000	3.3271	0.72602	0.22000	7	2.06	23%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	4.2950	0.35000			0.35000	1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.5000	0.02000	2.6016	0.71104	0.05856	5	-1.55	21%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0848	2.3200	0.00000	2.6016	0.71104	0.05856	5	-0.40	5%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	2.9280	0.10600	2.6016	0.71104	0.05856	5	0.46	6%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	2.9500	0.10000	2.6016	0.71104	0.05856	5	0.49	7%	0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	3.3098	0.06680	2.6016	0.71104	0.05856	5	1.00	14%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	2.8100	0.06000			0.04400	2	-0.71	2%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	3.0840	0.02800			0.04400	2	0.71	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	2.5400	0.04000	3.0549	0.42381	0.12198	6	-1.21	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	2.8700	0.14000	3.0549	0.42381	0.12198	6	-0.44	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	2.9000	0.20000	3.0549	0.42381	0.12198	6	-0.37	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	3.0600	0.02000	3.0549	0.42381	0.12198	6	0.01	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	3.3952	0.00390	3.0549	0.42381	0.12198	6	0.80	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	3.7390	0.32800	3.0549	0.42381	0.12198	6	1.61	11%	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			
021.51	Cobalt, ICP-MS, Dry ash (mg / kg (ppm))	0016	2.3500	0.20000			0.20000	1			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.4000	0.40000	2.5683	0.16065	0.16333	3	-1.05	3%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.5850	0.09000	2.5683	0.16065	0.16333	3	0.10	0%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.7200	0.00000	2.5683	0.16065	0.16333	3	0.94	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	1.7025	0.08700	2.8080	1.0276	0.27704	5	-1.08	20%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	2.1510	0.09600	2.8080	1.0276	0.27704	5	-0.64	12%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5102	0.03810	2.8080	1.0276	0.27704	5	-0.29	5%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	3.4150	0.73000	2.8080	1.0276	0.27704	5	0.59	11%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0413	4.2616	0.43410	2.8080	1.0276	0.27704	5	1.41	26%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0178	119.55	0.70000	129.82	5.4437	2.3010	21	-1.89	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0646	121.75	2.5000	129.82	5.4437	2.3010	21	-1.48	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	124.00	2.0000	129.82	5.4437	2.3010	21	-1.07	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	124.32	1.2000	129.82	5.4437	2.3010	21	-1.01	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	124.40	2.4200	129.82	5.4437	2.3010	21	-1.00	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	126.19	0.00000	129.82	5.4437	2.3010	21	-0.67	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	128.00	2.0000	129.82	5.4437	2.3010	21	-0.34	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	128.00	4.0000	129.82	5.4437	2.3010	21	-0.34	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0905	128.29	4.2100	129.82	5.4437	2.3010	21	-0.28	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	128.73	3.2500	129.82	5.4437	2.3010	21	-0.20	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0590	129.00	6.0000	129.82	5.4437	2.3010	21	-0.15	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0014	132.00	4.0000	129.82	5.4437	2.3010	21	0.40	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	132.25	2.7000	129.82	5.4437	2.3010	21	0.45	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0674	132.95	0.72000	129.82	5.4437	2.3010	21	0.57	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	133.50	1.0000	129.82	5.4437	2.3010	21	0.68	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	134.00	4.0000	129.82	5.4437	2.3010	21	0.77	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	134.95	0.90000	129.82	5.4437	2.3010	21	0.94	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	135.00	2.0000	129.82	5.4437	2.3010	21	0.95	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	135.16	1.3100	129.82	5.4437	2.3010	21	0.98	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	135.87	2.4100	129.82	5.4437	2.3010	21	1.11	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	136.30	1.0000	129.82	5.4437	2.3010	21	1.19	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	125.00	0.00000	140.50	15.172	2.6250	4	-1.02	6%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	131.90	4.8000	140.50	15.172	2.6250	4	-0.57	3%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	146.00	4.0000	140.50	15.172	2.6250	4	0.36	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0263	159.10	1.7000	140.50	15.172	2.6250	4	1.23	7%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	131.75	0.62000			0.62000	1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	107.28	0.55000	130.82	8.6435	3.1963	32	-2.72	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	111.72	2.8400	130.82	8.6435	3.1963	32	-2.21	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	115.10	1.8000	130.82	8.6435	3.1963	32	-1.82	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0004	119.00	2.0000	130.82	8.6435	3.1963	32	-1.37	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	123.13	6.3100	130.82	8.6435	3.1963	32	-0.89	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	123.50	5.0000	130.82	8.6435	3.1963	32	-0.85	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	123.95	6.6000	130.82	8.6435	3.1963	32	-0.79	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	125.59	0.08000	130.82	8.6435	3.1963	32	-0.60	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	127.00	6.0000	130.82	8.6435	3.1963	32	-0.44	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	127.00	2.0000	130.82	8.6435	3.1963	32	-0.44	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	127.50	1.0000	130.82	8.6435	3.1963	32	-0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	127.70	4.2000	130.82	8.6435	3.1963	32	-0.36	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	128.00	0.00000	130.82	8.6435	3.1963	32	-0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	129.00	12.000	130.82	8.6435	3.1963	32	-0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	129.50	1.0000	130.82	8.6435	3.1963	32	-0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0682	129.50	0.00000	130.82	8.6435	3.1963	32	-0.15	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0425	130.35	0.10000	130.82	8.6435	3.1963	32	-0.05	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	131.50	1.0000	130.82	8.6435	3.1963	32	0.08	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	132.50	5.0000	130.82	8.6435	3.1963	32	0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	132.59	0.58000	130.82	8.6435	3.1963	32	0.21	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	133.00	2.0000	130.82	8.6435	3.1963	32	0.25	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2089	135.89	7.0600	130.82	8.6435	3.1963	32	0.59	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	135.95	1.7000	130.82	8.6435	3.1963	32	0.59	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	136.30	1.4800	130.82	8.6435	3.1963	32	0.63	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	136.76	2.2600	130.82	8.6435	3.1963	32	0.69	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0512	137.65	6.3000	130.82	8.6435	3.1963	32	0.79	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	137.85	7.9000	130.82	8.6435	3.1963	32	0.81	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	139.27	1.4100	130.82	8.6435	3.1963	32	0.98	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	142.80	4.0000	130.82	8.6435	3.1963	32	1.39	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	144.53	2.1100	130.82	8.6435	3.1963	32	1.59	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	149.50	3.0000	130.82	8.6435	3.1963	32	2.16	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	183.50	5.0000	130.82	8.6435	3.1963	32	6.10	20%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	135.95	15.300	130.82	8.6435	3.1963	32	0.59	2%	1
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0553	1.3600	0.00000	130.82	8.6435	3.1963	32	-14.98	49%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	121.25	20.900	139.39	13.026	7.2342	19	-1.39	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	122.45	1.1000	139.39	13.026	7.2342	19	-1.30	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	127.50	3.0000	139.39	13.026	7.2342	19	-0.91	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	128.00	2.0000	139.39	13.026	7.2342	19	-0.87	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	130.30	3.0000	139.39	13.026	7.2342	19	-0.70	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	131.50	1.0000	139.39	13.026	7.2342	19	-0.61	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	133.00	2.0000	139.39	13.026	7.2342	19	-0.49	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	133.50	15.000	139.39	13.026	7.2342	19	-0.45	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	137.00	8.0000	139.39	13.026	7.2342	19	-0.18	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	140.00	20.000	139.39	13.026	7.2342	19	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	140.90	6.8000	139.39	13.026	7.2342	19	0.12	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	143.50	5.0000	139.39	13.026	7.2342	19	0.32	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2051	145.00	10.000	139.39	13.026	7.2342	19	0.43	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	145.21	5.6200	139.39	13.026	7.2342	19	0.45	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	145.49	0.95000	139.39	13.026	7.2342	19	0.47	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0160	151.50	11.000	139.39	13.026	7.2342	19	0.93	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	154.59	0.18000	139.39	13.026	7.2342	19	1.17	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	160.25	17.900	139.39	13.026	7.2342	19	1.60	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	168.00	4.0000	139.39	13.026	7.2342	19	2.20	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	103.30	0.60000	130.68	6.8772	3.5983	20	-3.98	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	121.00	2.0000	130.68	6.8772	3.5983	20	-1.41	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	122.95	4.8100	130.68	6.8772	3.5983	20	-1.12	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	123.50	5.0000	130.68	6.8772	3.5983	20	-1.04	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	125.50	1.0000	130.68	6.8772	3.5983	20	-0.75	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	128.05	2.1200	130.68	6.8772	3.5983	20	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	129.00	8.0000	130.68	6.8772	3.5983	20	-0.24	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	129.00	2.0000	130.68	6.8772	3.5983	20	-0.24	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0168	129.20	2.4000	130.68	6.8772	3.5983	20	-0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0508	129.75	9.8400	130.68	6.8772	3.5983	20	-0.14	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	131.00	0.00000	130.68	6.8772	3.5983	20	0.05	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	131.65	6.3000	130.68	6.8772	3.5983	20	0.14	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	132.00	2.0000	130.68	6.8772	3.5983	20	0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	134.00	2.0000	130.68	6.8772	3.5983	20	0.48	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	134.50	5.0000	130.68	6.8772	3.5983	20	0.56	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	135.63	4.5800	130.68	6.8772	3.5983	20	0.72	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0037	137.75	7.3000	130.68	6.8772	3.5983	20	1.03	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	138.00	0.00000	130.68	6.8772	3.5983	20	1.06	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0644	146.86	3.0960	130.68	6.8772	3.5983	20	2.35	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	151.66	3.9200	130.68	6.8772	3.5983	20	3.05	8%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	129.50	1.0000			1.0000	1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	135.00	10.000	150.80	13.718	4.0000	3	-0.79	4%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	141.10	1.0000	150.80	13.718	4.0000	3	-0.33	2%	0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	160.50	1.0000	150.80	13.718	4.0000	3	1.12	5%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	119.00	28.000	129.76	14.922	12.973	4	-0.72	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	120.00	12.000	129.76	14.922	12.973	4	-0.65	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	128.92	4.1500	129.76	14.922	12.973	4	-0.06	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0413	151.12	7.7400	129.76	14.922	12.973	4	1.43	8%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	132.00	0.00000			1.5000	2	-0.71	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	132.50	3.0000			1.5000	2	0.71	0%	0
024.01	Iodine, Elm-Cald (mg / kg (ppm))	0208	2.7400	0.24000			0.24000	1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0596	342.35	1.1000			1.1000	1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	317.72	41.680	472.94	22.271	12.998	17	-6.97	16%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0646	445.75	6.5000	472.94	22.271	12.998	17	-1.22	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	451.89	0.00000	472.94	22.271	12.998	17	-0.95	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	456.50	9.0000	472.94	22.271	12.998	17	-0.74	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	458.44	28.030	472.94	22.271	12.998	17	-0.65	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	460.00	24.000	472.94	22.271	12.998	17	-0.58	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	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	464.50	1.0000	472.94	22.271	12.998	17	-0.38	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	467.50	13.000	472.94	22.271	12.998	17	-0.24	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	473.05	6.1000	472.94	22.271	12.998	17	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	474.52	4.5600	472.94	22.271	12.998	17	0.07	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	479.50	11.000	472.94	22.271	12.998	17	0.29	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	485.50	23.000	472.94	22.271	12.998	17	0.56	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	487.50	3.0000	472.94	22.271	12.998	17	0.65	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	490.68	8.3000	472.94	22.271	12.998	17	0.80	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	497.61	26.800	472.94	22.271	12.998	17	1.11	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	501.00	0.00000	472.94	22.271	12.998	17	1.26	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	507.50	15.000	472.94	22.271	12.998	17	1.55	4%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	295.50	7.0000	431.91	118.41	21.570	3	-1.15	16%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	492.00	54.200	431.91	118.41	21.570	3	0.51	7%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0263	508.23	3.5100	431.91	118.41	21.570	3	0.64	9%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	462.29	5.3100			5.3100	1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0848	367.14	0.30000	461.83	25.242	13.960	35	-3.75	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	370.50	21.000	461.83	25.242	13.960	35	-3.62	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	410.50	19.000	461.83	25.242	13.960	35	-2.03	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	435.06	5.0350	461.83	25.242	13.960	35	-1.06	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0425	438.25	1.3000	461.83	25.242	13.960	35	-0.93	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	438.90	7.6400	461.83	25.242	13.960	35	-0.91	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2089	439.22	3.9400	461.83	25.242	13.960	35	-0.90	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	441.50	5.0000	461.83	25.242	13.960	35	-0.81	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	443.50	55.000	461.83	25.242	13.960	35	-0.73	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	444.37	7.9930	461.83	25.242	13.960	35	-0.69	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	445.50	9.0000	461.83	25.242	13.960	35	-0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	446.00	0.00000	461.83	25.242	13.960	35	-0.63	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	451.00	18.000	461.83	25.242	13.960	35	-0.43	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	453.37	0.67000	461.83	25.242	13.960	35	-0.34	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	453.83	44.870	461.83	25.242	13.960	35	-0.32	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	454.50	3.0000	461.83	25.242	13.960	35	-0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	460.20	1.4000	461.83	25.242	13.960	35	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0682	465.40	0.00000	461.83	25.242	13.960	35	0.14	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	468.00	0.00000	461.83	25.242	13.960	35	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	468.00	11.800	461.83	25.242	13.960	35	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	469.30	3.8000	461.83	25.242	13.960	35	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	470.10	7.6000	461.83	25.242	13.960	35	0.33	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0553	471.00	4.0000	461.83	25.242	13.960	35	0.36	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	476.86	17.694	461.83	25.242	13.960	35	0.60	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	477.50	9.0000	461.83	25.242	13.960	35	0.62	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	478.50	67.000	461.83	25.242	13.960	35	0.66	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	479.59	9.6900	461.83	25.242	13.960	35	0.70	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			
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	479.60	18.400	461.83	25.242	13.960	35	0.70	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	481.00	46.000	461.83	25.242	13.960	35	0.76	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	486.50	17.000	461.83	25.242	13.960	35	0.98	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0004	487.00	10.000	461.83	25.242	13.960	35	1.00	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	489.50	22.600	461.83	25.242	13.960	35	1.10	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	502.69	29.680	461.83	25.242	13.960	35	1.62	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0512	509.10	6.2000	461.83	25.242	13.960	35	1.87	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	617.50	5.0000	461.83	25.242	13.960	35	6.17	17%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	332.00	268.00	461.83	25.242	13.960	35	-5.14	14%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2051	200.00	0.00000	433.09	57.416	15.197	15	-4.06	27%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	302.85	19.700	433.09	57.416	15.197	15	-2.27	15%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	345.00	50.000	433.09	57.416	15.197	15	-1.53	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	349.20	17.400	433.09	57.416	15.197	15	-1.46	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	400.50	3.0000	433.09	57.416	15.197	15	-0.57	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	434.05	24.300	433.09	57.416	15.197	15	0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	439.53	4.4600	433.09	57.416	15.197	15	0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	444.00	4.0000	433.09	57.416	15.197	15	0.19	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	451.00	24.000	433.09	57.416	15.197	15	0.31	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	453.89	3.8200	433.09	57.416	15.197	15	0.36	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	468.50	1.0000	433.09	57.416	15.197	15	0.62	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	471.64	2.2800	433.09	57.416	15.197	15	0.67	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	480.50	1.0000	433.09	57.416	15.197	15	0.83	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	498.50	31.000	433.09	57.416	15.197	15	1.14	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	503.00	42.000	433.09	57.416	15.197	15	1.22	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	485.00	84.000	433.09	57.416	15.197	15	0.90	6%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	357.92	12.500	451.00	35.591	13.031	20	-2.62	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	401.00	6.0000	451.00	35.591	13.031	20	-1.40	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	413.00	4.0000	451.00	35.591	13.031	20	-1.07	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	420.49	1.7700	451.00	35.591	13.031	20	-0.86	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	429.10	33.800	451.00	35.591	13.031	20	-0.62	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	432.50	7.0000	451.00	35.591	13.031	20	-0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	434.00	10.000	451.00	35.591	13.031	20	-0.48	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	437.95	24.100	451.00	35.591	13.031	20	-0.37	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	447.50	41.000	451.00	35.591	13.031	20	-0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	447.50	3.0000	451.00	35.591	13.031	20	-0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	449.50	3.0000	451.00	35.591	13.031	20	-0.04	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0168	450.25	12.100	451.00	35.591	13.031	20	-0.02	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0037	454.00	6.2000	451.00	35.591	13.031	20	0.08	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	471.00	10.000	451.00	35.591	13.031	20	0.56	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	472.00	16.000	451.00	35.591	13.031	20	0.59	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0508	480.47	19.360	451.00	35.591	13.031	20	0.83	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	492.00	0.00000	451.00	35.591	13.031	20	1.15	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			
