

Swine Feed, Medicated

Animal Feed Scheme

# Labs Reporting: 200

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT 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				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	7.0650	0.21000	9.3692	0.70029	0.14674	7	-3.29	12%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	8.8100	0.34000	9.3692	0.70029	0.14674	7	-0.80	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.3640	0.14200	9.3692	0.70029	0.14674	7	-0.01	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.3981	0.00020	9.3692	0.70029	0.14674	7	0.04	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.7500	0.00000	9.3692	0.70029	0.14674	7	0.54	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.9700	0.30000	9.3692	0.70029	0.14674	7	0.86	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	9.9735	0.03500	9.3692	0.70029	0.14674	7	0.86	3%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.0788	0.03470				3			0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.1550	0.01000				3			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.1700	0.08000				3			0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.1400	0.58000				3			1
001.05	Loss on Drying, LECO (%)	0644	9.1550	0.27000				2			0
001.05	Loss on Drying, LECO (%)	0610	908.25	0.70000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	7.2200	0.02000	9.2291	0.41935	0.13773	41	-4.79	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.2600	0.40000	9.2291	0.41935	0.13773	41	-2.31	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.4602	0.02720	9.2291	0.41935	0.13773	41	-1.83	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.4950	0.03000	9.2291	0.41935	0.13773	41	-1.75	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.6500	0.10000	9.2291	0.41935	0.13773	41	-1.38	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.7500	0.10000	9.2291	0.41935	0.13773	41	-1.14	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.7650	0.01000	9.2291	0.41935	0.13773	41	-1.11	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.8500	0.10000	9.2291	0.41935	0.13773	41	-0.90	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.8750	0.35000	9.2291	0.41935	0.13773	41	-0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.0300	0.02000	9.2291	0.41935	0.13773	41	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.0450	0.05000	9.2291	0.41935	0.13773	41	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.0450	0.19000	9.2291	0.41935	0.13773	41	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.0600	0.02000	9.2291	0.41935	0.13773	41	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.0750	0.09000	9.2291	0.41935	0.13773	41	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	9.0800	0.44000	9.2291	0.41935	0.13773	41	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.1350	0.21000	9.2291	0.41935	0.13773	41	-0.22	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.1450	0.01000	9.2291	0.41935	0.13773	41	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.2000	1.0000	9.2291	0.41935	0.13773	41	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0695	9.2300	0.14000	9.2291	0.41935	0.13773	41	0.00	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.2400	0.16000	9.2291	0.41935	0.13773	41	0.03	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.2500	0.06000	9.2291	0.41935	0.13773	41	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.2750	0.19000	9.2291	0.41935	0.13773	41	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.2800	0.02000	9.2291	0.41935	0.13773	41	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.2850	0.05000	9.2291	0.41935	0.13773	41	0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.3300	0.12000	9.2291	0.41935	0.13773	41	0.24	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.4050	0.07000	9.2291	0.41935	0.13773	41	0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.4200	0.14000	9.2291	0.41935	0.13773	41	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.4350	0.15000	9.2291	0.41935	0.13773	41	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.4352	0.22380	9.2291	0.41935	0.13773	41	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.4400	0.12000	9.2291	0.41935	0.13773	41	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.4450	0.11000	9.2291	0.41935	0.13773	41	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.4450	0.01000	9.2291	0.41935	0.13773	41	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.4550	0.01000	9.2291	0.41935	0.13773	41	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.4880	0.03600	9.2291	0.41935	0.13773	41	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.5400	0.24000	9.2291	0.41935	0.13773	41	0.74	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.6000	0.00000	9.2291	0.41935	0.13773	41	0.88	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.9050	0.05000	9.2291	0.41935	0.13773	41	1.61	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	10.045	0.23000	9.2291	0.41935	0.13773	41	1.95	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	10.520	0.00000	9.2291	0.41935	0.13773	41	3.08	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	11.055	0.05000	9.2291	0.41935	0.13773	41	4.35	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0152	11.150	0.30000	9.2291	0.41935	0.13773	41	4.58	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	10.525	2.8700	9.2291	0.41935	0.13773	41	3.09	7%	1