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	495.00	14.000	451.00	35.591	13.031	20	1.24	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	495.49	35.290	451.00	35.591	13.031	20	1.25	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0644	516.75	1.5000	451.00	35.591	13.031	20	1.85	7%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0016	386.50	33.000	428.73	45.254	34.613	4	-0.93	5%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	395.00	30.000	428.73	45.254	34.613	4	-0.75	4%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	453.73	36.450	428.73	45.254	34.613	4	0.55	3%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	479.70	39.000	428.73	45.254	34.613	4	1.13	6%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	179.50	13.000	362.11	162.10	9.9967	3	-1.13	25%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	417.82	0.99000	362.11	162.10	9.9967	3	0.34	8%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0413	489.00	16.000	362.11	162.10	9.9967	3	0.78	18%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	448.50	5.0000			5.0000	2	-0.71	1%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	467.50	5.0000			5.0000	2	0.71	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.34725	0.00350	0.39387	0.01637	0.00640	22	-2.85	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.35500	0.01000	0.39387	0.01637	0.00640	22	-2.37	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.37495	0.00110	0.39387	0.01637	0.00640	22	-1.16	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.37905	0.00510	0.39387	0.01637	0.00640	22	-0.91	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.38000	0.00000	0.39387	0.01637	0.00640	22	-0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.38050	0.00500	0.39387	0.01637	0.00640	22	-0.82	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.38500	0.01000	0.39387	0.01637	0.00640	22	-0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.38500	0.01000	0.39387	0.01637	0.00640	22	-0.54	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.38550	0.00100	0.39387	0.01637	0.00640	22	-0.51	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0646	0.39000	0.00000	0.39387	0.01637	0.00640	22	-0.24	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.39500	0.01000	0.39387	0.01637	0.00640	22	0.07	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.39750	0.00100	0.39387	0.01637	0.00640	22	0.22	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.40000	0.02000	0.39387	0.01637	0.00640	22	0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0590	0.40000	0.02000	0.39387	0.01637	0.00640	22	0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0178	0.40250	0.00100	0.39387	0.01637	0.00640	22	0.53	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.40250	0.00500	0.39387	0.01637	0.00640	22	0.53	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.40430	0.00900	0.39387	0.01637	0.00640	22	0.64	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.40600	0.00200	0.39387	0.01637	0.00640	22	0.74	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.40850	0.00300	0.39387	0.01637	0.00640	22	0.89	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.40950	0.00500	0.39387	0.01637	0.00640	22	0.96	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.42500	0.01000	0.39387	0.01637	0.00640	22	1.90	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.43340	0.00920	0.39387	0.01637	0.00640	22	2.42	5%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.40005	0.00310	0.40253	0.00350	0.00437	3	-0.58	49%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.40500	0.01000	0.40253	0.00350	0.00437	3	-0.58	49%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	41.000	0.00000	0.40253	0.00350	0.00437	3	1.15	97%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.40500	0.01000			0.01000	1			0
027.34	Magnesium, AAS, Dry ash (%)	0921	0.39400	0.03600			0.03600	1			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.36000	0.02000	0.40986	0.01666	0.00859	34	-2.99	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.38150	0.00300	0.40986	0.01666	0.00859	34	-1.70	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.39000	0.00000	0.40986	0.01666	0.00859	34	-1.19	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	
027.41	Magnesium, ICP, Dry ash (%)	0049	0.39000	0.00000	0.40986	0.01666	0.00859	34	-1.19	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.39000	0.00000	0.40986	0.01666	0.00859	34	-1.19	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.39200	0.00000	0.40986	0.01666	0.00859	34	-1.07	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0848	0.39550	0.00020	0.40986	0.01666	0.00859	34	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.39600	0.00400	0.40986	0.01666	0.00859	34	-0.83	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.40000	0.00000	0.40986	0.01666	0.00859	34	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.40000	0.02000	0.40986	0.01666	0.00859	34	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.40000	0.00000	0.40986	0.01666	0.00859	34	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.40000	0.02000	0.40986	0.01666	0.00859	34	-0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.40300	0.00200	0.40986	0.01666	0.00859	34	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.40500	0.01000	0.40986	0.01666	0.00859	34	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.40500	0.01000	0.40986	0.01666	0.00859	34	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.40550	0.00300	0.40986	0.01666	0.00859	34	-0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.41000	0.00000	0.40986	0.01666	0.00859	34	0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2089	0.41000	0.00000	0.40986	0.01666	0.00859	34	0.01	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.41105	0.00850	0.40986	0.01666	0.00859	34	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0553	0.41300	0.00600	0.40986	0.01666	0.00859	34	0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.41500	0.01000	0.40986	0.01666	0.00859	34	0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0425	0.41500	0.01000	0.40986	0.01666	0.00859	34	0.31	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.41565	0.00170	0.40986	0.01666	0.00859	34	0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.41985	0.00230	0.40986	0.01666	0.00859	34	0.60	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0682	0.42000	0.00000	0.40986	0.01666	0.00859	34	0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.42050	0.00300	0.40986	0.01666	0.00859	34	0.64	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.42350	0.01900	0.40986	0.01666	0.00859	34	0.82	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0512	0.42635	0.00390	0.40986	0.01666	0.00859	34	0.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.43000	0.02000	0.40986	0.01666	0.00859	34	1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.43000	0.05000	0.40986	0.01666	0.00859	34	1.21	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.43060	0.01780	0.40986	0.01666	0.00859	34	1.24	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.43955	0.00770	0.40986	0.01666	0.00859	34	1.78	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.44000	0.02000	0.40986	0.01666	0.00859	34	1.81	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.47000	0.02000	0.40986	0.01666	0.00859	34	3.61	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	3,779.5	177.00	0.40986	0.01666	0.00859	34	226852.88	461020%	2
027.42	Magnesium, ICP, Open vessel (%)	0555	0.37000	0.04000	0.41378	0.02927	0.01778	19	-1.50	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.37000	0.06000	0.41378	0.02927	0.01778	19	-1.50	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.38770	0.01140	0.41378	0.02927	0.01778	19	-0.89	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.39150	0.04900	0.41378	0.02927	0.01778	19	-0.76	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.39350	0.02300	0.41378	0.02927	0.01778	19	-0.69	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.39500	0.01000	0.41378	0.02927	0.01778	19	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.40000	0.00000	0.41378	0.02927	0.01778	19	-0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.40500	0.01000	0.41378	0.02927	0.01778	19	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.40510	0.00140	0.41378	0.02927	0.01778	19	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.41000	0.02000	0.41378	0.02927	0.01778	19	-0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
027.42	Magnesium, ICP, Open vessel (%)	0692	0.42000	0.02000	0.41378	0.02927	0.01778	19	0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.42810	0.00080	0.41378	0.02927	0.01778	19	0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.43000	0.02000	0.41378	0.02927	0.01778	19	0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.43500	0.01000	0.41378	0.02927	0.01778	19	0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2051	0.43500	0.03000	0.41378	0.02927	0.01778	19	0.73	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.44000	0.00000	0.41378	0.02927	0.01778	19	0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.44000	0.00000	0.41378	0.02927	0.01778	19	0.90	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.45145	0.00230	0.41378	0.02927	0.01778	19	1.29	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.46500	0.03000	0.41378	0.02927	0.01778	19	1.75	6%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.36300	0.01600	0.40269	0.02622	0.00933	20	-1.51	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.37000	0.00000	0.40269	0.02622	0.00933	20	-1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.37900	0.00800	0.40269	0.02622	0.00933	20	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.38100	0.00200	0.40269	0.02622	0.00933	20	-0.83	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.38300	0.01600	0.40269	0.02622	0.00933	20	-0.75	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.38500	0.03000	0.40269	0.02622	0.00933	20	-0.67	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.38550	0.00900	0.40269	0.02622	0.00933	20	-0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0168	0.38725	0.00910	0.40269	0.02622	0.00933	20	-0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.39000	0.00000	0.40269	0.02622	0.00933	20	-0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.40000	0.02000	0.40269	0.02622	0.00933	20	-0.10	0%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.40500	0.01000	0.40269	0.02622	0.00933	20	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.41300	0.00400	0.40269	0.02622	0.00933	20	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.41550	0.00300	0.40269	0.02622	0.00933	20	0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0037	0.42000	0.00000	0.40269	0.02622	0.00933	20	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.42145	0.01410	0.40269	0.02622	0.00933	20	0.72	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.42500	0.01000	0.40269	0.02622	0.00933	20	0.85	3%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.42570	0.01680	0.40269	0.02622	0.00933	20	0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	0644	0.43040	0.00380	0.40269	0.02622	0.00933	20	1.06	3%	0
027.43	Magnesium, ICP, Microwave (%)	0036	0.43160	0.00180	0.40269	0.02622	0.00933	20	1.10	4%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.45650	0.01300	0.40269	0.02622	0.00933	20	2.05	7%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.38550	0.00300	0.39183	0.00651	0.01433	3	-0.97	1%	0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.39150	0.03100	0.39183	0.00651	0.01433	3	-0.05	0%	0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.39850	0.00900	0.39183	0.00651	0.01433	3	1.02	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0016	0.39550	0.01300	0.41398	0.01611	0.01330	3	-1.15	2%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.42145	0.01690	0.41398	0.01611	0.01330	3	0.46	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.42500	0.01000	0.41398	0.01611	0.01330	3	0.68	1%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0413	0.40795	0.00110			0.00110	1			0
027.99	Magnesium, Miscellaneous (%)	0889	0.23000	0.00000	0.31500	0.12021	0.00333	3	-1.14	18%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.40000	0.00000	0.31500	0.12021	0.00333	3	0.41	6%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.43500	0.01000	0.31500	0.12021	0.00333	3	0.73	11%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0178	175.45	0.10000	191.27	9.2982	2.8289	18	-1.70	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0590	181.00	0.00000	191.27	9.2982	2.8289	18	-1.10	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	181.79	7.3200	191.27	9.2982	2.8289	18	-1.02	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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	182.57	1.7100	191.27	9.2982	2.8289	18	-0.94	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	185.65	0.90000	191.27	9.2982	2.8289	18	-0.60	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0646	185.75	1.5000	191.27	9.2982	2.8289	18	-0.59	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	186.00	2.0000	191.27	9.2982	2.8289	18	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	187.15	0.00000	191.27	9.2982	2.8289	18	-0.44	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	191.03	0.95980	191.27	9.2982	2.8289	18	-0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	191.55	8.7000	191.27	9.2982	2.8289	18	0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	193.17	5.1800	191.27	9.2982	2.8289	18	0.20	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	195.00	6.0000	191.27	9.2982	2.8289	18	0.40	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	195.06	0.18000	191.27	9.2982	2.8289	18	0.41	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	196.65	0.10000	191.27	9.2982	2.8289	18	0.58	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	200.50	3.0000	191.27	9.2982	2.8289	18	0.99	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	205.00	6.0000	191.27	9.2982	2.8289	18	1.48	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	206.50	1.0000	191.27	9.2982	2.8289	18	1.64	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	216.99	6.2700	191.27	9.2982	2.8289	18	2.77	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	202.50	21.000	191.27	9.2982	2.8289	18	1.21	3%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	175.00	0.00000	191.35	11.779	0.53750	4	-1.39	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0263	190.79	1.1500	191.35	11.779	0.53750	4	-0.05	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	198.10	0.00000	191.35	11.779	0.53750	4	0.57	2%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	201.50	1.0000	191.35	11.779	0.53750	4	0.86	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0848	150.68	0.14000	188.01	9.0259	5.7982	34	-4.14	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	165.05	6.7100	188.01	9.0259	5.7982	34	-2.54	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	174.50	5.0000	188.01	9.0259	5.7982	34	-1.50	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	176.00	12.000	188.01	9.0259	5.7982	34	-1.33	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	177.00	8.0000	188.01	9.0259	5.7982	34	-1.22	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	177.12	3.9900	188.01	9.0259	5.7982	34	-1.21	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	177.96	5.2600	188.01	9.0259	5.7982	34	-1.11	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	179.50	22.200	188.01	9.0259	5.7982	34	-0.94	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	184.00	2.0000	188.01	9.0259	5.7982	34	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	184.50	1.0000	188.01	9.0259	5.7982	34	-0.39	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	184.65	0.25000	188.01	9.0259	5.7982	34	-0.37	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	184.89	0.97000	188.01	9.0259	5.7982	34	-0.35	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	185.00	4.0000	188.01	9.0259	5.7982	34	-0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	186.42	6.3790	188.01	9.0259	5.7982	34	-0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	186.62	0.06000	188.01	9.0259	5.7982	34	-0.15	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	187.70	0.80000	188.01	9.0259	5.7982	34	-0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	188.00	4.0000	188.01	9.0259	5.7982	34	0.00	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	188.50	11.000	188.01	9.0259	5.7982	34	0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0682	188.60	0.00000	188.01	9.0259	5.7982	34	0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	189.50	1.0000	188.01	9.0259	5.7982	34	0.16	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	189.61	8.0200	188.01	9.0259	5.7982	34	0.18	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	190.40	5.2000	188.01	9.0259	5.7982	34	0.26	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	190.41	14.450	188.01	9.0259	5.7982	34	0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	191.00	2.0000	188.01	9.0259	5.7982	34	0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	193.05	22.900	188.01	9.0259	5.7982	34	0.56	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	194.50	5.0000	188.01	9.0259	5.7982	34	0.72	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0425	195.75	0.10000	188.01	9.0259	5.7982	34	0.86	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0512	196.80	2.6000	188.01	9.0259	5.7982	34	0.97	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2089	197.27	2.5100	188.01	9.0259	5.7982	34	1.02	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	199.00	18.000	188.01	9.0259	5.7982	34	1.22	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	199.25	1.5000	188.01	9.0259	5.7982	34	1.24	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	201.20	17.100	188.01	9.0259	5.7982	34	1.46	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0553	202.50	1.0000	188.01	9.0259	5.7982	34	1.60	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	277.00	2.0000	188.01	9.0259	5.7982	34	9.86	24%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	175.85	42.300	199.18	15.171	10.261	19	-1.54	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	176.30	2.4000	199.18	15.171	10.261	19	-1.51	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	179.00	4.0000	199.18	15.171	10.261	19	-1.33	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	188.00	18.000	199.18	15.171	10.261	19	-0.74	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	189.50	3.0000	199.18	15.171	10.261	19	-0.64	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	190.00	20.000	199.18	15.171	10.261	19	-0.61	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	195.97	0.73000	199.18	15.171	10.261	19	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	196.50	1.0000	199.18	15.171	10.261	19	-0.18	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	198.01	0.02000	199.18	15.171	10.261	19	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	199.40	0.40000	199.18	15.171	10.261	19	0.01	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	199.50	7.0000	199.18	15.171	10.261	19	0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	203.00	8.0000	199.18	15.171	10.261	19	0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	203.00	12.000	199.18	15.171	10.261	19	0.25	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2051	205.00	10.000	199.18	15.171	10.261	19	0.38	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	208.81	18.020	199.18	15.171	10.261	19	0.63	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	210.86	6.0900	199.18	15.171	10.261	19	0.77	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	221.00	34.000	199.18	15.171	10.261	19	1.44	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	224.00	2.0000	199.18	15.171	10.261	19	1.64	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0160	228.00	6.0000	199.18	15.171	10.261	19	1.90	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	176.50	3.0000	191.92	5.7848	5.8910	20	-2.67	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0037	179.55	1.7000	191.92	5.7848	5.8910	20	-2.14	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	181.97	7.4500	191.92	5.7848	5.8910	20	-1.72	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	182.45	8.3000	191.92	5.7848	5.8910	20	-1.64	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	184.00	4.0000	191.92	5.7848	5.8910	20	-1.37	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	186.50	21.000	191.92	5.7848	5.8910	20	-0.94	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	187.50	3.0000	191.92	5.7848	5.8910	20	-0.76	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	190.00	0.00000	191.92	5.7848	5.8910	20	-0.33	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0168	190.95	10.700	191.92	5.7848	5.8910	20	-0.17	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	192.50	5.0000	191.92	5.7848	5.8910	20	0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	194.00	2.0000	191.92	5.7848	5.8910	20	0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	194.50	7.0000	191.92	5.7848	5.8910	20	0.45	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	194.50	1.0000	191.92	5.7848	5.8910	20	0.45	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	194.75	8.9600	191.92	5.7848	5.8910	20	0.49	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	195.12	10.110	191.92	5.7848	5.8910	20	0.55	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	195.65	3.3000	191.92	5.7848	5.8910	20	0.64	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0644	196.26	5.9780	191.92	5.7848	5.8910	20	0.75	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0508	196.84	0.32000	191.92	5.7848	5.8910	20	0.85	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	201.00	14.000	191.92	5.7848	5.8910	20	1.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	218.70	1.0010	191.92	5.7848	5.8910	20	4.63	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	188.50	1.0000			1.5000	2	-0.71	2%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	203.00	2.0000			1.5000	2	0.71	2%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0016	195.50	3.0000	206.48	9.5119	8.7000	3	-1.15	3%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	211.95	7.1000	206.48	9.5119	8.7000	3	0.57	1%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	212.00	16.000	206.48	9.5119	8.7000	3	0.58	1%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	178.10	10.600	190.45	10.697	8.3567	3	-1.15	3%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0413	196.26	8.3400	190.45	10.697	8.3567	3	0.54	2%	0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	196.98	6.1300	190.45	10.697	8.3567	3	0.61	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	193.50	9.0000			7.5000	2	-0.71	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	207.00	6.0000			7.5000	2	0.71	2%	0