001.99	Loss on Drying, Miscellaneous (%)	0536	6.5700	0.16000	9.0773	0.80057	0.16943	21	-3.13	14%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.3350	0.19000	9.0773	0.80057	0.16943	21	-2.18	10%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.3850	0.25000	9.0773	0.80057	0.16943	21	-0.86	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.4500	0.10000	9.0773	0.80057	0.16943	21	-0.78	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0034	8.5000	0.22000	9.0773	0.80057	0.16943	21	-0.72	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.5100	0.42000	9.0773	0.80057	0.16943	21	-0.71	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	8.5893	0.08140	9.0773	0.80057	0.16943	21	-0.61	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.6450	0.41000	9.0773	0.80057	0.16943	21	-0.54	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.6500	0.14000	9.0773	0.80057	0.16943	21	-0.53	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.0250	0.19000	9.0773	0.80057	0.16943	21	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.1250	0.03000	9.0773	0.80057	0.16943	21	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.1450	0.07000	9.0773	0.80057	0.16943	21	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.2000	0.20000	9.0773	0.80057	0.16943	21	0.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	9.4712	0.08270	9.0773	0.80057	0.16943	21	0.49	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.6208	0.14390	9.0773	0.80057	0.16943	21	0.68	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.7200	0.24000	9.0773	0.80057	0.16943	21	0.80	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.8050	0.25000	9.0773	0.80057	0.16943	21	0.91	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.8500	0.10000	9.0773	0.80057	0.16943	21	0.97	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0505	9.9650	0.01000	9.0773	0.80057	0.16943	21	1.11	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0021	10.000	0.00000	9.0773	0.80057	0.16943	21	1.15	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	10.215	0.27000	9.0773	0.80057	0.16943	21	1.42	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	90.115	0.35000	9.0773	0.80057	0.16943	21	101.22	446%	2
002.00	Protein, Crude (%)	0169	19.980	0.16000				3			0
002.00	Protein, Crude (%)	0940	20.930	0.14000				3			0
002.00	Protein, Crude (%)	0845	21.535	0.11000				3			0
002.01	Protein, Auto Kjel-Foss (%)	0870	8.8593	0.17170	20.748	0.39517	0.19355	13	-30.09	29%	0
002.01	Protein, Auto Kjel-Foss (%)	0183	19.730	0.02000	20.748	0.39517	0.19355	13	-2.58	2%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	20.550	0.50000	20.748	0.39517	0.19355	13	-0.50	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	20.562	0.00200	20.748	0.39517	0.19355	13	-0.47	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	20.630	0.08000	20.748	0.39517	0.19355	13	-0.30	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	20.650	0.30000	20.748	0.39517	0.19355	13	-0.25	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	20.770	0.08000	20.748	0.39517	0.19355	13	0.06	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	20.820	0.00000	20.748	0.39517	0.19355	13	0.18	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0723	20.940	0.00000	20.748	0.39517	0.19355	13	0.49	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0028	20.985	0.19000	20.748	0.39517	0.19355	13	0.60	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0662	21.094	0.56250	20.748	0.39517	0.19355	13	0.87	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	21.115	0.21000	20.748	0.39517	0.19355	13	0.93	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	21.300	0.40000	20.748	0.39517	0.19355	13	1.40	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	211.00	2.0000	20.748	0.39517	0.19355	13	481.45	458%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0042	20.595	0.21000	20.923	0.24865	0.10085	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	2149	20.865	0.05000	20.923	0.24865	0.10085	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	21.101	0.12340	20.923	0.24865	0.10085	4			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	21.130	0.02000	20.923	0.24865	0.10085	4			0
002.03	Protein, Hach Method (%)	0536	20.045	0.31000				1			0