031.00	Phosphorus, Vol (%)	0893	1.1650	0.01000			0.01000	2	-0.71	1%	0
031.00	Phosphorus, Vol (%)	0895	1.1950	0.01000			0.01000	2	0.71	1%	0
031.01	Phosphorus, Photometric (%)	0609	0.88000	0.00000	1.1794	0.02854	0.01658	54	-10.49	13%	0
031.01	Phosphorus, Photometric (%)	0921	0.91700	0.08000	1.1794	0.02854	0.01658	54	-9.19	11%	0
031.01	Phosphorus, Photometric (%)	0108	0.98000	0.06000	1.1794	0.02854	0.01658	54	-6.99	8%	0
031.01	Phosphorus, Photometric (%)	2091	1.0950	0.03000	1.1794	0.02854	0.01658	54	-2.96	4%	0
031.01	Phosphorus, Photometric (%)	0874	1.1051	0.01080	1.1794	0.02854	0.01658	54	-2.60	3%	0
031.01	Phosphorus, Photometric (%)	0722	1.1350	0.01000	1.1794	0.02854	0.01658	54	-1.56	2%	0
031.01	Phosphorus, Photometric (%)	0687	1.1350	0.07000	1.1794	0.02854	0.01658	54	-1.56	2%	0
031.01	Phosphorus, Photometric (%)	0656	1.1400	0.02000	1.1794	0.02854	0.01658	54	-1.38	2%	0
031.01	Phosphorus, Photometric (%)	0208	1.1510	0.00800	1.1794	0.02854	0.01658	54	-1.00	1%	0
031.01	Phosphorus, Photometric (%)	0646	1.1550	0.01000	1.1794	0.02854	0.01658	54	-0.85	1%	0
031.01	Phosphorus, Photometric (%)	0233	1.1600	0.00000	1.1794	0.02854	0.01658	54	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	2086	1.1600	0.00000	1.1794	0.02854	0.01658	54	-0.68	1%	0
031.01	Phosphorus, Photometric (%)	0263	1.1633	0.01030	1.1794	0.02854	0.01658	54	-0.57	1%	0
031.01	Phosphorus, Photometric (%)	0016	1.1650	0.03000	1.1794	0.02854	0.01658	54	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0194	1.1650	0.01000	1.1794	0.02854	0.01658	54	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0683	1.1650	0.01000	1.1794	0.02854	0.01658	54	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.1680	0.00880	1.1794	0.02854	0.01658	54	-0.40	0%	0
031.01	Phosphorus, Photometric (%)	0038	1.1700	0.02000	1.1794	0.02854	0.01658	54	-0.33	0%	0
031.01	Phosphorus, Photometric (%)	0142	1.1700	0.00000	1.1794	0.02854	0.01658	54	-0.33	0%	0
031.01	Phosphorus, Photometric (%)	0629	1.1700	0.00000	1.1794	0.02854	0.01658	54	-0.33	0%	0
031.01	Phosphorus, Photometric (%)	0868	1.1700	0.00000	1.1794	0.02854	0.01658	54	-0.33	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	
031.01	Phosphorus, Photometric (%)	0178	1.1750	0.03800	1.1794	0.02854	0.01658	54	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0354	1.1750	0.01000	1.1794	0.02854	0.01658	54	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0626	1.1750	0.00600	1.1794	0.02854	0.01658	54	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0897	1.1750	0.01000	1.1794	0.02854	0.01658	54	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0948	1.1750	0.01000	1.1794	0.02854	0.01658	54	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.1760	0.00600	1.1794	0.02854	0.01658	54	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0723	1.1783	0.00000	1.1794	0.02854	0.01658	54	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	2006	1.1785	0.01900	1.1794	0.02854	0.01658	54	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	0849	1.1790	0.00200	1.1794	0.02854	0.01658	54	-0.01	0%	0
031.01	Phosphorus, Photometric (%)	0728	1.1800	0.04000	1.1794	0.02854	0.01658	54	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0939	1.1800	0.04000	1.1794	0.02854	0.01658	54	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0620	1.1853	0.00170	1.1794	0.02854	0.01658	54	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0175	1.1950	0.01000	1.1794	0.02854	0.01658	54	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0552	1.1950	0.07000	1.1794	0.02854	0.01658	54	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0891	1.1950	0.03000	1.1794	0.02854	0.01658	54	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0896	1.1950	0.01000	1.1794	0.02854	0.01658	54	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0937	1.1950	0.03000	1.1794	0.02854	0.01658	54	0.55	1%	0
031.01	Phosphorus, Photometric (%)	0152	1.2000	0.00000	1.1794	0.02854	0.01658	54	0.72	1%	0
031.01	Phosphorus, Photometric (%)	0885	1.2000	0.00000	1.1794	0.02854	0.01658	54	0.72	1%	0
031.01	Phosphorus, Photometric (%)	2022	1.2000	0.00000	1.1794	0.02854	0.01658	54	0.72	1%	0
031.01	Phosphorus, Photometric (%)	0622	1.2006	0.01740	1.1794	0.02854	0.01658	54	0.74	1%	0
031.01	Phosphorus, Photometric (%)	0900	1.2050	0.01000	1.1794	0.02854	0.01658	54	0.90	1%	0
031.01	Phosphorus, Photometric (%)	0903	1.2050	0.01000	1.1794	0.02854	0.01658	54	0.90	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.2081	0.01720	1.1794	0.02854	0.01658	54	1.01	1%	0
031.01	Phosphorus, Photometric (%)	0511	1.2100	0.02000	1.1794	0.02854	0.01658	54	1.07	1%	0
031.01	Phosphorus, Photometric (%)	0674	1.2100	0.00000	1.1794	0.02854	0.01658	54	1.07	1%	0
031.01	Phosphorus, Photometric (%)	2097	1.2100	0.02000	1.1794	0.02854	0.01658	54	1.07	1%	0
031.01	Phosphorus, Photometric (%)	0689	1.2150	0.01000	1.1794	0.02854	0.01658	54	1.25	2%	0
031.01	Phosphorus, Photometric (%)	0934	1.2150	0.01000	1.1794	0.02854	0.01658	54	1.25	2%	0
031.01	Phosphorus, Photometric (%)	2011	1.2200	0.02000	1.1794	0.02854	0.01658	54	1.42	2%	0
031.01	Phosphorus, Photometric (%)	0650	1.2250	0.01000	1.1794	0.02854	0.01658	54	1.60	2%	0
031.01	Phosphorus, Photometric (%)	0940	1.2450	0.01000	1.1794	0.02854	0.01658	54	2.30	3%	0
031.01	Phosphorus, Photometric (%)	0066	1.2800	0.02000	1.1794	0.02854	0.01658	54	3.52	4%	0
031.01	Phosphorus, Photometric (%)	0596	1.2400	0.10000	1.1794	0.02854	0.01658	54	2.12	3%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	1.1600	0.00000	1.1800	0.02828	0.00107	3	-1.08	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0011	1.1857	0.00320	1.1800	0.02828	0.00107	3	0.19	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.2000	0.00000	1.1800	0.02828	0.00107	3	0.89	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.1540	0.03400	1.2038	0.01862	0.01120	4	-1.28	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	1.1900	0.00000	1.2038	0.01862	0.01120	4	-0.05	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	1.1965	0.00080	1.2038	0.01862	0.01120	4	0.18	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	1.2250	0.01000	1.2038	0.01862	0.01120	4	1.15	1%	0
031.06	Phosphorus, Hach Method (%)	0138	1.1090	0.00400			0.05200	2	-0.71	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.06	Phosphorus, Hach Method (%)	0536	1.3600	0.10000			0.05200	2	0.71	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.0515	0.02100	1.1825	0.05181	0.02014	38	-2.53	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	1.0800	0.00000	1.1825	0.05181	0.02014	38	-1.98	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	1.0850	0.01000	1.1825	0.05181	0.02014	38	-1.88	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.0900	0.00000	1.1825	0.05181	0.02014	38	-1.79	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.1000	0.02000	1.1825	0.05181	0.02014	38	-1.59	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.1300	0.02000	1.1825	0.05181	0.02014	38	-1.01	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.1350	0.05000	1.1825	0.05181	0.02014	38	-0.92	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	1.1400	0.02000	1.1825	0.05181	0.02014	38	-0.82	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.1450	0.01000	1.1825	0.05181	0.02014	38	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.1475	0.00100	1.1825	0.05181	0.02014	38	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.1550	0.01000	1.1825	0.05181	0.02014	38	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	1.1650	0.01000	1.1825	0.05181	0.02014	38	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0425	1.1650	0.01000	1.1825	0.05181	0.02014	38	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	1.1670	0.01400	1.1825	0.05181	0.02014	38	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.1700	0.00000	1.1825	0.05181	0.02014	38	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	1.1800	0.00000	1.1825	0.05181	0.02014	38	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.1800	0.02000	1.1825	0.05181	0.02014	38	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.1800	0.02000	1.1825	0.05181	0.02014	38	-0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.1850	0.03000	1.1825	0.05181	0.02014	38	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0553	1.1850	0.01000	1.1825	0.05181	0.02014	38	0.05	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	1.1860	0.02000	1.1825	0.05181	0.02014	38	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.1900	0.02000	1.1825	0.05181	0.02014	38	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	1.1900	0.02000	1.1825	0.05181	0.02014	38	0.14	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2089	1.1950	0.03000	1.1825	0.05181	0.02014	38	0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	1.2020	0.03200	1.1825	0.05181	0.02014	38	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	1.2029	0.03400	1.1825	0.05181	0.02014	38	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.2032	0.04490	1.1825	0.05181	0.02014	38	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	1.2065	0.07100	1.1825	0.05181	0.02014	38	0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.2200	0.02000	1.1825	0.05181	0.02014	38	0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0682	1.2200	0.00000	1.1825	0.05181	0.02014	38	0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	1.2228	0.01510	1.1825	0.05181	0.02014	38	0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	1.2244	0.05430	1.1825	0.05181	0.02014	38	0.81	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.2305	0.00500	1.1825	0.05181	0.02014	38	0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0512	1.2360	0.02600	1.1825	0.05181	0.02014	38	1.03	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	1.2650	0.01000	1.1825	0.05181	0.02014	38	1.59	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	1.2850	0.05000	1.1825	0.05181	0.02014	38	1.98	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.3065	0.00700	1.1825	0.05181	0.02014	38	2.39	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.4350	0.03000	1.1825	0.05181	0.02014	38	4.87	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.1750	0.09000	1.1825	0.05181	0.02014	38	-0.14	0%	1
031.42	Phosphorus, ICP, Open vessel (%)	0613	1.0350	0.19000	1.1664	0.09028	0.04981	22	-1.46	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	1.0350	0.13000	1.1664	0.09028	0.04981	22	-1.46	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.0600	0.06600	1.1664	0.09028	0.04981	22	-1.18	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	1.0850	0.01000	1.1664	0.09028	0.04981	22	-0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.0900	0.06000	1.1664	0.09028	0.04981	22	-0.85	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.1000	0.02000	1.1664	0.09028	0.04981	22	-0.74	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.1250	0.03000	1.1664	0.09028	0.04981	22	-0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	1.1400	0.00000	1.1664	0.09028	0.04981	22	-0.29	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.1450	0.01000	1.1664	0.09028	0.04981	22	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.1600	0.02000	1.1664	0.09028	0.04981	22	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.1600	0.00000	1.1664	0.09028	0.04981	22	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	1.1700	0.00000	1.1664	0.09028	0.04981	22	0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.1700	0.02000	1.1664	0.09028	0.04981	22	0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.1800	0.02000	1.1664	0.09028	0.04981	22	0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	1.2004	0.00080	1.1664	0.09028	0.04981	22	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.2100	0.04000	1.1664	0.09028	0.04981	22	0.48	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	1.2300	0.06000	1.1664	0.09028	0.04981	22	0.70	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.2400	0.06000	1.1664	0.09028	0.04981	22	0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.2545	0.00900	1.1664	0.09028	0.04981	22	0.98	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.2700	0.08000	1.1664	0.09028	0.04981	22	1.15	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2051	1.3000	0.20000	1.1664	0.09028	0.04981	22	1.48	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	1.3350	0.07000	1.1664	0.09028	0.04981	22	1.87	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0644	1.0204	0.03250	1.1695	0.05302	0.02667	21	-2.81	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.0600	0.02000	1.1695	0.05302	0.02667	21	-2.07	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.0850	0.03000	1.1695	0.05302	0.02667	21	-1.59	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.1055	0.00100	1.1695	0.05302	0.02667	21	-1.21	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.1120	0.00600	1.1695	0.05302	0.02667	21	-1.08	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.1350	0.03000	1.1695	0.05302	0.02667	21	-0.65	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.1450	0.03000	1.1695	0.05302	0.02667	21	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.1500	0.04000	1.1695	0.05302	0.02667	21	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.1550	0.09000	1.1695	0.05302	0.02667	21	-0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.1700	0.04000	1.1695	0.05302	0.02667	21	0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.1750	0.01000	1.1695	0.05302	0.02667	21	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.1750	0.01000	1.1695	0.05302	0.02667	21	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.1800	0.00000	1.1695	0.05302	0.02667	21	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	1.1900	0.02000	1.1695	0.05302	0.02667	21	0.39	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	1.1928	0.04330	1.1695	0.05302	0.02667	21	0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.2013	0.02990	1.1695	0.05302	0.02667	21	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0168	1.2060	0.03800	1.1695	0.05302	0.02667	21	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.2290	0.01400	1.1695	0.05302	0.02667	21	1.12	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0037	1.2350	0.01000	1.1695	0.05302	0.02667	21	1.23	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.2415	0.00700	1.1695	0.05302	0.02667	21	1.36	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.2433	0.05830	1.1695	0.05302	0.02667	21	1.39	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2023	1.0900	0.02000	1.1283	0.03547	0.01667	3	-1.08	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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031.44	Phosphorus, ICP, Dry ash (%)	0955	1.1350	0.03000	1.1283	0.03547	0.01667	3	0.19	0%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	1.1600	0.00000	1.1283	0.03547	0.01667	3	0.89	1%	0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.2343	0.04790			0.04790	1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	1.2800	0.02000			0.03000	2	-0.71	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0413	1.3050	0.04000			0.03000	2	0.71	0%	0
031.99	Phosphorus, Miscellaneous (%)	0590	0.86000	0.04000	1.0474	0.11933	0.02167	6	-1.57	9%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.91000	0.04000	1.0474	0.11933	0.02167	6	-1.15	7%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.0650	0.03000	1.0474	0.11933	0.02167	6	0.15	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	1.0850	0.01000	1.0474	0.11933	0.02167	6	0.31	2%	0
031.99	Phosphorus, Miscellaneous (%)	0676	1.0900	0.00000	1.0474	0.11933	0.02167	6	0.36	2%	0
031.99	Phosphorus, Miscellaneous (%)	0100	1.1950	0.01000	1.0474	0.11933	0.02167	6	1.24	7%	0
032.02	Potassium, Flame Emission (%)	0066	1.3620	0.05400	1.3757	0.01210	0.09467	3	-1.13	0%	0
032.02	Potassium, Flame Emission (%)	0504	1.3800	0.04000	1.3757	0.01210	0.09467	3	0.36	0%	0
032.02	Potassium, Flame Emission (%)	0590	1.3850	0.19000	1.3757	0.01210	0.09467	3	0.77	0%	0
032.08	Potassium, Ion-selective electrode (%)	2006	1.5335	0.00100			0.00100	1			0
032.31	Potassium, AAS, Dry ash (%)	0921	1.0100	0.00000	1.3289	0.07962	0.02521	23	-4.00	12%	0
032.31	Potassium, AAS, Dry ash (%)	0646	1.0450	0.03000	1.3289	0.07962	0.02521	23	-3.57	11%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.2259	0.00830	1.3289	0.07962	0.02521	23	-1.29	4%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.2550	0.01000	1.3289	0.07962	0.02521	23	-0.93	3%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.2650	0.07000	1.3289	0.07962	0.02521	23	-0.80	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.2715	0.00140	1.3289	0.07962	0.02521	23	-0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.2800	0.04000	1.3289	0.07962	0.02521	23	-0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.2950	0.01000	1.3289	0.07962	0.02521	23	-0.43	1%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.2990	0.03600	1.3289	0.07962	0.02521	23	-0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.3250	0.01000	1.3289	0.07962	0.02521	23	-0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.3250	0.03000	1.3289	0.07962	0.02521	23	-0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0178	1.3320	0.01400	1.3289	0.07962	0.02521	23	0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0596	1.3400	0.04000	1.3289	0.07962	0.02521	23	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.3400	0.04000	1.3289	0.07962	0.02521	23	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0689	1.3450	0.03000	1.3289	0.07962	0.02521	23	0.20	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.3600	0.00000	1.3289	0.07962	0.02521	23	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3600	0.02000	1.3289	0.07962	0.02521	23	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.3850	0.01000	1.3289	0.07962	0.02521	23	0.71	2%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.4022	0.02010	1.3289	0.07962	0.02521	23	0.92	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.4200	0.06000	1.3289	0.07962	0.02521	23	1.14	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.4300	0.06000	1.3289	0.07962	0.02521	23	1.27	4%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.4400	0.02000	1.3289	0.07962	0.02521	23	1.40	4%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.4400	0.02000	1.3289	0.07962	0.02521	23	1.40	4%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.0300	0.00000	1.2379	0.19576	0.00927	3	-1.06	8%	0
032.32	Potassium, AAS, Open vessel (%)	0609	1.2650	0.01000	1.2379	0.19576	0.00927	3	0.14	1%	0
032.32	Potassium, AAS, Open vessel (%)	0263	1.4187	0.01780	1.2379	0.19576	0.00927	3	0.92	7%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.1750	0.01000	1.3440	0.06798	0.02427	35	-2.49	6%	0

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032.41	Potassium, ICP, Dry ash (%)	0003	1.1850	0.01000	1.3440	0.06798	0.02427	35	-2.34	6%	0
032.41	Potassium, ICP, Dry ash (%)	0720	1.2150	0.07000	1.3440	0.06798	0.02427	35	-1.90	5%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.2450	0.03000	1.3440	0.06798	0.02427	35	-1.46	4%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.2600	0.02000	1.3440	0.06798	0.02427	35	-1.24	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.2800	0.02000	1.3440	0.06798	0.02427	35	-0.94	2%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.2900	0.02000	1.3440	0.06798	0.02427	35	-0.79	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.3055	0.00900	1.3440	0.06798	0.02427	35	-0.57	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.3100	0.02000	1.3440	0.06798	0.02427	35	-0.50	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.3100	0.02000	1.3440	0.06798	0.02427	35	-0.50	1%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.3200	0.08000	1.3440	0.06798	0.02427	35	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3250	0.07000	1.3440	0.06798	0.02427	35	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.3250	0.03000	1.3440	0.06798	0.02427	35	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0553	1.3250	0.01000	1.3440	0.06798	0.02427	35	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0964	1.3266	0.02030	1.3440	0.06798	0.02427	35	-0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.3339	0.00420	1.3440	0.06798	0.02427	35	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.3350	0.03000	1.3440	0.06798	0.02427	35	-0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.3370	0.01000	1.3440	0.06798	0.02427	35	-0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3445	0.00700	1.3440	0.06798	0.02427	35	0.01	0%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.3450	0.03000	1.3440	0.06798	0.02427	35	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.3450	0.05000	1.3440	0.06798	0.02427	35	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.3500	0.02000	1.3440	0.06798	0.02427	35	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0682	1.3600	0.00000	1.3440	0.06798	0.02427	35	0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0695	1.3680	0.04800	1.3440	0.06798	0.02427	35	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.3805	0.00500	1.3440	0.06798	0.02427	35	0.54	1%	0
032.41	Potassium, ICP, Dry ash (%)	0512	1.3940	0.01000	1.3440	0.06798	0.02427	35	0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.3950	0.01000	1.3440	0.06798	0.02427	35	0.75	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.4000	0.06000	1.3440	0.06798	0.02427	35	0.82	2%	0
032.41	Potassium, ICP, Dry ash (%)	0425	1.4200	0.02000	1.3440	0.06798	0.02427	35	1.12	3%	0
032.41	Potassium, ICP, Dry ash (%)	0051	1.4256	0.05090	1.3440	0.06798	0.02427	35	1.20	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.4274	0.01200	1.3440	0.06798	0.02427	35	1.23	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.4300	0.02000	1.3440	0.06798	0.02427	35	1.27	3%	0