002.04	Protein, Copper Catalyst (%)	0874	20.430	0.10000				3			0
002.04	Protein, Copper Catalyst (%)	0187	20.885	0.01000				3			0
002.04	Protein, Copper Catalyst (%)	0504	21.020	0.08000				3			0
002.04	Protein, Copper Catalyst (%)	0405	25.105	0.01000				3			2
002.05	Protein, Copper, Boric Acid (%)	0722	20.241	0.01760	20.863	0.33470	0.06755	28	-1.86	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	20.320	0.08000	20.863	0.33470	0.06755	28	-1.62	1%	0
002.05	Protein, Copper, Boric Acid (%)	0921	20.350	0.00000	20.863	0.33470	0.06755	28	-1.53	1%	0
002.05	Protein, Copper, Boric Acid (%)	2109	20.520	0.02000	20.863	0.33470	0.06755	28	-1.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	20.560	0.04000	20.863	0.33470	0.06755	28	-0.91	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	20.625	0.15000	20.863	0.33470	0.06755	28	-0.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	20.728	0.06460	20.863	0.33470	0.06755	28	-0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	20.740	0.02000	20.863	0.33470	0.06755	28	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.750	0.10000	20.863	0.33470	0.06755	28	-0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	20.755	0.01000	20.863	0.33470	0.06755	28	-0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	20.795	0.35000	20.863	0.33470	0.06755	28	-0.20	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0955	20.800	0.20000	20.863	0.33470	0.06755	28	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	20.800	0.00000	20.863	0.33470	0.06755	28	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	20.810	0.02000	20.863	0.33470	0.06755	28	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0596	20.825	0.17000	20.863	0.33470	0.06755	28	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	2146	20.825	0.03000	20.863	0.33470	0.06755	28	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	20.830	0.00000	20.863	0.33470	0.06755	28	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.880	0.26000	20.863	0.33470	0.06755	28	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	20.904	0.02000	20.863	0.33470	0.06755	28	0.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	21.015	0.03000	20.863	0.33470	0.06755	28	0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	21.050	0.06000	20.863	0.33470	0.06755	28	0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	21.110	0.02000	20.863	0.33470	0.06755	28	0.74	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	21.170	0.00000	20.863	0.33470	0.06755	28	0.92	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	21.270	0.04000	20.863	0.33470	0.06755	28	1.22	1%	0
002.05	Protein, Copper, Boric Acid (%)	2073	21.305	0.07000	20.863	0.33470	0.06755	28	1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	2062	21.322	0.01920	20.863	0.33470	0.06755	28	1.37	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	21.325	0.07000	20.863	0.33470	0.06755	28	1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0194	21.505	0.03000	20.863	0.33470	0.06755	28	1.92	2%	0
002.05	Protein, Copper, Boric Acid (%)	0939	21.035	0.53000	20.863	0.33470	0.06755	28	0.51	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	7.7621	0.03290	21.277	0.26844	0.15871	126	-50.35	32%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	20.048	0.36900	21.277	0.26844	0.15871	126	-4.58	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.655	0.19000	21.277	0.26844	0.15871	126	-2.32	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.705	0.01000	21.277	0.26844	0.15871	126	-2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	20.725	0.47000	21.277	0.26844	0.15871	126	-2.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.805	0.17000	21.277	0.26844	0.15871	126	-1.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.851	0.07500	21.277	0.26844	0.15871	126	-1.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	20.875	0.19000	21.277	0.26844	0.15871	126	-1.50	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	20.877	0.21800	21.277	0.26844	0.15871	126	-1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	20.895	0.09000	21.277	0.26844	0.15871	126	-1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	20.905	0.05000	21.277	0.26844	0.15871	126	-1.