032.41	Potassium, ICP, Dry ash (%)	0848	1.4321	0.00020	1.3440	0.06798	0.02427	35	1.30	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.5105	0.01300	1.3440	0.06798	0.02427	35	2.45	6%	0
032.41	Potassium, ICP, Dry ash (%)	2089	1.5850	0.01000	1.3440	0.06798	0.02427	35	3.55	9%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.4650	0.11000	1.3440	0.06798	0.02427	35	1.78	5%	1
032.42	Potassium, ICP, Open vessel (%)	2051	1.2500	0.10000	1.3787	0.08226	0.05309	19	-1.56	5%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.2600	0.24000	1.3787	0.08226	0.05309	19	-1.44	4%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3100	0.02000	1.3787	0.08226	0.05309	19	-0.84	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.3200	0.04000	1.3787	0.08226	0.05309	19	-0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.3250	0.03000	1.3787	0.08226	0.05309	19	-0.65	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.3290	0.05400	1.3787	0.08226	0.05309	19	-0.60	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.3300	0.00000	1.3787	0.08226	0.05309	19	-0.59	2%	0

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032.42	Potassium, ICP, Open vessel (%)	0555	1.3500	0.10000	1.3787	0.08226	0.05309	19	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.3600	0.06000	1.3787	0.08226	0.05309	19	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.3700	0.10000	1.3787	0.08226	0.05309	19	-0.11	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.3750	0.01000	1.3787	0.08226	0.05309	19	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.3944	0.02380	1.3787	0.08226	0.05309	19	0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.4150	0.07000	1.3787	0.08226	0.05309	19	0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.4405	0.00100	1.3787	0.08226	0.05309	19	0.75	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.4550	0.11000	1.3787	0.08226	0.05309	19	0.93	3%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.4600	0.02000	1.3787	0.08226	0.05309	19	0.99	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.4800	0.02000	1.3787	0.08226	0.05309	19	1.23	4%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.4900	0.00000	1.3787	0.08226	0.05309	19	1.35	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.4950	0.01000	1.3787	0.08226	0.05309	19	1.41	4%	0
032.42	Potassium, ICP, Open vessel (%)	0613	56.055	109.49	1.3787	0.08226	0.05309	19	664.65	1983%	2
032.43	Potassium, ICP, Microwave (%)	0968	1.2830	0.02600	1.3424	0.04549	0.02567	21	-1.31	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.2850	0.01000	1.3424	0.04549	0.02567	21	-1.26	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.2900	0.04000	1.3424	0.04549	0.02567	21	-1.15	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.2900	0.00000	1.3424	0.04549	0.02567	21	-1.15	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.3040	0.02000	1.3424	0.04549	0.02567	21	-0.84	1%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.3129	0.04220	1.3424	0.04549	0.02567	21	-0.65	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.3200	0.02000	1.3424	0.04549	0.02567	21	-0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.3200	0.02000	1.3424	0.04549	0.02567	21	-0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.3346	0.01830	1.3424	0.04549	0.02567	21	-0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.3400	0.02000	1.3424	0.04549	0.02567	21	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.3400	0.04000	1.3424	0.04549	0.02567	21	-0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.3450	0.01000	1.3424	0.04549	0.02567	21	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.3550	0.03000	1.3424	0.04549	0.02567	21	0.28	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3550	0.01000	1.3424	0.04549	0.02567	21	0.28	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.3650	0.05000	1.3424	0.04549	0.02567	21	0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	0037	1.3750	0.01000	1.3424	0.04549	0.02567	21	0.72	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.3845	0.05680	1.3424	0.04549	0.02567	21	0.92	2%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.3850	0.05000	1.3424	0.04549	0.02567	21	0.94	2%	0
032.43	Potassium, ICP, Microwave (%)	0168	1.3920	0.01000	1.3424	0.04549	0.02567	21	1.09	2%	0
032.43	Potassium, ICP, Microwave (%)	0644	1.4044	0.03580	1.3424	0.04549	0.02567	21	1.36	2%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.5010	0.02000	1.3424	0.04549	0.02567	21	3.49	6%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.5450	0.23000	1.3424	0.04549	0.02567	21	4.45	8%	1
032.44	Potassium, ICP, Dry ash (%)	0955	1.2400	0.00000			0.02000	2	-0.71	1%	0
032.44	Potassium, ICP, Dry ash (%)	2023	1.2800	0.04000			0.02000	2	0.71	1%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0016	1.3950	0.05000			0.03660	2	-0.71	0%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.4025	0.02320			0.03660	2	0.71	0%	0
032.53	Potassium, ICP-MS, Microwave (%)	0413	1.4115	0.00300			0.00650	2	-0.71	0%	0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.4350	0.01000			0.00650	2	0.71	0%	0
032.99	Potassium, Miscellaneous (%)	0889	1.0400	0.00000	1.2724	0.16007	0.01225	4	-1.45	9%	0

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032.99	Potassium, Miscellaneous (%)	0100	1.3100	0.02000	1.2724	0.16007	0.01225	4	0.24	1%	0
032.99	Potassium, Miscellaneous (%)	0001	1.3345	0.01900	1.2724	0.16007	0.01225	4	0.39	2%	0
032.99	Potassium, Miscellaneous (%)	0242	1.4050	0.01000	1.2724	0.16007	0.01225	4	0.83	5%	0
033.00	Salt as chloride, Sol Cl (%)	2012	0.81500	0.01000	0.99260	0.06207	0.02159	28	-2.86	9%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.87000	0.02000	0.99260	0.06207	0.02159	28	-1.98	6%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.88000	0.02000	0.99260	0.06207	0.02159	28	-1.81	6%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.93000	0.02000	0.99260	0.06207	0.02159	28	-1.01	3%	0
033.00	Salt as chloride, Sol Cl (%)	2086	0.93000	0.02000	0.99260	0.06207	0.02159	28	-1.01	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.95000	0.08000	0.99260	0.06207	0.02159	28	-0.69	2%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.95500	0.01000	0.99260	0.06207	0.02159	28	-0.61	2%	0
033.00	Salt as chloride, Sol Cl (%)	0891	0.95750	0.01100	0.99260	0.06207	0.02159	28	-0.57	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.95800	0.00000	0.99260	0.06207	0.02159	28	-0.56	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.96500	0.01800	0.99260	0.06207	0.02159	28	-0.44	1%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.97000	0.02000	0.99260	0.06207	0.02159	28	-0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0900	0.97500	0.01000	0.99260	0.06207	0.02159	28	-0.28	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.98000	0.02000	0.99260	0.06207	0.02159	28	-0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.99000	0.00000	0.99260	0.06207	0.02159	28	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.99000	0.02000	0.99260	0.06207	0.02159	28	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0934	0.99000	0.02000	0.99260	0.06207	0.02159	28	-0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.0050	0.05000	0.99260	0.06207	0.02159	28	0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0893	1.0150	0.01000	0.99260	0.06207	0.02159	28	0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.0203	0.00450	0.99260	0.06207	0.02159	28	0.45	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.0300	0.02000	0.99260	0.06207	0.02159	28	0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.0450	0.01000	0.99260	0.06207	0.02159	28	0.84	3%	0
033.00	Salt as chloride, Sol Cl (%)	2091	1.0450	0.01000	0.99260	0.06207	0.02159	28	0.84	3%	0
033.00	Salt as chloride, Sol Cl (%)	0683	1.0500	0.04000	0.99260	0.06207	0.02159	28	0.92	3%	0
033.00	Salt as chloride, Sol Cl (%)	2006	1.0510	0.02200	0.99260	0.06207	0.02159	28	0.94	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.0600	0.02000	0.99260	0.06207	0.02159	28	1.09	3%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.0700	0.10000	0.99260	0.06207	0.02159	28	1.25	4%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.0950	0.01000	0.99260	0.06207	0.02159	28	1.65	5%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.1871	0.00900	0.99260	0.06207	0.02159	28	3.13	10%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.0650	0.11000	0.99260	0.06207	0.02159	28	1.17	4%	1
033.01	Salt as chloride, Poten Cl (%)	2006	0.88300	0.04200	1.0552	0.01983	0.00786	36	-8.69	8%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.98000	0.00000	1.0552	0.01983	0.00786	36	-3.79	4%	0
033.01	Salt as chloride, Poten Cl (%)	0937	0.99000	0.02000	1.0552	0.01983	0.00786	36	-3.29	3%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.0100	0.00000	1.0552	0.01983	0.00786	36	-2.28	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.0200	0.00000	1.0552	0.01983	0.00786	36	-1.78	2%	0
033.01	Salt as chloride, Poten Cl (%)	0194	1.0250	0.01000	1.0552	0.01983	0.00786	36	-1.52	1%	0
033.01	Salt as chloride, Poten Cl (%)	2011	1.0350	0.01000	1.0552	0.01983	0.00786	36	-1.02	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.0400	0.00000	1.0552	0.01983	0.00786	36	-0.77	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.0400	0.00000	1.0552	0.01983	0.00786	36	-0.77	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.0450	0.01000	1.0552	0.01983	0.00786	36	-0.51	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.01	Salt as chloride, Poten Cl (%)	0083	1.0450	0.03000	1.0552	0.01983	0.00786	36	-0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.0450	0.01000	1.0552	0.01983	0.00786	36	-0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.0450	0.01000	1.0552	0.01983	0.00786	36	-0.51	0%	0
033.01	Salt as chloride, Poten Cl (%)	0011	1.0498	0.00360	1.0552	0.01983	0.00786	36	-0.27	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.0500	0.00000	1.0552	0.01983	0.00786	36	-0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0178	1.0515	0.00300	1.0552	0.01983	0.00786	36	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.0550	0.01000	1.0552	0.01983	0.00786	36	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.0550	0.01000	1.0552	0.01983	0.00786	36	-0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.0595	0.00300	1.0552	0.01983	0.00786	36	0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0021	1.0600	0.02000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.0600	0.00000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0413	1.0600	0.00000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.0600	0.00000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.0600	0.00000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.0600	0.00000	1.0552	0.01983	0.00786	36	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.0650	0.01000	1.0552	0.01983	0.00786	36	0.49	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.0650	0.01000	1.0552	0.01983	0.00786	36	0.49	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.0665	0.00100	1.0552	0.01983	0.00786	36	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.0675	0.00500	1.0552	0.01983	0.00786	36	0.62	1%	0
033.01	Salt as chloride, Poten Cl (%)	2023	1.0700	0.00000	1.0552	0.01983	0.00786	36	0.75	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.0750	0.01000	1.0552	0.01983	0.00786	36	1.00	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.0850	0.01000	1.0552	0.01983	0.00786	36	1.50	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.0900	0.00000	1.0552	0.01983	0.00786	36	1.76	2%	0
033.01	Salt as chloride, Poten Cl (%)	0199	1.1000	0.00000	1.0552	0.01983	0.00786	36	2.26	2%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.1250	0.03000	1.0552	0.01983	0.00786	36	3.52	3%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.2558	0.01550	1.0552	0.01983	0.00786	36	10.12	10%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.0200	0.06000	1.0552	0.01983	0.00786	36	-1.78	2%	1
033.01	Salt as chloride, Poten Cl (%)	0868	1.0350	0.07000	1.0552	0.01983	0.00786	36	-1.02	1%	1
033.01	Salt as chloride, Poten Cl (%)	0019	1.9900	0.00000	1.0552	0.01983	0.00786	36	47.15	44%	2
033.03	Salt as chloride, Quantab (%)	0265	0.86000	0.00000	0.97210	0.03692	0.03329	7	-3.04	6%	0
033.03	Salt as chloride, Quantab (%)	0190	0.95000	0.06000	0.97210	0.03692	0.03329	7	-0.60	1%	0
033.03	Salt as chloride, Quantab (%)	0505	0.96000	0.04000	0.97210	0.03692	0.03329	7	-0.33	1%	0
033.03	Salt as chloride, Quantab (%)	0014	0.97350	0.09300	0.97210	0.03692	0.03329	7	0.04	0%	0
033.03	Salt as chloride, Quantab (%)	0726	0.98000	0.04000	0.97210	0.03692	0.03329	7	0.21	0%	0
033.03	Salt as chloride, Quantab (%)	0848	1.0000	0.00000	0.97210	0.03692	0.03329	7	0.76	1%	0
033.03	Salt as chloride, Quantab (%)	0144	1.0200	0.00000	0.97210	0.03692	0.03329	7	1.30	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.96500	0.01000	1.0550	0.08047	0.01667	3	-1.12	4%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.0800	0.00000	1.0550	0.08047	0.01667	3	0.31	1%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.1200	0.04000	1.0550	0.08047	0.01667	3	0.81	3%	0
033.99	Salt, Miscellaneous (%)	0536	0.71000	0.02000	1.0146	0.19845	0.02480	10	-1.53	15%	0
033.99	Salt, Miscellaneous (%)	0358	0.82500	0.05000	1.0146	0.19845	0.02480	10	-0.96	9%	0
033.99	Salt, Miscellaneous (%)	0027	0.84800	0.07800	1.0146	0.19845	0.02480	10	-0.84	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			
033.99	Salt, Miscellaneous (%)	0910	0.97500	0.01000	1.0146	0.19845	0.02480	10	-0.20	2%	0
033.99	Salt, Miscellaneous (%)	0552	1.0250	0.01000	1.0146	0.19845	0.02480	10	0.05	1%	0
033.99	Salt, Miscellaneous (%)	2073	1.0250	0.01000	1.0146	0.19845	0.02480	10	0.05	1%	0
033.99	Salt, Miscellaneous (%)	0619	1.0350	0.01000	1.0146	0.19845	0.02480	10	0.10	1%	0
033.99	Salt, Miscellaneous (%)	0208	1.0800	0.02000	1.0146	0.19845	0.02480	10	0.33	3%	0
033.99	Salt, Miscellaneous (%)	0681	1.9350	0.01000	1.0146	0.19845	0.02480	10	4.64	45%	0
033.99	Salt, Miscellaneous (%)	0946	3.1250	0.03000	1.0146	0.19845	0.02480	10	10.63	104%	0
033.99	Salt, Miscellaneous (%)	0613	0.99000	0.14000	1.0146	0.19845	0.02480	10	-0.12	1%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.8550	0.01000			0.03500	2	-0.71	0%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	1.8600	0.06000			0.03500	2	0.71	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.6100	0.02000	1.8392	0.20464	0.03500	6	-1.12	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.7150	0.01000	1.8392	0.20464	0.03500	6	-0.61	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	1.7450	0.03000	1.8392	0.20464	0.03500	6	-0.46	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.8750	0.03000	1.8392	0.20464	0.03500	6	0.18	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	2.0450	0.01000	1.8392	0.20464	0.03500	6	1.01	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	2.0450	0.11000	1.8392	0.20464	0.03500	6	1.01	6%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.5000	0.08000			0.08000	1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	2.2515	0.02100			0.02100	1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	1.7600	0.14000	1.8860	0.12336	0.09200	5	-1.02	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.7800	0.12000	1.8860	0.12336	0.09200	5	-0.86	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.9000	0.00000	1.8860	0.12336	0.09200	5	0.11	0%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.9250	0.01000	1.8860	0.12336	0.09200	5	0.32	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	2.0650	0.19000	1.8860	0.12336	0.09200	5	1.45	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.4550	0.19000	1.8179	0.24260	0.08200	7	-1.50	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.6600	0.10000	1.8179	0.24260	0.08200	7	-0.65	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	1.7500	0.10000	1.8179	0.24260	0.08200	7	-0.28	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0033	1.8250	0.03000	1.8179	0.24260	0.08200	7	0.03	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0413	1.9675	0.02300	1.8179	0.24260	0.08200	7	0.62	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.0100	0.12000	1.8179	0.24260	0.08200	7	0.79	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.0549	0.01100	1.8179	0.24260	0.08200	7	0.98	7%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	2.8365	0.51900	1.8179	0.24260	0.08200	7	4.20	28%	1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0045	0.24600	0.01000	1.2670	0.90185	0.02667	3	-1.13	40%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	1.6000	0.00000	1.2670	0.90185	0.02667	3	0.37	13%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.9550	0.07000	1.2670	0.90185	0.02667	3	0.76	27%	0
035.01	Sodium, Ion-selective electrode (%)	0868	0.30500	0.00000	0.32063	0.01383	0.00875	4	-1.13	2%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.31300	0.00800	0.32063	0.01383	0.00875	4	-0.55	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.33150	0.00900	0.32063	0.01383	0.00875	4	0.79	2%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.33300	0.01800	0.32063	0.01383	0.00875	4	0.89	2%	0
035.05	Sodium, Flame Emission (%)	0152	0.30000	0.00000	0.31250	0.01768	0.01333	3	-0.58	39%	0
035.05	Sodium, Flame Emission (%)	0504	0.32500	0.01000	0.31250	0.01768	0.01333	3	-0.57	38%	0
035.05	Sodium, Flame Emission (%)	0108	3.4750	0.03000	0.31250	0.01768	0.01333	3	1.15	77%	0
035.31	Sodium, AAS, Dry ash (%)	0596	0.28500	0.01000	0.32465	0.02312	0.00810	20	-1.71	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	2022	0.28750	0.00500	0.32465	0.02312	0.00810	20	-1.61	6%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.30000	0.00000	0.32465	0.02312	0.00810	20	-1.07	4%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.30490	0.00000	0.32465	0.02312	0.00810	20	-0.85	3%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.30500	0.01000	0.32465	0.02312	0.00810	20	-0.85	3%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.31320	0.00060	0.32465	0.02312	0.00810	20	-0.50	2%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.31500	0.01000	0.32465	0.02312	0.00810	20	-0.42	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.31850	0.00900	0.32465	0.02312	0.00810	20	-0.27	1%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.32300	0.00000	0.32465	0.02312	0.00810	20	-0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.32425	0.00050	0.32465	0.02312	0.00810	20	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.32500	0.01000	0.32465	0.02312	0.00810	20	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.32500	0.01000	0.32465	0.02312	0.00810	20	0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0178	0.32550	0.00100	0.32465	0.02312	0.00810	20	0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.32800	0.00400	0.32465	0.02312	0.00810	20	0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.33500	0.01000	0.32465	0.02312	0.00810	20	0.45	2%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.34150	0.03900	0.32465	0.02312	0.00810	20	0.73	3%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.35455	0.00290	0.32465	0.02312	0.00810	20	1.29	5%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.37000	0.00000	0.32465	0.02312	0.00810	20	1.96	7%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.37000	0.02000	0.32465	0.02312	0.00810	20	1.96	7%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.41000	0.02000	0.32465	0.02312	0.00810	20	3.69	13%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.30500	0.05000	0.32465	0.02312	0.00810	20	-0.85	3%	1
035.32	Sodium, AAS, Open vessel (%)	0609	0.24500	0.01000	0.28900	0.06223	17.670	3	-0.58	50%	0
035.32	Sodium, AAS, Open vessel (%)	0263	0.33300	0.00000	0.28900	0.06223	17.670	3	-0.58	50%	0
035.32	Sodium, AAS, Open vessel (%)	0169	843.50	53.000	0.28900	0.06223	17.670	3	1.15	100%	0
035.41	Sodium, ICP, Dry ash (%)	0682	0.28000	0.00000	0.31873	0.01491	0.00917	35	-2.60	6%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.29000	0.00000	0.31873	0.01491	0.00917	35	-1.93	5%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.29000	0.00000	0.31873	0.01491	0.00917	35	-1.93	5%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.29500	0.01000	0.31873	0.01491	0.00917	35	-1.59	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.30300	0.00200	0.31873	0.01491	0.00917	35	-1.06	2%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.30370	0.00080	0.31873	0.01491	0.00917	35	-1.01	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.30400	0.01000	0.31873	0.01491	0.00917	35	-0.99	2%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.30750	0.00300	0.31873	0.01491	0.00917	35	-0.75	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.30925	0.00150	0.31873	0.01491	0.00917	35	-0.64	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.31000	0.00000	0.31873	0.01491	0.00917	35	-0.59	1%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.31000	0.00000	0.31873	0.01491	0.00917	35	-0.59	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.31100	0.00000	0.31873	0.01491	0.00917	35	-0.52	1%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.31400	0.00200	0.31873	0.01491	0.00917	35	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.31500	0.01000	0.31873	0.01491	0.00917	35	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.31500	0.01000	0.31873	0.01491	0.00917	35	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.31500	0.01000	0.31873	0.01491	0.00917	35	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.32000	0.00000	0.31873	0.01491	0.00917	35	0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.32000	0.02000	0.31873	0.01491	0.00917	35	0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.32000	0.00000	0.31873	0.01491	0.00917	35	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.41	Sodium, ICP, Dry ash (%)	0407	0.32230	0.01280	0.31873	0.01491	0.00917	35	0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.32350	0.00500	0.31873	0.01491	0.00917	35	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.32500	0.01000	0.31873	0.01491	0.00917	35	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0425	0.32500	0.01000	0.31873	0.01491	0.00917	35	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0553	0.32500	0.03200	0.31873	0.01491	0.00917	35	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.32500	0.03000	0.31873	0.01491	0.00917	35	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	2089	0.32500	0.01000	0.31873	0.01491	0.00917	35	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.32600	0.03400	0.31873	0.01491	0.00917	35	0.49	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.33000	0.00000	0.31873	0.01491	0.00917	35	0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.33000	0.02000	0.31873	0.01491	0.00917	35	0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.33250	0.01100	0.31873	0.01491	0.00917	35	0.92	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.33450	0.01500	0.31873	0.01491	0.00917	35	1.06	2%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.34000	0.02000	0.31873	0.01491	0.00917	35	1.43	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.34865	0.00090	0.31873	0.01491	0.00917	35	2.01	5%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.37750	0.02700	0.31873	0.01491	0.00917	35	3.94	9%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.93200	0.00400	0.31873	0.01491	0.00917	35	41.13	96%	0
035.41	Sodium, ICP, Dry ash (%)	0051	3,307.0	52.000	0.31873	0.01491	0.00917	35	221781.48	518727%	2
035.42	Sodium, ICP, Open vessel (%)	0613	0.26000	0.02000	0.31697	0.02071	0.01269	17	-2.75	9%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.27500	0.01000	0.31697	0.02071	0.01269	17	-2.03	7%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.30000	0.01400	0.31697	0.02071	0.01269	17	-0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.30250	0.01500	0.31697	0.02071	0.01269	17	-0.70	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.30290	0.01400	0.31697	0.02071	0.01269	17	-0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.30650	0.00900	0.31697	0.02071	0.01269	17	-0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.31000	0.04000	0.31697	0.02071	0.01269	17	-0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.31350	0.00300	0.31697	0.02071	0.01269	17	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.31500	0.01000	0.31697	0.02071	0.01269	17	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.31500	0.01000	0.31697	0.02071	0.01269	17	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.32650	0.00300	0.31697	0.02071	0.01269	17	0.46	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.32725	0.00070	0.31697	0.02071	0.01269	17	0.50	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.33435	0.02710	0.31697	0.02071	0.01269	17	0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.33500	0.01000	0.31697	0.02071	0.01269	17	0.87	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.34000	0.02000	0.31697	0.02071	0.01269	17	1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.35000	0.00000	0.31697	0.02071	0.01269	17	1.59	5%	0
035.42	Sodium, ICP, Open vessel (%)	2051	0.35500	0.01000	0.31697	0.02071	0.01269	17	1.84	6%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.27750	0.00100	0.30761	0.02058	0.00838	15	-1.46	5%	0
035.43	Sodium, ICP, Microwave (%)	0168	0.28785	0.01530	0.30761	0.02058	0.00838	15	-0.96	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.29000	0.02000	0.30761	0.02058	0.00838	15	-0.86	3%	0
035.43	Sodium, ICP, Microwave (%)	0644	0.29145	0.01370	0.30761	0.02058	0.00838	15	-0.79	3%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.29650	0.00900	0.30761	0.02058	0.00838	15	-0.54	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.30000	0.00000	0.30761	0.02058	0.00838	15	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.30000	0.00200	0.30761	0.02058	0.00838	15	-0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.30200	0.00400	0.30761	0.02058	0.00838	15	-0.27	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			
035.43	Sodium, ICP, Microwave (%)	0861	0.30700	0.00200	0.30761	0.02058	0.00838	15	-0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.31500	0.01000	0.30761	0.02058	0.00838	15	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.32325	0.01250	0.30761	0.02058	0.00838	15	0.76	3%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.33500	0.01000	0.30761	0.02058	0.00838	15	1.33	4%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.33720	0.00520	0.30761	0.02058	0.00838	15	1.44	5%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.34250	0.02100	0.30761	0.02058	0.00838	15	1.69	6%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.37000	0.00000	0.30761	0.02058	0.00838	15	3.03	10%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.33115	0.00570			0.00570	1			0
035.53	Sodium, ICP-MS, Microwave (%)	0413	0.32200	0.02600			0.01800	2	-0.71	0%	0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.32500	0.01000			0.01800	2	0.71	0%	0
035.99	Sodium, Miscellaneous (%)	0242	0.30500	0.01000	0.32500	0.02291	0.00500	4	-0.55	20%	0
035.99	Sodium, Miscellaneous (%)	0100	0.32000	0.00000	0.32500	0.02291	0.00500	4	-0.51	18%	0
035.99	Sodium, Miscellaneous (%)	0940	0.35000	0.00000	0.32500	0.02291	0.00500	4	-0.43	16%	0
035.99	Sodium, Miscellaneous (%)	0889	1.0550	0.01000	0.32500	0.02291	0.00500	4	1.50	54%	0
036.00	Sulfur, Gravimetric (%)	0004	0.34000	0.04000			0.04000	1			0
036.04	Sulfur, LECO (%)	0610	0.30000	0.02000	0.32792	0.02205	0.01600	5	-1.27	4%	0
036.04	Sulfur, LECO (%)	0168	0.30960	0.04000	0.32792	0.02205	0.01600	5	-0.83	3%	0
036.04	Sulfur, LECO (%)	0229	0.33500	0.01000	0.32792	0.02205	0.01600	5	0.32	1%	0
036.04	Sulfur, LECO (%)	0226	0.34500	0.01000	0.32792	0.02205	0.01600	5	0.77	3%	0
036.04	Sulfur, LECO (%)	0098	0.35000	0.00000	0.32792	0.02205	0.01600	5	1.00	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.26000	0.08000	0.32367	0.02963	0.01026	21	-2.15	10%	0
036.42	Sulfur, ICP, Open vessel (%)	2089	0.28000	0.00000	0.32367	0.02963	0.01026	21	-1.47	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.29000	0.00000	0.32367	0.02963	0.01026	21	-1.14	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0619	0.29850	0.00300	0.32367	0.02963	0.01026	21	-0.85	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.30350	0.00900	0.32367	0.02963	0.01026	21	-0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.30500	0.07000	0.32367	0.02963	0.01026	21	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.31000	0.00000	0.32367	0.02963	0.01026	21	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.31000	0.00000	0.32367	0.02963	0.01026	21	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.31520	0.01320	0.32367	0.02963	0.01026	21	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.32400	0.00200	0.32367	0.02963	0.01026	21	0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.32550	0.00100	0.32367	0.02963	0.01026	21	0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.32590	0.00240	0.32367	0.02963	0.01026	21	0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.33000	0.00000	0.32367	0.02963	0.01026	21	0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.33000	0.00000	0.32367	0.02963	0.01026	21	0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.34000	0.00000	0.32367	0.02963	0.01026	21	0.55	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.34000	0.00000	0.32367	0.02963	0.01026	21	0.55	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.34765	0.01070	0.32367	0.02963	0.01026	21	0.81	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.35000	0.00000	0.32367	0.02963	0.01026	21	0.89	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.35565	0.00130	0.32367	0.02963	0.01026	21	1.08	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2051	0.37000	0.02000	0.32367	0.02963	0.01026	21	1.56	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.39500	0.00280	0.32367	0.02963	0.01026	21	2.41	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	1.4300	0.56000	0.32367	0.02963	0.01026	21	37.34	171%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0038	0.31000	0.00000	0.32690	0.01646	0.00233	10	-1.03	3%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.31000	0.00000	0.32690	0.01646	0.00233	10	-1.03	3%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.31650	0.00300	0.32690	0.01646	0.00233	10	-0.63	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.31750	0.00300	0.32690	0.01646	0.00233	10	-0.57	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.31850	0.00500	0.32690	0.01646	0.00233	10	-0.51	1%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.32540	0.00740	0.32690	0.01646	0.00233	10	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0033	0.34000	0.00000	0.32690	0.01646	0.00233	10	0.80	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.34000	0.00000	0.32690	0.01646	0.00233	10	0.80	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.34255	0.00490	0.32690	0.01646	0.00233	10	0.95	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.35000	0.00000	0.32690	0.01646	0.00233	10	1.40	4%	0
036.43	Sulfur, ICP, Microwave (%)	0169	31.000	0.00000	0.32690	0.01646	0.00233	10	1863.25	4692%	2
036.99	Sulfur, Miscellaneous (%)	0889	0.27500	0.01000			0.00500	2	-0.71	1%	0
036.99	Sulfur, Miscellaneous (%)	0242	0.29000	0.00000			0.00500	2	0.71	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	295.20	4.9400	339.40	17.828	6.1915	20	-2.48	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	314.95	4.3000	339.40	17.828	6.1915	20	-1.37	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	320.00	8.0000	339.40	17.828	6.1915	20	-1.09	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	321.32	2.7600	339.40	17.828	6.1915	20	-1.01	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0178	322.10	1.6000	339.40	17.828	6.1915	20	-0.97	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	327.00	2.0000	339.40	17.828	6.1915	20	-0.70	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0590	329.75	2.5000	339.40	17.828	6.1915	20	-0.54	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	339.50	13.000	339.40	17.828	6.1915	20	0.01	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	340.00	2.0000	339.40	17.828	6.1915	20	0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	342.27	1.6000	339.40	17.828	6.1915	20	0.16	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	342.50	15.000	339.40	17.828	6.1915	20	0.17	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	342.56	11.110	339.40	17.828	6.1915	20	0.18	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	343.74	0.00000	339.40	17.828	6.1915	20	0.24	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	345.00	10.000	339.40	17.828	6.1915	20	0.31	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	347.00	10.000	339.40	17.828	6.1915	20	0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	352.50	5.0000	339.40	17.828	6.1915	20	0.73	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	354.46	15.570	339.40	17.828	6.1915	20	0.84	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0646	356.25	12.500	339.40	17.828	6.1915	20	0.94	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0674	368.82	0.85000	339.40	17.828	6.1915	20	1.65	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	370.38	1.1000	339.40	17.828	6.1915	20	1.74	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	349.45	43.140	339.40	17.828	6.1915	20	0.56	1%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	290.00	0.00000	332.85	30.829	4.6700	4	-1.39	6%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0263	330.78	2.6800	332.85	30.829	4.6700	4	-0.07	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	354.10	13.000	332.85	30.829	4.6700	4	0.69	3%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	356.50	3.0000	332.85	30.829	4.6700	4	0.77	4%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	341.39	8.0900			8.0900	1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	283.20	0.66000	333.14	18.915	9.2039	35	-2.64	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	299.27	3.5700	333.14	18.915	9.2039	35	-1.79	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	302.75	22.900	333.14	18.915	9.2039	35	-1.61	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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	312.00	2.0000	333.14	18.915	9.2039	35	-1.12	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	313.85	6.1900	333.14	18.915	9.2039	35	-1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	315.50	13.000	333.14	18.915	9.2039	35	-0.93	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	316.11	6.5280	333.14	18.915	9.2039	35	-0.90	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	322.00	22.000	333.14	18.915	9.2039	35	-0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	322.50	15.000	333.14	18.915	9.2039	35	-0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	322.95	4.1000	333.14	18.915	9.2039	35	-0.54	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	323.97	30.940	333.14	18.915	9.2039	35	-0.48	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	325.00	4.0000	333.14	18.915	9.2039	35	-0.43	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	325.75	0.90000	333.14	18.915	9.2039	35	-0.39	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	326.50	3.0000	333.14	18.915	9.2039	35	-0.35	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0860	327.89	10.000	333.14	18.915	9.2039	35	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0682	328.80	0.00000	333.14	18.915	9.2039	35	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	329.65	2.2250	333.14	18.915	9.2039	35	-0.18	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	330.00	4.0000	333.14	18.915	9.2039	35	-0.17	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	331.35	30.500	333.14	18.915	9.2039	35	-0.09	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	332.81	0.93000	333.14	18.915	9.2039	35	-0.02	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	333.00	2.0000	333.14	18.915	9.2039	35	-0.01	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	338.49	1.5100	333.14	18.915	9.2039	35	0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0425	341.25	0.70000	333.14	18.915	9.2039	35	0.43	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	342.00	12.000	333.14	18.915	9.2039	35	0.47	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0553	345.00	4.0000	333.14	18.915	9.2039	35	0.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	345.02	8.9580	333.14	18.915	9.2039	35	0.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2089	345.98	2.9100	333.14	18.915	9.2039	35	0.68	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	349.50	3.0000	333.14	18.915	9.2039	35	0.87	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	351.35	3.3000	333.14	18.915	9.2039	35	0.96	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	351.36	10.256	333.14	18.915	9.2039	35	0.96	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	356.29	5.7600	333.14	18.915	9.2039	35	1.22	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	357.50	35.000	333.14	18.915	9.2039	35	1.29	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0512	360.35	18.300	333.14	18.915	9.2039	35	1.44	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	364.00	28.000	333.14	18.915	9.2039	35	1.63	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	453.00	4.0000	333.14	18.915	9.2039	35	6.34	18%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	283.00	5.8000	338.11	18.226	13.855	19	-3.02	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	297.50	6.4000	338.11	18.226	13.855	19	-2.23	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	308.34	9.0800	338.11	18.226	13.855	19	-1.63	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	314.85	44.500	338.11	18.226	13.855	19	-1.28	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	315.50	23.000	338.11	18.226	13.855	19	-1.24	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	335.00	8.0000	338.11	18.226	13.855	19	-0.17	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	335.00	50.000	338.11	18.226	13.855	19	-0.17	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	336.23	4.0600	338.11	18.226	13.855	19	-0.10	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	338.00	10.000	338.11	18.226	13.855	19	-0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	338.50	23.000	338.11	18.226	13.855	19	0.02	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	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	339.55	0.90000	338.11	18.226	13.855	19	0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	341.00	20.000	338.11	18.226	13.855	19	0.16	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	343.50	11.000	338.11	18.226	13.855	19	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	344.57	1.4600	338.11	18.226	13.855	19	0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	348.50	23.000	338.11	18.226	13.855	19	0.57	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0160	367.50	1.0000	338.11	18.226	13.855	19	1.61	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	374.49	3.0400	338.11	18.226	13.855	19	2.00	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	390.50	9.0000	338.11	18.226	13.855	19	2.87	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2051	405.00	10.000	338.11	18.226	13.855	19	3.67	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0644	293.09	3.3260	332.94	27.608	7.1012	21	-1.44	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	299.00	2.0000	332.94	27.608	7.1012	21	-1.23	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	303.00	0.00000	332.94	27.608	7.1012	21	-1.08	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	307.08	4.6800	332.94	27.608	7.1012	21	-0.94	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	308.00	2.0000	332.94	27.608	7.1012	21	-0.90	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	312.85	2.5000	332.94	27.608	7.1012	21	-0.73	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	316.50	9.0000	332.94	27.608	7.1012	21	-0.60	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0168	320.65	13.300	332.94	27.608	7.1012	21	-0.45	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	325.00	2.0000	332.94	27.608	7.1012	21	-0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	326.00	18.000	332.94	27.608	7.1012	21	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	335.50	5.0000	332.94	27.608	7.1012	21	0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	338.47	3.7900	332.94	27.608	7.1012	21	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	342.50	3.0000	332.94	27.608	7.1012	21	0.35	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	343.80	7.4000	332.94	27.608	7.1012	21	0.39	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	345.80	5.4400	332.94	27.608	7.1012	21	0.47	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0037	350.80	1.8000	332.94	27.608	7.1012	21	0.65	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	357.00	24.000	332.94	27.608	7.1012	21	0.87	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	359.00	4.0000	332.94	27.608	7.1012	21	0.94	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	364.50	7.0000	332.94	27.608	7.1012	21	1.14	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0508	368.88	24.440	332.94	27.608	7.1012	21	1.30	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	378.67	6.4500	332.94	27.608	7.1012	21	1.66	7%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	326.00	48.000			25.000	2	-0.71	0%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	327.00	2.0000			25.000	2	0.71	0%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0016	343.00	8.0000	356.65	12.321	27.100	3	-1.11	2%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	360.00	60.000	356.65	12.321	27.100	3	0.27	0%	0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	366.95	13.300	356.65	12.321	27.100	3	0.84	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	305.74	6.4800			7.1250	2	-0.71	3%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0413	351.46	7.7700			7.1250	2	0.71	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	286.50	1.0000	318.00	33.974	5.3333	3	-0.93	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	313.50	5.0000	318.00	33.974	5.3333	3	-0.13	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	354.00	10.000	318.00	33.974	5.3333	3	1.06	6%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.7000	0.00000	3.8051	0.09324	0.06927	3	-1.13	1%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0011	3.8373	0.06750	3.8051	0.09324	0.06927	3	0.35	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			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	3.8780	0.14030	3.8051	0.09324	0.06927	3	0.78	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	3.8000	0.10000	3.8000	0.00000	0.06000	3	-0.58	0%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	3.8000	0.00000	3.8000	0.00000	0.06000	3	-0.58	0%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	3.8600	0.08000	3.8000	0.00000	0.06000	3	1.15	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.7800	0.74000	3.6892	0.43684	0.31833	6	-2.08	12%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	3.3800	0.02000	3.6892	0.43684	0.31833	6	-0.71	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.6900	0.12000	3.6892	0.43684	0.31833	6	0.00	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.7500	0.10000	3.6892	0.43684	0.31833	6	0.14	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	3.8750	0.03000	3.6892	0.43684	0.31833	6	0.43	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	6.2500	0.90000	3.6892	0.43684	0.31833	6	5.86	35%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	4.0000	0.20000			0.20000	1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	2.6550	1.2820	4.0144	0.14881	0.43328	5	-1.75	15%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	3.8100	0.16000	4.0144	0.14881	0.43328	5	0.11	1%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	4.0106	0.19040	4.0144	0.14881	0.43328	5	0.43	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	4.0800	0.08000	4.0144	0.14881	0.43328	5	0.54	5%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0413	4.1570	0.45400	4.0144	0.14881	0.43328	5	0.67	6%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	8.3850	0.55000			0.55000	1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0508	18.258	0.76200			0.76200	1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	8.2000	1.4000			1.4000	1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	7.4060	0.57090			0.57090	1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.1000	0.00000			0.00000	1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.8200	0.22000			0.22000	1			0