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	20.930	0.02000	21.277	0.26844	0.15871	126	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0695	20.945	0.13000	21.277	0.26844	0.15871	126	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	20.949	0.08500	21.277	0.26844	0.15871	126	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.950	0.10000	21.277	0.26844	0.15871	126	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	20.969	0.06250	21.277	0.26844	0.15871	126	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	21.020	0.20000	21.277	0.26844	0.15871	126	-0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2144	21.032	0.17300	21.277	0.26844	0.15871	126	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	21.035	0.65000	21.277	0.26844	0.15871	126	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	21.040	0.14000	21.277	0.26844	0.15871	126	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	21.056	0.19080	21.277	0.26844	0.15871	126	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	21.070	0.04000	21.277	0.26844	0.15871	126	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	21.070	0.00000	21.277	0.26844	0.15871	126	-0.77	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	21.074	0.02200	21.277	0.26844	0.15871	126	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	21.090	0.06000	21.277	0.26844	0.15871	126	-0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	21.095	0.03000	21.277	0.26844	0.15871	126	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	21.095	0.17000	21.277	0.26844	0.15871	126	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	21.100	0.60000	21.277	0.26844	0.15871	126	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	21.100	0.00000	21.277	0.26844	0.15871	126	-0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	21.111	0.19060	21.277	0.26844	0.15871	126	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	21.115	0.47000	21.277	0.26844	0.15871	126	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	21.115	0.09000	21.277	0.26844	0.15871	126	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	21.115	0.11000	21.277	0.26844	0.15871	126	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	21.119	0.13900	21.277	0.26844	0.15871	126	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	21.120	0.00000	21.277	0.26844	0.15871	126	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	21.125	0.01000	21.277	0.26844	0.15871	126	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	21.130	0.16000	21.277	0.26844	0.15871	126	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	21.130	0.08000	21.277	0.26844	0.15871	126	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	21.135	0.01000	21.277	0.26844	0.15871	126	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	21.135	0.07000	21.277	0.26844	0.15871	126	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	21.138	0.07500	21.277	0.26844	0.15871	126	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	21.140	0.02000	21.277	0.26844	0.15871	126	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	21.150	0.10000	21.277	0.26844	0.15871	126	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	21.150	0.10000	21.277	0.26844	0.15871	126	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	21.150	0.10000	21.277	0.26844	0.15871	126	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	21.155	0.19000	21.277	0.26844	0.15871	126	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	21.160	0.06000	21.277	0.26844	0.15871	126	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	21.165	0.37000	21.277	0.26844	0.15871	126	-0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	21.180	0.02000	21.277	0.26844	0.15871	126	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	21.185	0.01000	21.277	0.26844	0.15871	126	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	21.185	0.03000	21.277	0.26844	0.15871	126	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	21.200	0.40000	21.277	0.26844	0.15871	126	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	21.200	0.60000	21.277	0.26844	0.15871	126	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	21.200	0.20000	21.277	0.26844	0.15871	126	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	21.210	0.14000	21.277	0.26844	0.15871	126	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	21.215	0.01000	21.277	0.26844	0.15871	126	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	21.225	0.01000	21.277	0.26844	0.15871	126	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	21.231	0.07500	21.277	0.26844	0.15871	126	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	21.235	0.19000	21.277	0.26844	0.15871	126	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	21.240	0.02000	21.277	0.26844	0.15871	126	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	21.245	0.13000	21.277	0.26844	0.15871	126	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	21.245	0.23000	21.277	0.26844	0.15871	126	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	21.247	0.03500	21.277	0.26844	0.15871	126	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	21.250	0.10000	21.277	0.26844	0.15871	126	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	21.250	0.10000	21.277	0.26844	0.15871	126	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	21.255	0.29000	21.277	0.26844	0.15871	126	