042.00	Chloride, Titrimetric (%)	2012	0.49500	0.01000			0.00500	2	-0.71	4%	0
042.00	Chloride, Titrimetric (%)	0297	0.59000	0.00000			0.00500	2	0.71	4%	0
042.99	Chloride, Miscellaneous (%)	0613	0.60000	0.08000			0.04000	2	-0.71	1%	0
042.99	Chloride, Miscellaneous (%)	2089	0.62000	0.00000			0.04000	2	0.71	1%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0875	0.39000	0.00000			0.07500	2	-0.71	28%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0036	1.3850	0.15000			0.07500	2	0.71	28%	0
061.02	Lasalocid Sodium, LC (mg / kg (ppm))	0590	0.00000	0.00000			0.07500	2	-1.26	50%	4
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0038	1.4100	0.26000	1.5575	0.21156	0.19000	4	-0.70	5%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0047	1.4500	0.30000	1.5575	0.21156	0.19000	4	-0.51	3%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0033	1.5000	0.20000	1.5575	0.21156	0.19000	4	-0.27	2%	0
061.03	Lasalocid Sodium, LC, AOAC (mg / kg (ppm))	0003	1.8700	0.00000	1.5575	0.21156	0.19000	4	1.48	10%	0
065.03	Monensin, LC (mg / kg (ppm))	0047	0.70000	0.20000			0.28000	2	-0.71	16%	0
065.03	Monensin, LC (mg / kg (ppm))	0148	1.3800	0.36000			0.28000	2	0.71	16%	0
065.03	Monensin, LC (mg / kg (ppm))	0613	0.00000	0.00000			0.28000	2	-2.16	50%	4
065.03	Monensin, LC (mg / kg (ppm))	0905	0.00000	0.00000			0.28000	2	-2.16	50%	4
065.04	Monensin, LC-PCD (mg / kg (ppm))	0036	0.95000	0.10000			0.10000	1			0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0875	0.44000	0.00000			0.03000	2	-0.71	19%	0
065.99	Monensin, Miscellaneous (mg / kg (ppm))	0668	0.96000	0.06000			0.03000	2	0.71	19%	0
079.01	Salinomycin, LC (mg / kg (ppm))	0613	0.00000	0.00000			0.00000	0			4
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,510.0	60.000			132.50	2	-0.71	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			
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,778.5	205.00			132.50	2	0.71	4%	0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	2,285.0	10.000			10.000	1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	121.50	3.0000			3.0000	1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	11.950	0.10000			0.20000	2	-0.71	1%	0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	12.250	0.30000			0.20000	2	0.71	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	8.7050	0.71000			0.87000	2	-0.71	11%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2023	13.765	1.0300			0.87000	2	0.71	11%	0
105.00	Thiamine, LC (mg / kg (ppm))	2103	10.350	0.10000	31.624	12.270	1.5103	6	-1.73	34%	0
105.00	Thiamine, LC (mg / kg (ppm))	0208	27.353	1.5720	31.624	12.270	1.5103	6	-0.35	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	27.910	4.3800	31.624	12.270	1.5103	6	-0.30	6%	0
105.00	Thiamine, LC (mg / kg (ppm))	2023	32.785	0.81000	31.624	12.270	1.5103	6	0.09	2%	0
105.00	Thiamine, LC (mg / kg (ppm))	2053	41.000	2.0000	31.624	12.270	1.5103	6	0.76	15%	0
105.00	Thiamine, LC (mg / kg (ppm))	0946	64.960	0.20000	31.624	12.270	1.5103	6	2.72	53%	0
106.00	Vitamin A, Color (KU / kg)	0171	20.950	0.30000			0.30000	1			0
106.01	Vitamin A, UV (KU / kg)	0098	23.250	5.3000			5.3000	1			0
106.02	Vitamin A, LC (KU / kg)	0946	2.4950	0.15000	23.195	5.2998	4.7483	27	-3.91	45%	0
106.02	Vitamin A, LC (KU / kg)	0875	13.500	1.0000	23.195	5.2998	4.7483	27	-1.83	21%	0
106.02	Vitamin A, LC (KU / kg)	0905	14.398	0.73200	23.195	5.2998	4.7483	27	-1.66	19%	0
106.02	Vitamin A, LC (KU / kg)	0921	15.610	0.00000	23.195	5.2998	4.7483	27	-1.43	16%	0
106.02	Vitamin A, LC (KU / kg)	0555	17.500	3.6000	23.195	5.2998	4.7483	27	-1.07	12%	0
106.02	Vitamin A, LC (KU / kg)	0027	19.963	1.5400	23.195	5.2998	4.7483	27	-0.61	7%	0
106.02	Vitamin A, LC (KU / kg)	0016	20.150	1.9000	23.195	5.2998	4.7483	27	-0.57	7%	0
106.02	Vitamin A, LC (KU / kg)	0096	20.500	1.0000	23.195	5.2998	4.7483	27	-0.51	6%	0
106.02	Vitamin A, LC (KU / kg)	0941	21.192	0.58800	23.195	5.2998	4.7483	27	-0.38	4%	0
106.02	Vitamin A, LC (KU / kg)	0227	21.250	0.10000	23.195	5.2998	4.7483	27	-0.37	4%	0
106.02	Vitamin A, LC (KU / kg)	0199	22.190	0.00000	23.195	5.2998	4.7483	27	-0.19	2%	0
106.02	Vitamin A, LC (KU / kg)	0004	22.400	0.66000	23.195	5.2998	4.7483	27	-0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	0910	22.550	3.3000	23.195	5.2998	4.7483	27	-0.12	1%	0
106.02	Vitamin A, LC (KU / kg)	0208	22.597	1.9840	23.195	5.2998	4.7483	27	-0.11	1%	0
106.02	Vitamin A, LC (KU / kg)	2053	23.650	3.3000	23.195	5.2998	4.7483	27	0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0676	24.100	2.6000	23.195	5.2998	4.7483	27	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0033	24.550	5.5000	23.195	5.2998	4.7483	27	0.26	3%	0
106.02	Vitamin A, LC (KU / kg)	0689	25.500	0.20000	23.195	5.2998	4.7483	27	0.43	5%	0
106.02	Vitamin A, LC (KU / kg)	0003	25.725	0.65000	23.195	5.2998	4.7483	27	0.48	5%	0
106.02	Vitamin A, LC (KU / kg)	2023	26.800	4.0000	23.195	5.2998	4.7483	27	0.68	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	27.426	1.4796	23.195	5.2998	4.7483	27	0.80	9%	0
106.02	Vitamin A, LC (KU / kg)	0861	27.900	5.6000	23.195	5.2998	4.7483	27	0.89	10%	0
106.02	Vitamin A, LC (KU / kg)	0038	30.925	13.750	23.195	5.2998	4.7483	27	1.46	17%	0
106.02	Vitamin A, LC (KU / kg)	0169	51.500	1.0000	23.195	5.2998	4.7483	27	5.34	61%	0
106.02	Vitamin A, LC (KU / kg)	0675	54.015	3.5700	23.195	5.2998	4.7483	27	5.82	66%	0
106.02	Vitamin A, LC (KU / kg)	0610	883.00	0.00000	23.195	5.2998	4.7483	27	162.23	1853%	0
106.02	Vitamin A, LC (KU / kg)	2004	2,195.0	70.000	23.195	5.2998	4.7483	27	409.79	4682%	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			
106.02	Vitamin A, LC (KU / kg)	0035	8,240.0	1,180.0	23.195	5.2998	4.7483	27	1550.41	17712%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	101.40	3.2000			3.2000	1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0096	3.7200	0.20000			0.15000	2	-0.71	17%	0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	7.6500	0.10000			0.15000	2	0.71	17%	0
108.02	Vitamin D3, LC (KU / kg)	0160	1.5735	0.12700	4.0031	2.1769	0.71950	6	-1.12	30%	0
108.02	Vitamin D3, LC (KU / kg)	0946	2.2500	0.30000	4.0031	2.1769	0.71950	6	-0.81	22%	0
108.02	Vitamin D3, LC (KU / kg)	0227	3.9850	0.33000	4.0031	2.1769	0.71950	6	-0.01	0%	0
108.02	Vitamin D3, LC (KU / kg)	2023	4.0500	0.10000	4.0031	2.1769	0.71950	6	0.02	1%	0
108.02	Vitamin D3, LC (KU / kg)	0675	5.4400	0.34000	4.0031	2.1769	0.71950	6	0.66	18%	0
108.02	Vitamin D3, LC (KU / kg)	0208	6.7200	3.1200	4.0031	2.1769	0.71950	6	1.25	34%	0
108.02	Vitamin D3, LC (KU / kg)	0610	127.50	17.000	4.0031	2.1769	0.71950	6	56.73	1543%	1
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	4.3100	0.20000			0.20000	1			0
109.02	Vitamin E, LC (mg / kg (ppm))	2066	181.40	0.00000	549.57	89.425	19.024	23	-4.12	33%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0946	316.90	7.9700	549.57	89.425	19.024	23	-2.60	21%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0921	375.00	0.00000	549.57	89.425	19.024	23	-1.95	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0875	429.50	11.000	549.57	89.425	19.024	23	-1.34	11%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0555	471.50	7.0000	549.57	89.425	19.024	23	-0.87	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0905	478.50	33.000	549.57	89.425	19.024	23	-0.79	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2053	503.00	6.0000	549.57	89.425	19.024	23	-0.52	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0098	503.50	79.000	549.57	89.425	19.024	23	-0.52	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0208	509.75	59.220	549.57	89.425	19.024	23	-0.45	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0676	545.00	21.600	549.57	89.425	19.024	23	-0.05	0%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0169	559.00	10.000	549.57	89.425	19.024	23	0.11	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2103	561.50	3.0000	549.57	89.425	19.024	23	0.13	1%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0861	570.00	40.000	549.57	89.425	19.024	23	0.23	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0910	571.50	12.000	549.57	89.425	19.024	23	0.25	2%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0723	579.11	0.00000	549.57	89.425	19.024	23	0.33	3%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0941	596.15	26.300	549.57	89.425	19.024	23	0.52	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0027	597.67	21.744	549.57	89.425	19.024	23	0.54	4%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0096	613.64	19.760	549.57	89.425	19.024	23	0.72	6%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0675	626.25	1.9000	549.57	89.425	19.024	23	0.86	7%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0199	640.43	0.00000	549.57	89.425	19.024	23	1.02	8%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0227	645.00	8.0000	549.57	89.425	19.024	23	1.07	9%	0
109.02	Vitamin E, LC (mg / kg (ppm))	2023	659.35	56.900	549.57	89.425	19.024	23	1.23	10%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0563	728.24	13.149	549.57	89.425	19.024	23	2.00	16%	0
109.02	Vitamin E, LC (mg / kg (ppm))	0610	2,685.0	230.00	549.57	89.425	19.024	23	23.88	194%	2
109.99	Vitamin E, Miscellaneous (mg / kg (ppm))	0171	594.00	16.000			16.000	1			0
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0875	0.00000	0.00000			0.00000	0			4
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0921	0.16000	0.04000			1.1200	2	-0.71	50%	0
111.01	Vitamin C, Ascorbic Acid, LC (mg / kg (ppm))	0946	33.260	2.2000			1.1200	2	0.71	50%	0
111.99	Vitamin C, phosphorylated, Miscellaneous (mg / kg (ppm))	0208	132.00	10.000			10.000	1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	10.160	0.48000			0.48000	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			
114.01	Biotin, Microbiological (mg / kg (ppm))	0208	2.6950	0.05000			0.08500	2	-0.71	2%	0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	2.8700	0.12000			0.08500	2	0.71	2%	0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0027	3.4505	0.33100			0.33100	1			0
118.01	Peroxide value, Titrimetric Method (meq/kg)	0574	12.150	0.30000			0.30000	1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.1100	0.02000	1.1744	0.01818	0.01117	18	-3.54	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.1500	0.04000	1.1744	0.01818	0.01117	18	-1.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.1600	0.02000	1.1744	0.01818	0.01117	18	-0.79	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.1610	0.02400	1.1744	0.01818	0.01117	18	-0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.1620	0.00000	1.1744	0.01818	0.01117	18	-0.68	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1630	0.00200	1.1744	0.01818	0.01117	18	-0.63	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.1700	0.00000	1.1744	0.01818	0.01117	18	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1700	0.00000	1.1744	0.01818	0.01117	18	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	1.1700	0.02000	1.1744	0.01818	0.01117	18	-0.24	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.1706	0.01120	1.1744	0.01818	0.01117	18	-0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.1745	0.00300	1.1744	0.01818	0.01117	18	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.1840	0.00600	1.1744	0.01818	0.01117	18	0.53	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.1850	0.01000	1.1744	0.01818	0.01117	18	0.58	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0868	1.1856	0.01200	1.1744	0.01818	0.01117	18	0.62	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.1950	0.01000	1.1744	0.01818	0.01117	18	1.13	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.1970	0.00220	1.1744	0.01818	0.01117	18	1.24	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.2015	0.00700	1.1744	0.01818	0.01117	18	1.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.2456	0.01370	1.1744	0.01818	0.01117	18	3.91	3%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	1.0635	0.00700			0.00700	1			0
120.02	Alanine, Post-col OPA Der (%)	2023	1.1150	0.01000			0.00550	2	-0.71	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.2095	0.00100			0.00550	2	0.71	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.0600	0.06000	1.1288	0.06534	0.03100	3	-1.05	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.1365	0.01300	1.1288	0.06534	0.03100	3	0.12	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.1900	0.02000	1.1288	0.06534	0.03100	3	0.94	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.5757	0.01450	1.7201	0.04547	0.01822	17	-3.18	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.6450	0.03000	1.7201	0.04547	0.01822	17	-1.65	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.6630	0.03800	1.7201	0.04547	0.01822	17	-1.26	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.6835	0.00700	1.7201	0.04547	0.01822	17	-0.81	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.6950	0.01000	1.7201	0.04547	0.01822	17	-0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.6970	0.01000	1.7201	0.04547	0.01822	17	-0.51	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.7000	0.02000	1.7201	0.04547	0.01822	17	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.7100	0.02000	1.7201	0.04547	0.01822	17	-0.22	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.7275	0.00100	1.7201	0.04547	0.01822	17	0.16	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	1.7350	0.01000	1.7201	0.04547	0.01822	17	0.33	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.7397	0.02110	1.7201	0.04547	0.01822	17	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.7527	0.06090	1.7201	0.04547	0.01822	17	0.71	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.7535	0.01700	1.7201	0.04547	0.01822	17	0.73	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.7550	0.03000	1.7201	0.04547	0.01822	17	0.77	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
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121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.7600	0.00000	1.7201	0.04547	0.01822	17	0.88	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.7630	0.01000	1.7201	0.04547	0.01822	17	0.94	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0868	1.8063	0.01030	1.7201	0.04547	0.01822	17	1.89	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.7050	0.09000	1.7201	0.04547	0.01822	17	-0.33	0%	1
121.01	Arginine, Pre-col OPA Der (%)	0297	1.7735	0.02300			0.02300	1			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.6000	0.00000			0.01150	2	-0.71	2%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.7085	0.02300			0.01150	2	0.71	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.6745	0.02700	1.7448	0.08550	0.04233	3	-0.82	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.7200	0.10000	1.7448	0.08550	0.04233	3	-0.29	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.8400	0.00000	1.7448	0.08550	0.04233	3	1.11	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.4450	0.01000	2.5435	0.05307	0.02784	18	-1.86	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.4475	0.07300	2.5435	0.05307	0.02784	18	-1.81	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.4850	0.09000	2.5435	0.05307	0.02784	18	-1.10	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.4965	0.01300	2.5435	0.05307	0.02784	18	-0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.5145	0.02700	2.5435	0.05307	0.02784	18	-0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.5176	0.02340	2.5435	0.05307	0.02784	18	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0868	2.5238	0.00040	2.5435	0.05307	0.02784	18	-0.37	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.5350	0.01000	2.5435	0.05307	0.02784	18	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.5400	0.08000	2.5435	0.05307	0.02784	18	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.5450	0.01000	2.5435	0.05307	0.02784	18	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.5450	0.07000	2.5435	0.05307	0.02784	18	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.5545	0.00900	2.5435	0.05307	0.02784	18	0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.5590	0.01000	2.5435	0.05307	0.02784	18	0.29	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.5770	0.00800	2.5435	0.05307	0.02784	18	0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.6097	0.02210	2.5435	0.05307	0.02784	18	1.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	2.6100	0.00000	2.5435	0.05307	0.02784	18	1.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.7077	0.03530	2.5435	0.05307	0.02784	18	3.09	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.7750	0.01000	2.5435	0.05307	0.02784	18	4.36	5%	0
122.01	Aspartic, Pre-col OPA Der (%)	0297	2.2040	0.03000			0.03000	1			0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.2950	0.03000			0.04200	2	-0.71	2%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.5350	0.05400			0.04200	2	0.71	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	2.5350	0.19000	2.6038	0.09328	0.09500	3	-0.74	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.5665	0.09500	2.6038	0.09328	0.09500	3	-0.40	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.7100	0.00000	2.6038	0.09328	0.09500	3	1.14	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.33500	0.01000	0.39786	0.02725	0.00983	18	-2.31	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.37000	0.00000	0.39786	0.02725	0.00983	18	-1.02	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.37000	0.02000	0.39786	0.02725	0.00983	18	-1.02	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.37000	0.02000	0.39786	0.02725	0.00983	18	-1.02	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.38400	0.00200	0.39786	0.02725	0.00983	18	-0.51	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.38515	0.00250	0.39786	0.02725	0.00983	18	-0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.38550	0.00100	0.39786	0.02725	0.00983	18	-0.45	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2022	0.39000	0.02000	0.39786	0.02725	0.00983	18	-0.29	1%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.39175	0.01030	0.39786	0.02725	0.00983	18	-0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.39850	0.00300	0.39786	0.02725	0.00983	18	0.02	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.40250	0.00500	0.39786	0.02725	0.00983	18	0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.40550	0.01100	0.39786	0.02725	0.00983	18	0.28	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.41150	0.00100	0.39786	0.02725	0.00983	18	0.50	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0868	0.41785	0.00690	0.39786	0.02725	0.00983	18	0.73	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.42000	0.02000	0.39786	0.02725	0.00983	18	0.81	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.42500	0.01000	0.39786	0.02725	0.00983	18	1.00	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.44990	0.02020	0.39786	0.02725	0.00983	18	1.91	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.46800	0.01400	0.39786	0.02725	0.00983	18	2.57	9%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.35500	0.00400			0.00400	1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.41000	0.02000			0.01100	2	-0.71	0%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.41100	0.00200			0.01100	2	0.71	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.38500	0.03000			0.02000	2	-0.71	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.42500	0.01000			0.02000	2	0.71	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.4255	0.03500	4.6546	0.12464	0.05742	18	-1.84	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.5055	0.04900	4.6546	0.12464	0.05742	18	-1.20	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.5150	0.05000	4.6546	0.12464	0.05742	18	-1.12	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.5450	0.07000	4.6546	0.12464	0.05742	18	-0.88	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.5815	0.05500	4.6546	0.12464	0.05742	18	-0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	4.5850	0.17000	4.6546	0.12464	0.05742	18	-0.56	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.5890	0.03000	4.6546	0.12464	0.05742	18	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	4.6200	0.02000	4.6546	0.12464	0.05742	18	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.6706	0.03830	4.6546	0.12464	0.05742	18	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	4.6847	0.02540	4.6546	0.12464	0.05742	18	0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0868	4.6864	0.01530	4.6546	0.12464	0.05742	18	0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.6950	0.01000	4.6546	0.12464	0.05742	18	0.32	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.7050	0.03400	4.6546	0.12464	0.05742	18	0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.7220	0.00000	4.6546	0.12464	0.05742	18	0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.7350	0.21000	4.6546	0.12464	0.05742	18	0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.7842	0.06160	4.6546	0.12464	0.05742	18	1.04	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	4.8500	0.02000	4.6546	0.12464	0.05742	18	1.57	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	5.0600	0.14000	4.6546	0.12464	0.05742	18	3.25	4%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	4.5550	0.03000			0.03000	1			0
125.02	Glutamic, Post-col OPA Der (%)	2023	4.3650	0.09000			0.10150	2	-0.71	2%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.6425	0.11300			0.10150	2	0.71	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	4.3250	0.23000	4.5717	0.24750	0.09867	3	-1.00	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.5700	0.02600	4.5717	0.24750	0.09867	3	-0.01	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.8200	0.04000	4.5717	0.24750	0.09867	3	1.00	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.0650	0.03000	1.1088	0.02290	0.00837	17	-1.91	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.0820	0.00200	1.1088	0.02290	0.00837	17	-1.17	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.0855	0.01300	1.1088	0.02290	0.00837	17	-1.02	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			