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	21.270	0.24000	21.277	0.26844	0.15871	126	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	21.270	0.00000	21.277	0.26844	0.15871	126	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	21.285	0.20100	21.277	0.26844	0.15871	126	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	21.288	0.28000	21.277	0.26844	0.15871	126	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	21.290	0.00000	21.277	0.26844	0.15871	126	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	21.300	0.20000	21.277	0.26844	0.15871	126	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	21.300	0.20000	21.277	0.26844	0.15871	126	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	21.300	0.00000	21.277	0.26844	0.15871	126	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2161	21.308	0.01400	21.277	0.26844	0.15871	126	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	21.320	0.06000	21.277	0.26844	0.15871	126	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	21.325	0.17000	21.277	0.26844	0.15871	126	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.330	0.18000	21.277	0.26844	0.15871	126	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	21.345	0.07000	21.277	0.26844	0.15871	126	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	21.350	0.10000	21.277	0.26844	0.15871	126	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	21.350	0.10000	21.277	0.26844	0.15871	126	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	21.350	0.10000	21.277	0.26844	0.15871	126	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	21.365	0.17000	21.277	0.26844	0.15871	126	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	21.390	0.36000	21.277	0.26844	0.15871	126	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	21.395	0.09000	21.277	0.26844	0.15871	126	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2066	21.400	0.20000	21.277	0.26844	0.15871	126	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	21.423	0.50100	21.277	0.26844	0.15871	126	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	21.445	0.15000	21.277	0.26844	0.15871	126	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	21.448	0.09260	21.277	0.26844	0.15871	126	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	21.450	0.10000	21.277	0.26844	0.15871	126	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	21.450	0.10000	21.277	0.26844	0.15871	126	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	21.450	0.30000	21.277	0.26844	0.15871	126	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	21.450	0.30000	21.277	0.26844	0.15871	126	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	21.450	0.30000	21.277	0.26844	0.15871	126	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	21.455	0.35000	21.277	0.26844	0.15871	126	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	21.465	0.29000	21.277	0.26844	0.15871	126	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	21.465	0.05000	21.277	0.26844	0.15871	126	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	21.475	0.25000	21.277	0.26844	0.15871	126	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	21.475	0.01000	21.277	0.26844	0.15871	126	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	21.490	0.22000	21.277	0.26844	0.15871	126	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	21.490	0.26000	21.277	0.26844	0.15871	126	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	21.500	0.20000	21.277	0.26844	0.15871	126	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	21.507	0.17400	21.277	0.26844	0.15871	126	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	21.519	0.11550	21.277	0.26844	0.15871	126	0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	21.535	0.01000	21.277	0.26844	0.15871	126	0.96	1%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	21.540	0.38000	21.277	0.26844	0.15871	126	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	21.560	0.12000	21.277	0.26844	0.15871	126	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	21.585	0.03000	21.277	0.26844	0.15871	126	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	21.590	0.04000	21.277	0.26844	0.15871	126	1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	21.590	0.00000	21.277	0.26844	0.15871	126	1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	21.615	0.05000	21.277	0.26844	0.15871	126	1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	21.640	0.10000	21.277	0.26844	0.15871	126	1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	21.650	0.90000	21.277	0.26844	0.15871	126	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	21.650	0.04000	21.277	0.26844	0.15871	126	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	21.655	0.25000	21.277	0.26844	0.15871	126	1.41	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	21.670	0.16000	21.277	0.26844	0.15871	126	1.47	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	21.675	0.05000	21.277	0.26844	0.15871	126	1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	21.700	0.32000	21.277	0.26844	0.15871	126	1.58	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	21.715	0.45000	21.277	0.26844	0.15871	126	1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	21.775	0.27000	21.277	0.26844	0.15871	126	1.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	21.780	0.02000	21.277	0.26844	0.15871	126	1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	21.788	0.27500	21.277	0.26844	0.15871	126	1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	22.015	0.06100	21.277	0.26844	0.15871	126	2.75	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	22.015	0.11000	21.277	0.26844	0.15871	126	2.75	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	22.050	0.38000	21.277	0.26844	0.15871	126	2.88	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	22.365	0.01000	21.277	0.26844	0.15871	126	4.05	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	20.900	1.0600	21.277	0.26844	0.15871	126	-1.40	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	21.080	1.2400	21.277	0.26844	0.15871	126	-0.73	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	21.700	1.4000	21.277	0.26844	0.15871	126	1.58	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	212.00	0.00000	21.277	0.26844	0.15871	126	710.50	448%	2
002.08	Protein, Cu/Ti (%)	0098	21.040	0.06000				2			0
002.08	Protein, Cu/Ti (%)	0563	21.641	0.04250				2			0
002.10	Protein, Block dig/distillation (%)	0629	21.155	0.19000				1			0
002.11	Protein, NIR (%)	0553	19.505	0.23000	22.476	2.4857	0.15714	7	-1.20	7%	0
002.11	Protein, NIR (%)	0889	20.165	0.15000	22.476	2.4857	0.15714	7	-0.93	5%	0
002.11	Protein, NIR (%)	0852	21.520	0.04000	22.476	2.4857	0.15714	7	-0.38	2%	0
002.11	Protein, NIR (%)	2105	22.765	0.45000	22.476	2.4857	0.15714	7	0.12	1%	0
002.11	Protein, NIR (%)	0011	23.400	0.00000	22.476	2.4857	0.15714	7	0.37	2%	0
002.11	Protein, NIR (%)	2121	24.675	0.01000	22.476	2.4857	0.15714	7	0.88	5%	0
002.11	Protein, NIR (%)	2120	25.300	0.22000	22.476	2.4857	0.15714	7	1.14	6%	0
002.99	Protein, Miscellaneous (%)	2145	20.360	0.10000	20.765	0.38249	0.13000	4			0
002.99	Protein, Miscellaneous (%)	0643	20.590	0.14000	20.765	0.38249	0.13000	4			0
002.99	Protein, Miscellaneous (%)	2161	20.860	0.18000	20.765	0.38249	0.13000	4			0
002.99	Protein, Miscellaneous (%)	2004	21.250	0.10000	20.765	0.38249	0.13000	4			0
003.00	Fat, Eth Ext., Direct (%)	0142	5.1050	0.01000	6.8762	0.28788	0.15064	14	-6.15	13%	0
003.00	Fat, Eth Ext., Direct (%)	0152	6.5500	0.10000	6.8762	0.28788	0.15064	14	-1.13	2%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Eth Ext., Direct (%)	0175	6.5850	0.11000	6.8762	0.28788	0.15064	14	-1.01	2%	0
003.00	Fat, Eth Ext., Direct (%)	0939	6.6200	0.20000	6.8762	0.28788	0.15064	14	-0.89	2%	0
003.00	Fat, Eth Ext., Direct (%)	0026	6.8500	0.20000	6.8762	0.28788	0.15064	14	-0.09	0%	0
003.00	Fat, Eth Ext., Direct (%)	2109	6.8550	0.07000	6.8762	0.28788	0.15064	14	-0.07	0%	0
003.00	Fat, Eth Ext., Direct (%)	0309	6.8588	0.07900	6.8762	0.28788	0.15064	14	-0.06	0%	0
003.00	Fat, Eth Ext., Direct (%)	0653	6.9000	0.02000	6.8762	0.28788	0.15064	14	0.08	0%	0
003.00	Fat, Eth Ext., Direct (%)	0596	6.9550	0.15000	6.8762	0.28788	0.15064	14	0.27	1%	0
003.00	Fat, Eth Ext., Direct (%)	0194	7.0100	0.04000	6.8762	0.28788	0.15064	14	0.46	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	7.0500	0.10000	6.8762	0.28788	0.15064	14	0.60	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	7.0600	0.04000	6.8762	0.28788	0.15064	14	0.64	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	7.2200	0.16000	6.8762	0.28788	0.15064	14	1.19	3%	0
003.00	Fat, Eth Ext., Direct (%)	0615	7.4250	0.83000	6.8762	0.28788	0.15064	14	1.91	4%	0
003.00	Fat, Eth Ext., Direct (%)	0032	8.9800	1.1000	6.8762	0.28788	0.15064	14	7.31	15%	1
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	5.2800	0.10000				2			0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	2146	6.8650	0.19000				2			0
003.06	Fat, Pet Ether (%)	0294	6.6350	0.11000	6.8498	0.13042	0.09505	18	-1.65	2%	0
003.06	Fat, Pet Ether (%)	0169	6.6450	0.05000	6.8498	0.13042	0.09505	18	-1.57	1%	0
003.06	Fat, Pet Ether (%)	0644	6.7320	0.02400	6.8498	0.13042	0.09505	18	-0.90	1%	0
003.06	Fat, Pet Ether (%)	0682	6.7600	0.00000	6.8498	0.13042	0.09505	18	-0.69	1%	0
003.06	Fat, Pet Ether (%)	0083	6.7850	0.07000	6.8498	0.13042	0.09505	18	-0.50	0%	0
003.06	Fat, Pet Ether (%)	0687	6.8150	0.13000	6.8498	0.13042	0.09505	18	-0.27	0%	0
003.06	Fat, Pet Ether (%)	0425	6.8200	0.02000	6.8498	0.13042	0.09505	18	-0.23	0%	0
003.06	Fat, Pet Ether (%)	0164	6.8250	0.05000	6.8498	0.13042	0.09505	18	-0.19	0%	0