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.0895	0.00900	1.1088	0.02290	0.00837	17	-0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.0950	0.01000	1.1088	0.02290	0.00837	17	-0.60	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.0950	0.01000	1.1088	0.02290	0.00837	17	-0.60	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.0995	0.01500	1.1088	0.02290	0.00837	17	-0.41	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.1018	0.01490	1.1088	0.02290	0.00837	17	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.1148	0.01420	1.1088	0.02290	0.00837	17	0.26	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.1169	0.00280	1.1088	0.02290	0.00837	17	0.35	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.1200	0.00000	1.1088	0.02290	0.00837	17	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.1200	0.00000	1.1088	0.02290	0.00837	17	0.49	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.1205	0.00500	1.1088	0.02290	0.00837	17	0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0868	1.1216	0.00340	1.1088	0.02290	0.00837	17	0.56	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.1350	0.01000	1.1088	0.02290	0.00837	17	1.14	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.1385	0.00300	1.1088	0.02290	0.00837	17	1.30	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	1.1400	0.00000	1.1088	0.02290	0.00837	17	1.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.0900	0.04000	1.1088	0.02290	0.00837	17	-0.82	1%	1
126.01	Glycine, Pre-col OPA Der (%)	0297	1.0255	0.02500			0.02500	1			0
126.02	Glycine, Post-col OPA Der (%)	2023	1.0650	0.01000			0.00750	2	-0.71	2%	0
126.02	Glycine, Post-col OPA Der (%)	0098	1.1425	0.00500			0.00750	2	0.71	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	1.0750	0.07000	1.1158	0.05625	0.03367	3	-0.73	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.0925	0.01100	1.1158	0.05625	0.03367	3	-0.41	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.1800	0.02000	1.1158	0.05625	0.03367	3	1.14	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.59000	0.00000	0.64978	0.01871	0.01118	18	-3.20	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.61550	0.01100	0.64978	0.01871	0.01118	18	-1.83	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.62150	0.00500	0.64978	0.01871	0.01118	18	-1.51	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.63900	0.00600	0.64978	0.01871	0.01118	18	-0.58	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.64000	0.02000	0.64978	0.01871	0.01118	18	-0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.64000	0.00000	0.64978	0.01871	0.01118	18	-0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.64000	0.04000	0.64978	0.01871	0.01118	18	-0.52	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.64600	0.00800	0.64978	0.01871	0.01118	18	-0.20	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.64700	0.00200	0.64978	0.01871	0.01118	18	-0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	0.65000	0.04000	0.64978	0.01871	0.01118	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.65130	0.01000	0.64978	0.01871	0.01118	18	0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.65850	0.00300	0.64978	0.01871	0.01118	18	0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.66000	0.00000	0.64978	0.01871	0.01118	18	0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.66410	0.00980	0.64978	0.01871	0.01118	18	0.77	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0868	0.66905	0.00650	0.64978	0.01871	0.01118	18	1.03	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.67500	0.01000	0.64978	0.01871	0.01118	18	1.35	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.69400	0.00800	0.64978	0.01871	0.01118	18	2.36	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.69890	0.02200	0.64978	0.01871	0.01118	18	2.63	4%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.52400	0.05400			0.05400	1			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.57500	0.01000			0.00950	2	-0.71	4%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.66250	0.00900			0.00950	2	0.71	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			
127.05	Histidine, Pre-col AQC Der (%)	0626	0.65900	0.00600	0.65950	0.00071	0.02200	3	-0.59	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.66000	0.04000	0.65950	0.00071	0.02200	3	-0.56	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.72000	0.02000	0.65950	0.00071	0.02200	3	1.15	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.94100	0.01800	1.0329	0.03336	0.01780	18	-2.75	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.94500	0.01000	1.0329	0.03336	0.01780	18	-2.63	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.98500	0.03000	1.0329	0.03336	0.01780	18	-1.43	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.0050	0.03000	1.0329	0.03336	0.01780	18	-0.84	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.0085	0.00900	1.0329	0.03336	0.01780	18	-0.73	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	1.0150	0.01000	1.0329	0.03336	0.01780	18	-0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.0250	0.03000	1.0329	0.03336	0.01780	18	-0.24	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.0270	0.05580	1.0329	0.03336	0.01780	18	-0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.0340	0.00800	1.0329	0.03336	0.01780	18	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.0425	0.01500	1.0329	0.03336	0.01780	18	0.29	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.0435	0.01300	1.0329	0.03336	0.01780	18	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.0480	0.00800	1.0329	0.03336	0.01780	18	0.45	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.0480	0.00800	1.0329	0.03336	0.01780	18	0.45	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.0500	0.00000	1.0329	0.03336	0.01780	18	0.51	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0868	1.0604	0.00020	1.0329	0.03336	0.01780	18	0.83	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.0673	0.00650	1.0329	0.03336	0.01780	18	1.03	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.0741	0.02890	1.0329	0.03336	0.01780	18	1.23	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.0800	0.04000	1.0329	0.03336	0.01780	18	1.41	2%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	1.0315	0.00500			0.00500	1			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	0.91500	0.01000			0.01100	2	-0.71	4%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.0780	0.01200			0.01100	2	0.71	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	1.0100	0.10000	1.0965	0.05445	0.03933	3	-0.91	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.0580	0.00800	1.0965	0.05445	0.03933	3	-0.15	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.1350	0.01000	1.0965	0.05445	0.03933	3	1.07	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.8636	0.02740	1.9324	0.03560	0.02399	18	-1.93	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.8850	0.05000	1.9324	0.03560	0.02399	18	-1.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.8950	0.01000	1.9324	0.03560	0.02399	18	-1.05	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.9000	0.06000	1.9324	0.03560	0.02399	18	-0.91	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.9100	0.06000	1.9324	0.03560	0.02399	18	-0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.9200	0.00000	1.9324	0.03560	0.02399	18	-0.35	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.9205	0.00300	1.9324	0.03560	0.02399	18	-0.33	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.9300	0.04000	1.9324	0.03560	0.02399	18	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.9310	0.00400	1.9324	0.03560	0.02399	18	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.9310	0.00800	1.9324	0.03560	0.02399	18	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.9335	0.04500	1.9324	0.03560	0.02399	18	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.9431	0.00110	1.9324	0.03560	0.02399	18	0.30	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.9495	0.00900	1.9324	0.03560	0.02399	18	0.48	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.9565	0.02700	1.9324	0.03560	0.02399	18	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0868	1.9640	0.00560	1.9324	0.03560	0.02399	18	0.89	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			
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	1.9700	0.04000	1.9324	0.03560	0.02399	18	1.06	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.9824	0.03170	1.9324	0.03560	0.02399	18	1.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.9850	0.01000	1.9324	0.03560	0.02399	18	1.48	1%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.8835	0.00900			0.00900	1			0
129.02	Leucine, Post-col OPA Der (%)	2023	1.8200	0.02000			0.02500	2	-0.71	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.9850	0.03000			0.02500	2	0.71	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.7900	0.12000	1.9245	0.12608	0.05633	3	-1.07	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.9435	0.00900	1.9245	0.12608	0.05633	3	0.15	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.0400	0.04000	1.9245	0.12608	0.05633	3	0.92	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0860	1.3900	0.04000	1.4519	0.03647	0.01878	19	-1.70	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.4000	0.04000	1.4519	0.03647	0.01878	19	-1.42	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.4015	0.02900	1.4519	0.03647	0.01878	19	-1.38	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.4050	0.05000	1.4519	0.03647	0.01878	19	-1.29	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.4310	0.00000	1.4519	0.03647	0.01878	19	-0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.4370	0.03000	1.4519	0.03647	0.01878	19	-0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.4445	0.00300	1.4519	0.03647	0.01878	19	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.4450	0.01000	1.4519	0.03647	0.01878	19	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.4450	0.03000	1.4519	0.03647	0.01878	19	-0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.4497	0.01720	1.4519	0.03647	0.01878	19	-0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.4550	0.01000	1.4519	0.03647	0.01878	19	0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.4650	0.00800	1.4519	0.03647	0.01878	19	0.36	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.4660	0.00400	1.4519	0.03647	0.01878	19	0.39	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.4700	0.02000	1.4519	0.03647	0.01878	19	0.50	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2022	1.4800	0.04000	1.4519	0.03647	0.01878	19	0.77	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.5075	0.01360	1.4519	0.03647	0.01878	19	1.52	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.5087	0.00860	1.4519	0.03647	0.01878	19	1.56	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0868	1.5110	0.00340	1.4519	0.03647	0.01878	19	1.62	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.5500	0.00000	1.4519	0.03647	0.01878	19	2.69	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.4200	0.16000	1.4519	0.03647	0.01878	19	-0.87	1%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	1.4160	0.00200			0.02100	2	-0.71	2%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0035	1.5100	0.04000			0.02100	2	0.71	2%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.5415	0.03700			0.03350	2	-0.71	0%	0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.5450	0.03000			0.03350	2	0.71	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	1.3750	0.09000	1.4976	0.10950	0.04217	6	-1.12	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.3940	0.01000	1.4976	0.10950	0.04217	6	-0.95	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.5050	0.05000	1.4976	0.10950	0.04217	6	0.07	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.5200	0.04000	1.4976	0.10950	0.04217	6	0.20	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.5730	0.00000	1.4976	0.10950	0.04217	6	0.69	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	1.6185	0.06300	1.4976	0.10950	0.04217	6	1.10	4%	0
130.99	L-Lysine, Miscellaneous (%)	0208	1.3800	0.02000	1.6646	0.46288	0.06870	3	-0.61	9%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.4150	0.07000	1.6646	0.46288	0.06870	3	-0.54	7%	0
130.99	L-Lysine, Miscellaneous (%)	0563	2.1987	0.11610	1.6646	0.46288	0.06870	3	1.15	16%	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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.33500	0.01000	0.39015	0.02638	0.00661	18	-2.09	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.35500	0.01000	0.39015	0.02638	0.00661	18	-1.33	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.36500	0.01000	0.39015	0.02638	0.00661	18	-0.95	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.36750	0.00100	0.39015	0.02638	0.00661	18	-0.86	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.36850	0.00500	0.39015	0.02638	0.00661	18	-0.82	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.37400	0.00240	0.39015	0.02638	0.00661	18	-0.61	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.38000	0.00000	0.39015	0.02638	0.00661	18	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.38750	0.00700	0.39015	0.02638	0.00661	18	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.39000	0.00000	0.39015	0.02638	0.00661	18	-0.01	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.39100	0.00200	0.39015	0.02638	0.00661	18	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.40000	0.02000	0.39015	0.02638	0.00661	18	0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.40160	0.01520	0.39015	0.02638	0.00661	18	0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.40800	0.01000	0.39015	0.02638	0.00661	18	0.68	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.41000	0.00000	0.39015	0.02638	0.00661	18	0.75	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.41150	0.00900	0.39015	0.02638	0.00661	18	0.81	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.41160	0.01160	0.39015	0.02638	0.00661	18	0.81	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0868	0.42125	0.00170	0.39015	0.02638	0.00661	18	1.18	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.43500	0.00400	0.39015	0.02638	0.00661	18	1.70	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.37000	0.04000	0.39015	0.02638	0.00661	18	-0.76	3%	1
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.36500	0.00600			0.00600	1			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.31500	0.01000			0.01200	2	-0.71	5%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.39000	0.01400			0.01200	2	0.71	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.32500	0.01000	0.35850	0.03628	0.03250	4	-0.92	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.34700	0.05400	0.35850	0.03628	0.03250	4	-0.32	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.35200	0.06600	0.35850	0.03628	0.03250	4	-0.18	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.41000	0.00000	0.35850	0.03628	0.03250	4	1.42	7%	0
131.99	Methionine, Miscellaneous (%)	0563	0.43075	0.02610			0.02610	1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.1650	0.01000	1.2045	0.02796	0.01531	18	-1.41	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.1750	0.02110	1.2045	0.02796	0.01531	18	-1.06	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.1754	0.04220	1.2045	0.02796	0.01531	18	-1.04	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.1800	0.02000	1.2045	0.02796	0.01531	18	-0.87	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.1800	0.00000	1.2045	0.02796	0.01531	18	-0.87	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.1850	0.01000	1.2045	0.02796	0.01531	18	-0.70	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.1975	0.00300	1.2045	0.02796	0.01531	18	-0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.2025	0.01100	1.2045	0.02796	0.01531	18	-0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0868	1.2036	0.01170	1.2045	0.02796	0.01531	18	-0.03	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.2100	0.00000	1.2045	0.02796	0.01531	18	0.20	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.2100	0.01400	1.2045	0.02796	0.01531	18	0.20	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.2100	0.04000	1.2045	0.02796	0.01531	18	0.20	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.2120	0.01400	1.2045	0.02796	0.01531	18	0.27	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.2155	0.01650	1.2045	0.02796	0.01531	18	0.39	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.2300	0.00000	1.2045	0.02796	0.01531	18	0.91	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			
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.2360	0.01200	1.2045	0.02796	0.01531	18	1.13	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	1.2500	0.04000	1.2045	0.02796	0.01531	18	1.63	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.2550	0.01000	1.2045	0.02796	0.01531	18	1.81	2%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	1.1955	0.01100			0.01100	1			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.1150	0.03000			0.02050	2	-0.71	2%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.2245	0.01100			0.02050	2	0.71	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	1.1500	0.08000	1.2107	0.05437	0.03267	3	-1.12	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.2270	0.00800	1.2107	0.05437	0.03267	3	0.30	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.2550	0.01000	1.2107	0.05437	0.03267	3	0.82	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.3400	0.10000	1.4328	0.04481	0.02821	17	-2.07	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.3650	0.05000	1.4328	0.04481	0.02821	17	-1.51	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.3970	0.00200	1.4328	0.04481	0.02821	17	-0.80	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.3999	0.01050	1.4328	0.04481	0.02821	17	-0.73	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.4095	0.00500	1.4328	0.04481	0.02821	17	-0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.4100	0.00400	1.4328	0.04481	0.02821	17	-0.51	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.4170	0.00200	1.4328	0.04481	0.02821	17	-0.35	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.4250	0.09000	1.4328	0.04481	0.02821	17	-0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.4315	0.04500	1.4328	0.04481	0.02821	17	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.4395	0.00900	1.4328	0.04481	0.02821	17	0.15	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.4400	0.00000	1.4328	0.04481	0.02821	17	0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.4457	0.08480	1.4328	0.04481	0.02821	17	0.29	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0868	1.4601	0.01730	1.4328	0.04481	0.02821	17	0.61	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.4760	0.02000	1.4328	0.04481	0.02821	17	0.96	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.4800	0.00000	1.4328	0.04481	0.02821	17	1.05	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.5000	0.04000	1.4328	0.04481	0.02821	17	1.50	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.5200	0.00000	1.4328	0.04481	0.02821	17	1.95	3%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.4100	0.02000	1.4708	0.06002	0.02700	3	-1.01	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.4725	0.02100	1.4708	0.06002	0.02700	3	0.03	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.5300	0.04000	1.4708	0.06002	0.02700	3	0.99	2%	0
133.99	Proline, Miscellaneous (%)	2023	1.5300	0.00000			0.00000	1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.1050	0.07000	1.2360	0.04603	0.02030	17	-2.85	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.1870	0.00600	1.2360	0.04603	0.02030	17	-1.06	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.1900	0.00600	1.2360	0.04603	0.02030	17	-1.00	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.1995	0.04680	1.2360	0.04603	0.02030	17	-0.79	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.2115	0.03300	1.2360	0.04603	0.02030	17	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.2150	0.03000	1.2360	0.04603	0.02030	17	-0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.2195	0.00500	1.2360	0.04603	0.02030	17	-0.36	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.2201	0.02610	1.2360	0.04603	0.02030	17	-0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.2250	0.05000	1.2360	0.04603	0.02030	17	-0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.2400	0.00000	1.2360	0.04603	0.02030	17	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.2450	0.00400	1.2360	0.04603	0.02030	17	0.20	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.2550	0.03000	1.2360	0.04603	0.02030	17	0.41	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			
134.00	Serine, Post-col Ninhydrin Der (%)	0868	1.2702	0.00520	1.2360	0.04603	0.02030	17	0.74	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	1.2950	0.01000	1.2360	0.04603	0.02030	17	1.28	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.3035	0.00300	1.2360	0.04603	0.02030	17	1.47	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.3150	0.01000	1.2360	0.04603	0.02030	17	1.72	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.3550	0.01000	1.2360	0.04603	0.02030	17	2.59	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.1535	0.17670	1.2360	0.04603	0.02030	17	-1.79	3%	1
134.01	Serine, Pre-col OPA Der (%)	0297	1.2120	0.00600			0.00600	1			0
134.02	Serine, Post-col OPA Der (%)	2023	1.1350	0.01000			0.02500	2	-0.71	1%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.1820	0.04000			0.02500	2	0.71	1%	0
134.05	Serine, Pre-col AQC Der (%)	0939	1.1750	0.01000	1.2067	0.02754	0.00533	3	-1.15	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.2200	0.00000	1.2067	0.02754	0.00533	3	0.48	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.2250	0.00600	1.2067	0.02754	0.00533	3	0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0848	0.83000	0.00000	0.94474	0.02610	0.01187	19	-4.40	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.91150	0.00900	0.94474	0.02610	0.01187	19	-1.27	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.91500	0.01000	0.94474	0.02610	0.01187	19	-1.14	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.91980	0.01260	0.94474	0.02610	0.01187	19	-0.96	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.92500	0.01000	0.94474	0.02610	0.01187	19	-0.76	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.93470	0.00960	0.94474	0.02610	0.01187	19	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.93650	0.00900	0.94474	0.02610	0.01187	19	-0.32	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0860	0.93800	0.04000	0.94474	0.02610	0.01187	19	-0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.94050	0.00300	0.94474	0.02610	0.01187	19	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.94474	0.02610	0.01187	19	0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.94500	0.01000	0.94474	0.02610	0.01187	19	0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.94850	0.00500	0.94474	0.02610	0.01187	19	0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.95000	0.04000	0.94474	0.02610	0.01187	19	0.20	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.95500	0.01000	0.94474	0.02610	0.01187	19	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0868	0.96090	0.01140	0.94474	0.02610	0.01187	19	0.62	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.97400	0.00600	0.94474	0.02610	0.01187	19	1.12	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.99700	0.02000	0.94474	0.02610	0.01187	19	2.00	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.0250	0.01000	0.94474	0.02610	0.01187	19	3.07	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	1.0500	0.00000	0.94474	0.02610	0.01187	19	4.03	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.99650	0.08820	0.94474	0.02610	0.01187	19	1.98	3%	1
135.01	Threonine, Pre-col OPA Der (%)	0297	0.92500	0.02000			0.02000	1			0
135.02	Threonine, Post-col OPA Der (%)	2023	0.86500	0.01000			0.01300	2	-0.71	2%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.95200	0.01600			0.01300	2	0.71	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.91800	0.01000	0.95575	0.04478	0.01000	4	-0.84	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.92000	0.00000	0.95575	0.04478	0.01000	4	-0.80	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.97500	0.03000	0.95575	0.04478	0.01000	4	0.43	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.0100	0.00000	0.95575	0.04478	0.01000	4	1.21	3%	0
135.99	Threonine, Miscellaneous (%)	0563	1.2242	0.18360			0.18360	1			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.27730	0.01020	0.33942	0.04079	0.01356	5	-1.52	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.32170	0.01960	0.33942	0.04079	0.01356	5	-0.43	3%	0

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136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.35110	0.01000	0.33942	0.04079	0.01356	5	0.29	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.37000	0.02000	0.33942	0.04079	0.01356	5	0.75	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.37700	0.00800	0.33942	0.04079	0.01356	5	0.92	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0868	0.32300	0.00000	0.34838	0.01720	0.00175	4	-1.48	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.35250	0.00300	0.34838	0.01720	0.00175	4	0.24	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.35850	0.00300	0.34838	0.01720	0.00175	4	0.59	1%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.35950	0.00100	0.34838	0.01720	0.00175	4	0.65	2%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.27500	0.01000			0.00750	2	-0.71	6%	0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.34550	0.00500			0.00750	2	0.71	6%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0619	0.31050	0.00700	0.32925	0.01802	0.00300	4	-1.04	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.32100	0.00200	0.32925	0.01802	0.00300	4	-0.46	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.33300	0.00200	0.32925	0.01802	0.00300	4	0.21	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.35250	0.00100	0.32925	0.01802	0.00300	4	1.29	4%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.30000	0.02000			0.02000	1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.51605	0.01730	0.81154	0.06672	0.01850	12	-4.43	18%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.70500	0.05000	0.81154	0.06672	0.01850	12	-1.60	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.77000	0.02000	0.81154	0.06672	0.01850	12	-0.62	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.78050	0.00100	0.81154	0.06672	0.01850	12	-0.47	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.79500	0.03000	0.81154	0.06672	0.01850	12	-0.25	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.80400	0.01400	0.81154	0.06672	0.01850	12	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.80850	0.01300	0.81154	0.06672	0.01850	12	-0.05	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.82500	0.01000	0.81154	0.06672	0.01850	12	0.20	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.84550	0.01100	0.81154	0.06672	0.01850	12	0.51	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.88500	0.01000	0.81154	0.06672	0.01850	12	1.10	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.89700	0.00800	0.81154	0.06672	0.01850	12	1.28	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.90465	0.03770	0.81154	0.06672	0.01850	12	1.40	6%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.80100	0.00200			0.00200	1			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.71000	0.02000			0.01900	2	-0.71	4%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.83100	0.01800			0.01900	2	0.71	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.78000	0.00000	0.93917	0.16956	0.01767	3	-0.94	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.92000	0.02000	0.93917	0.16956	0.01767	3	-0.11	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.1175	0.03300	0.93917	0.16956	0.01767	3	1.05	9%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.0250	0.01000	1.1601	0.05058	0.02034	18	-2.67	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.0850	0.01000	1.1601	0.05058	0.02034	18	-1.49	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.1100	0.02000	1.1601	0.05058	0.02034	18	-0.99	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.1125	0.01100	1.1601	0.05058	0.02034	18	-0.94	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.1250	0.05000	1.1601	0.05058	0.02034	18	-0.69	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.1300	0.02000	1.1601	0.05058	0.02034	18	-0.60	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.1390	0.03200	1.1601	0.05058	0.02034	18	-0.42	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	1.1400	0.02000	1.1601	0.05058	0.02034	18	-0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.1685	0.02100	1.1601	0.05058	0.02034	18	0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.1705	0.01500	1.1601	0.05058	0.02034	18	0.21	0%	0

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138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.1800	0.00000	1.1601	0.05058	0.02034	18	0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.1920	0.00600	1.1601	0.05058	0.02034	18	0.63	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.1940	0.00200	1.1601	0.05058	0.02034	18	0.67	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0868	1.1996	0.01180	1.1601	0.05058	0.02034	18	0.78	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.2046	0.01060	1.1601	0.05058	0.02034	18	0.88	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.2089	0.02030	1.1601	0.05058	0.02034	18	0.96	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.2100	0.04000	1.1601	0.05058	0.02034	18	0.99	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.2244	0.06640	1.1601	0.05058	0.02034	18	1.27	3%	0
138.01	Valine, Pre-col OPA Der (%)	0297	1.2505	0.00100			0.00100	1			0
138.02	Valine, Post-col OPA Der (%)	2023	0.99500	0.01000			0.01400	2	-0.71	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	1.2160	0.01800			0.01400	2	0.71	5%	0
138.05	Valine, Pre-col AQC Der (%)	0939	1.1850	0.13000	1.2603	0.07759	0.05400	3	-0.97	3%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.2560	0.01200	1.2603	0.07759	0.05400	3	-0.06	0%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.3400	0.02000	1.2603	0.07759	0.05400	3	1.03	3%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.01500	0.01000			0.02500	2	-0.71	38%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.11000	0.04000			0.02500	2	0.71	38%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000			0.00000	0			4
140.01	Lysine Free, LC-PCD (%)	0859	0.12150	0.00100			0.00100	1			0
160.99	Fructose, Miscellaneous (%)	0297	0.17900	0.01600	0.26633	0.08334	0.01867	3	-1.05	16%	0
160.99	Fructose, Miscellaneous (%)	0148	0.27500	0.03000	0.26633	0.08334	0.01867	3	0.10	2%	0
160.99	Fructose, Miscellaneous (%)	0227	0.34500	0.01000	0.26633	0.08334	0.01867	3	0.94	15%	0
160.99	Fructose, Miscellaneous (%)	0199	0.00000	0.00000	0.26633	0.08334	0.01867	3	-3.20	50%	4
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000			0.00000	0			4
162.99	Glucose, Miscellaneous (%)	0148	0.10000	0.02000	0.32330	0.27702	0.10980	5	-0.81	35%	0
162.99	Glucose, Miscellaneous (%)	0297	0.11500	0.01400	0.32330	0.27702	0.10980	5	-0.75	32%	0
162.99	Glucose, Miscellaneous (%)	0227	0.20000	0.00000	0.32330	0.27702	0.10980	5	-0.45	19%	0
162.99	Glucose, Miscellaneous (%)	2004	0.45150	0.51500	0.32330	0.27702	0.10980	5	0.46	20%	0
162.99	Glucose, Miscellaneous (%)	0629	0.75000	0.00000	0.32330	0.27702	0.10980	5	1.54	66%	0
162.99	Glucose, Miscellaneous (%)	0199	0.00000	0.00000	0.32330	0.27702	0.10980	5	-1.17	50%	4
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0199	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2004	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0148	0.12000	0.02000	0.45763	0.40849	0.08625	4	-0.83	37%	0
164.99	Maltose, Miscellaneous (%)	0227	0.29000	0.00000	0.45763	0.40849	0.08625	4	-0.41	18%	0
164.99	Maltose, Miscellaneous (%)	2004	0.37050	0.32500	0.45763	0.40849	0.08625	4	-0.21	10%	0
164.99	Maltose, Miscellaneous (%)	0629	1.0500	0.00000	0.45763	0.40849	0.08625	4	1.45	65%	0
164.99	Maltose, Miscellaneous (%)	0199	0.00000	0.00000	0.45763	0.40849	0.08625	4	-1.12	50%	4
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000	0.45763	0.40849	0.08625	4	-1.12	50%	4
165.99	Sucrose, Miscellaneous (%)	2004	2.7900	0.04000	3.3285	0.27111	0.05267	6	-1.99	8%	0
165.99	Sucrose, Miscellaneous (%)	0199	3.2000	0.00000	3.3285	0.27111	0.05267	6	-0.47	2%	0
165.99	Sucrose, Miscellaneous (%)	0148	3.2050	0.09000	3.3285	0.27111	0.05267	6	-0.46	2%	0

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165.99	Sucrose, Miscellaneous (%)	0629	3.4500	0.00000	3.3285	0.27111	0.05267	6	0.45	2%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.5100	0.16000	3.3285	0.27111	0.05267	6	0.67	3%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.6230	0.02600	3.3285	0.27111	0.05267	6	1.09	4%	0
166.99	Raffinose, Miscellaneous (%)	0297	0.88000	0.02000			0.02000	1			0
167.99	Stachyose, Miscellaneous (%)	0297	2.1825	0.06500			0.06500	1			0
361.02	Lasalocid sodium, residual, LC (µg / kg (ppb))	0027	1,346.0	125.70			79.400	2	-0.71	6%	0
361.02	Lasalocid sodium, residual, LC (µg / kg (ppb))	0964	1,692.1	33.100			79.400	2	0.71	6%	0
361.03	Lasalocid sodium, residual, LC-MS (µg / kg (ppb))	2053	1.3750	0.05000			0.05000	1			0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0218	1,310.0	80.000			95.000	2	-0.71	7%	0
361.04	Lasalocid sodium, residual, LC-MS/MS (µg / kg (p	0610	1,755.0	110.00			95.000	2	0.71	7%	0
365.03	Monensin, residual, LC-PCD (µg / kg (ppb))	0964	653.30	58.200			58.200	1			0
365.04	Monensin, residual, LC-MS (µg / kg (ppb))	2053	0.96100	0.05000			0.05000	1			0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0218	886.50	29.000			74.500	2	-0.71	6%	0
365.05	Monensin, residual, LC-MS/MS (µg / kg (ppb))	0610	1,110.0	120.00			74.500	2	0.71	6%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.48000	0.00000	0.49503	0.02125	0.00483	3	-0.76	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.48600	0.01400	0.49503	0.02125	0.00483	3	-0.38	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.51005	0.00050	0.49503	0.02125	0.00483	3	1.13	2%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.46550	0.00500			0.00500	1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.33500	0.01000			0.01000	1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0964	0.50985	0.10950			0.10950	1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0555	0.35500	0.03000			0.03000	1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.20500	0.01000	0.35911	0.06382	0.02226	7	-2.41	21%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0413	0.31990	0.00060	0.35911	0.06382	0.02226	7	-0.61	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.35000	0.00400	0.35911	0.06382	0.02226	7	-0.14	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.35945	0.02170	0.35911	0.06382	0.02226	7	0.01	0%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.36300	0.01000	0.35911	0.06382	0.02226	7	0.06	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0168	0.40255	0.03450	0.35911	0.06382	0.02226	7	0.68	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.54550	0.07500	0.35911	0.06382	0.02226	7	2.92	26%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.05500	0.01000			0.00500	2	-0.71	15%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0968	0.10000	0.00000			0.00500	2	0.71	15%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0964	0.08550	0.01960			0.00980	2	-0.71	6%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.11000	0.00000			0.00980	2	0.71	6%	0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000			0.00980	2	-5.64	50%	4
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.00000	0.00000			0.00000	0			4
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.05000	0.00000	0.07389	0.00723	0.00295	6	-3.30	16%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0413	0.06995	0.00010	0.07389	0.00723	0.00295	6	-0.54	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.07250	0.00100	0.07389	0.00723	0.00295	6	-0.19	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.07600	0.00600	0.07389	0.00723	0.00295	6	0.29	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.07900	0.00540	0.07389	0.00723	0.00295	6	0.71	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08170	0.00520	0.07389	0.00723	0.00295	6	1.08	5%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	19.550	0.30000			0.47300	2	-0.71	0%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0011	19.563	0.64600			0.47300	2	0.71	0%	0

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520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	20.200	0.06000	22.872	2.5347	0.86075	4	-1.05	6%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	2012	22.310	0.38000	22.872	2.5347	0.86075	4	-0.22	1%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	22.673	2.3330	22.872	2.5347	0.86075	4	-0.08	0%	0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0508	26.304	0.67000	22.872	2.5347	0.86075	4	1.35	8%	0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	12.300	1.4000			1.4000	1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	20.527	1.5280	21.542	0.90176	1.4427	3	-1.13	2%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	21.850	0.70000	21.542	0.90176	1.4427	3	0.34	1%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	22.250	2.1000	21.542	0.90176	1.4427	3	0.78	2%	0
520.99	Chromium, Miscellaneous (mg / kg (ppm))	0968	19.896	0.71000			0.71000	1			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0921	0.05300	0.00400			0.00400	1			0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0021	0.00000	0.00000			0.00000	0			4
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.00000	0.00000			0.00000	0			4
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.33205	0.06570				1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0425	0.00000	0.00000				1			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.19000	0.06000			0.06000	1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.22000	0.00000	0.25745	0.03828	0.02121	7	-0.98	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.23050	0.05300	0.25745	0.03828	0.02121	7	-0.70	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.23100	0.03200	0.25745	0.03828	0.02121	7	-0.69	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.25450	0.01100	0.25745	0.03828	0.02121	7	-0.08	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.26305	0.00250	0.25745	0.03828	0.02121	7	0.15	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0168	0.29520	0.01700	0.25745	0.03828	0.02121	7	0.99	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0413	0.31150	0.03300	0.25745	0.03828	0.02121	7	1.41	10%	0
529.00	Mercury, Cold vapor (µg / kg (ppb))	0425	0.00000	0.00000			0.00000	0			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0918	3.0000	0.00000				1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0021	0.00000	0.00000				1			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	0.00000	0.00000				1			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000				1			4
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0555	0.00000	0.00000				1			4
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0011	3.6468	0.00450			0.10225	2	-0.71	2%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	4.0000	0.20000			0.10225	2	0.71	2%	0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	4.6629	0.41050			0.41050	1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.4500	1.3000			1.3000	1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	3.9650	0.27000	4.0604	0.08454	0.45067	3	-1.13	1%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	4.0900	0.76000	4.0604	0.08454	0.45067	3	0.35	0%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	4.1261	0.32200	4.0604	0.08454	0.45067	3	0.78	1%	0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0723	1.0400	0.00000							0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	2006	1.4500	0.30000							0
600.01	Total Aflatoxin, Neogen Veratox Aflatoxin (µg / kg)	0028	2.6500	0.70000							0
600.11	Total Aflatoxin, r-Biopharm Ridascreen Afl total (µg / kg)	1019	2.0000	0.00000							0
600.20	Total Aflatoxin, LC (µg / kg (ppb))	0042	0.00000	0.00000							4
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg)	0689	850.00	100.00							0
610.01	Deoxynivalenol, Neogen Veratox for DON (µg / kg)	0028	1,350.0	100.00							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			
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.00450	0.00100				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0353	0.00000	0.00000				1			4
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0353	0.12500	0.01000			0.01000	1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0353	13.560	0.32000			0.32000	1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.00600	0.00000			0.00500	2	-0.71	48%	0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0353	0.28500	0.01000			0.00500	2	0.71	48%	0
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0353	0.05000	0.00000			0.00000	1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0353	3.5050	0.09000			0.09000	1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0353	19.365	0.27000			0.27000	1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	3.5265	0.01100			0.04550	2	-0.71	43%	0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0353	49.890	0.08000			0.04550	2	0.71	43%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0676	0.50000	0.00200			0.00200	1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0353	0.38000	0.02000			0.02000	1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.00100	0.00000			0.00000	1			0
738.99	Mead Acid (11c,14c,17c-20:3), Miscellaneous (% (w/w))	0353	0.10500	0.03000			0.03000	1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0353	0.00000	0.00000				0			4
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.00000	0.00000				0			4
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.00100	0.00000			0.00000	1			0
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6)	0353	0.00000	0.00000				0			4
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6)	0676	0.00000	0.00000				0			4
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0353	0.00000	0.00000			0.00000	0			4
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0946	0.30000	0.00000	4.0625	5.3210	0.68333	3	-1.13	47%	0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0941	6.2500	1.9200	4.0625	5.3210	0.68333	3	0.37	15%	0
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0921	7.8250	0.13000	4.0625	5.3210	0.68333	3	0.76	32%	0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0610	0.53500	0.03000			0.03000	1			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0939	0.41170	0.00340			0.00170	2	-0.71	5%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by	0676	0.50000	0.00000			0.00170	2	0.71	5%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0946	2.1900	0.00000	27.595	35.928	2.3900	3	-1.15	47%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0941	50.375	6.9100	27.595	35.928	2.3900	3	0.53	22%	0
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0921	53.000	0.26000	27.595	35.928	2.3900	3	0.62	25%	0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0610	3.9850	0.31000			0.31000	1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0939	2.8684	0.03660			0.02330	2	-0.71	5%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by	0676	3.5350	0.01000			0.02330	2	0.71	5%	0
758.01	Total Saturated Fatty Acids, Direct Methylation by	0921	18.665	0.27000			3.2100	2	-0.71	2%	0
758.01	Total Saturated Fatty Acids, Direct Methylation by	0941	19.895	6.1500			3.2100	2	0.71	2%	0
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0353	18.690	0.26000			0.26000	1			0
762.01	Total Monounsaturated Fatty Acids, Direct Methylation by	0921	20.385	0.07000			1.3750	2	-0.71	4%	0
762.01	Total Monounsaturated Fatty Acids, Direct Methylation by	0941	23.480	2.6800			1.3750	2	0.71	4%	0
762.99	Total Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0353	20.550	0.32000			0.32000	1			0
766.01	Total Polyunsaturated Fatty Acids, Direct Methylation by	0941	56.625	8.8300			4.6100	2	-0.71	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO CS Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
766.01	Total Polyunsaturated Fatty Acids, Direct Methylat	0921	60.735	0.39000			4.6100	2	0.71	2%	0
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	0353	57.370	0.26000			0.26000	1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0353	5.0050	0.15000			0.15000	1			0

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