003.06	Fat, Pet Ether (%)	0148	6.8300	0.02000	6.8498	0.13042	0.09505	18	-0.15	0%	0
003.06	Fat, Pet Ether (%)	0552	6.8400	0.18000	6.8498	0.13042	0.09505	18	-0.08	0%	0
003.06	Fat, Pet Ether (%)	0229	6.8450	0.05000	6.8498	0.13042	0.09505	18	-0.04	0%	0
003.06	Fat, Pet Ether (%)	0563	6.8639	0.03390	6.8498	0.13042	0.09505	18	0.11	0%	0
003.06	Fat, Pet Ether (%)	0910	6.8800	0.40000	6.8498	0.13042	0.09505	18	0.23	0%	0
003.06	Fat, Pet Ether (%)	0884	6.9500	0.10000	6.8498	0.13042	0.09505	18	0.77	1%	0
003.06	Fat, Pet Ether (%)	0849	6.9565	0.03300	6.8498	0.13042	0.09505	18	0.82	1%	0
003.06	Fat, Pet Ether (%)	0300	7.0100	0.24000	6.8498	0.13042	0.09505	18	1.23	1%	0
003.06	Fat, Pet Ether (%)	0511	7.0300	0.10000	6.8498	0.13042	0.09505	18	1.38	1%	0
003.06	Fat, Pet Ether (%)	0689	7.0500	0.10000	6.8498	0.13042	0.09505	18	1.54	1%	0
003.06	Fat, Pet Ether (%)	0918	6.2700	0.66000	6.8498	0.13042	0.09505	18	-4.45	4%	1
003.09	Fat, Soxtec, Eth Ext (%)	0263	5.3465	0.02700	6.7338	0.30741	0.13184	17	-4.51	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	6.2497	0.00930	6.7338	0.30741	0.13184	17	-1.57	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	6.3300	0.00000	6.7338	0.30741	0.13184	17	-1.31	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	6.5550	0.03000	6.7338	0.30741	0.13184	17	-0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	6.6000	0.26000	6.7338	0.30741	0.13184	17	-0.44	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	6.6400	0.04000	6.7338	0.30741	0.13184	17	-0.31	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	6.6500	0.30000	6.7338	0.30741	0.13184	17	-0.27	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Soxtec, Eth Ext (%)	0674	6.6900	0.00000	6.7338	0.30741	0.13184	17	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	6.7300	0.14000	6.7338	0.30741	0.13184	17	-0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	6.8550	0.33000	6.7338	0.30741	0.13184	17	0.39	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	6.8550	0.01000	6.7338	0.30741	0.13184	17	0.39	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	6.9000	0.10000	6.7338	0.30741	0.13184	17	0.54	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	6.9250	0.29000	6.7338	0.30741	0.13184	17	0.62	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	6.9295	0.30500	6.7338	0.30741	0.13184	17	0.64	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	7.0500	0.30000	6.7338	0.30741	0.13184	17	1.03	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	7.0600	0.08000	6.7338	0.30741	0.13184	17	1.06	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	7.1600	0.02000	6.7338	0.30741	0.13184	17	1.39	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	7.1150	0.71000	6.7338	0.30741	0.13184	17	1.24	3%	1
003.10	Fat, Soxtec, Pet Ether (%)	0897	6.3500	0.00000	6.7545	0.24835	0.17604	26	-1.63	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	6.3900	0.02000	6.7545	0.24835	0.17604	26	-1.47	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	6.4200	0.32000	6.7545	0.24835	0.17604	26	-1.35	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	6.4947	0.30220	6.7545	0.24835	0.17604	26	-1.05	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	6.5200	0.14000	6.7545	0.24835	0.17604	26	-0.94	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	6.5450	0.21000	6.7545	0.24835	0.17604	26	-0.84	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	6.5600	0.52000	6.7545	0.24835	0.17604	26	-0.78	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	6.5950	0.01000	6.7545	0.24835	0.17604	26	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	6.6550	0.11000	6.7545	0.24835	0.17604	26	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0695	6.6715	0.13100	6.7545	0.24835	0.17604	26	-0.33	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	6.7400	0.16000	6.7545	0.24835	0.17604	26	-0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	6.7700	0.02000	6.7545	0.24835	0.17604	26	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	6.7800	0.04000	6.7545	0.24835	0.17604	26	0.10	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	6.7908	0.07360	6.7545	0.24835	0.17604	26	0.15	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	6.7950	0.01000	6.7545	0.24835	0.17604	26	0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	6.8000	0.40000	6.7545	0.24835	0.17604	26	0.18	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	6.8250	0.05000	6.7545	0.24835	0.17604	26	0.28	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	6.8750	0.29000	6.7545	0.24835	0.17604	26	0.49	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	6.8900	0.02000	6.7545	0.24835	0.17604	26	0.55	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	6.9213	0.27030	6.7545	0.24835	0.17604	26	0.67	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	6.9500	0.32000	6.7545	0.24835	0.17604	26	0.79	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	6.9500	0.10000	6.7545	0.24835	0.17604	26	0.79	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	6.9985	0.11900	6.7545	0.24835	0.17604	26	0.98	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	7.0440	0.71400	6.7545	0.24835	0.17604	26	1.17	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	7.3500	0.22000	6.7545	0.24835	0.17604	26	2.40	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	7.6455	0.00700	6.7545	0.24835	0.17604	26	3.59	7%	0
003.11	Fat, NIR (%)	0553	6.4600	0.08000	6.9564	0.46228	0.03857	7	-1.07	4%	0
003.11	Fat, NIR (%)	0889	6.5450	0.01000	6.9564	0.46228	0.03857	7	-0.89	3%	0
003.11	Fat, NIR (%)	2120	6.7050	0.03000	6.9564	0.46228	0.03857	7	-0.54	2%	0
003.11	Fat, NIR (%)	0011	7.1000	0.00000	6.9564	0.46228	0.03857	7	0.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	0852	7.1300	0.04000	6.9564	0.46228	0.03857	7	0.38	1%	0
003.11	Fat, NIR (%)	2121	7.1400	0.08000	6.9564	0.46228	0.03857	7	0.40	1%	0
003.11	Fat, NIR (%)	2105	7.6150	0.03000	6.9564	0.46228	0.03857	7	1.42	5%	0
003.12	Fat, Hexane Ext (%)	2062	6.4536	0.01700				3			0
003.12	Fat, Hexane Ext (%)	0011	6.6250	0.41000				3			0
003.12	Fat, Hexane Ext (%)	0895	6.6450	0.01000				3			0
003.12	Fat, Hexane Ext (%)	0940	3.5750	0.99000				3			2
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	6.4950	0.05000	6.9066	0.27326	0.05467	9	-1.51	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	6.6150	0.01000	6.9066	0.27326	0.05467	9	-1.07	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	6.8300	0.08000	6.9066	0.27326	0.05467	9	-0.28	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	6.9200	0.12000	6.9066	0.27326	0.05467	9	0.05	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	6.9450	0.07000	6.9066	0.27326	0.05467	9	0.14	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	6.9550	0.01000	6.9066	0.27326	0.05467	9	0.18	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	7.0030	0.04200	6.9066	0.27326	0.05467	9	0.35	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	7.0900	0.02000	6.9066	0.27326	0.05467	9	0.67	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	7.3050	0.09000	6.9066	0.27326	0.05467	9	1.46	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	7.2300	0.40000	6.9066	0.27326	0.05467	9	1.18	2%	1
003.14	Fat, Ankom (%)	0357	3.2000	0.20000	6.6614	0.42437	0.15832	40	-8.16	26%	0
003.14	Fat, Ankom (%)	2129	5.0100	0.18000	6.6614	0.42437	0.15832	40	-3.89	12%	0
003.14	Fat, Ankom (%)	0089	5.0600	0.00000	6.6614	0.42437	0.15832	40	-3.77	12%	0
003.14	Fat, Ankom (%)	0183	5.0840	0.23800	6.6614	0.42437	0.15832	40	-3.72	12%	0
003.14	Fat, Ankom (%)	0843	5.6550	0.63000	6.6614	0.42437	0.15832	40	-2.37	8%	0
003.14	Fat, Ankom (%)	0019	5.8250	0.27000	6.6614	0.42437	0.15832	40	-1.97	6%	0
003.14	Fat, Ankom (%)	0265	6.1250	0.15000	6.6614	0.42437	0.15832	40	-1.26	4%	0
003.14	Fat, Ankom (%)	2075	6.1850	0.15000	6.6614	0.42437	0.15832	40	-1.12	4%	0
003.14	Fat, Ankom (%)	0581	6.4350	0.09000	6.6614	0.42437	0.15832	40	-0.53	2%	0
003.14	Fat, Ankom (%)	0229	6.4450	0.05000	6.6614	0.42437	0.15832	40	-0.51	2%	0
003.14	Fat, Ankom (%)	0692	6.4500	0.10000	6.6614	0.42437	0.15832	40	-0.50	2%	0
003.14	Fat, Ankom (%)	0956	6.4500	0.10000	6.6614	0.42437	0.15832	40	-0.50	2%	0
003.14	Fat, Ankom (%)	0968	6.4800	0.02600	6.6614	0.42437	0.15832	40	-0.43	1%	0
003.14	Fat, Ankom (%)	0520	6.5100	0.24000	6.6614	0.42437	0.15832	40	-0.36	1%	0
003.14	Fat, Ankom (%)	0037	6.5700	0.16000	6.6614	0.42437	0.15832	40	-0.22	1%	0
003.14	Fat, Ankom (%)	0955	6.5850	0.03000	6.6614	0.42437	0.15832	40	-0.18	1%	0
003.14	Fat, Ankom (%)	0529	6.5900	0.12000	6.6614	0.42437	0.15832	40	-0.17	1%	0
003.14	Fat, Ankom (%)	0034	6.6650	0.37000	6.6614	0.42437	0.15832	40	0.01	0%	0
003.14	Fat, Ankom (%)	0144	6.6850	0.15000	6.6614	0.42437	0.15832	40	0.06	0%	0
003.14	Fat, Ankom (%)	0948	6.6900	0.14000	6.6614	0.42437	0.15832	40	0.07	0%	0
003.14	Fat, Ankom (%)	0358	6.8000	0.28000	6.6614	0.42437	0.15832	40	0.33	1%	0
003.14	Fat, Ankom (%)	0186	6.8100	0.10000	6.6614	0.42437	0.15832	40	0.35	1%	0
003.14	Fat, Ankom (%)	0598	6.8450	0.05000	6.6614	0.42437	0.15832	40	0.43	1%	0
003.14	Fat, Ankom (%)	0202	6.8605	0.03100	6.6614	0.42437	0.15832	40	0.47	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0876	6.8850	0.03000	6.6614	0.42437	0.15832	40	0.53	2%	0
003.14	Fat, Ankom (%)	0004	6.8900	0.18000	6.6614	0.42437	0.15832	40	0.54	2%	0
003.14	Fat, Ankom (%)	0278	6.9000	0.20000	6.6614	0.42437	0.15832	40	0.56	2%	0
003.14	Fat, Ankom (%)	0108	6.9050	0.07000	6.6614	0.42437	0.15832	40	0.57	2%	0
003.14	Fat, Ankom (%)	0074	6.9100	0.34000	6.6614	0.42437	0.15832	40	0.59	2%	0
003.14	Fat, Ankom (%)	0066	6.9400	0.08000	6.6614	0.42437	0.15832	40	0.66	2%	0
003.14	Fat, Ankom (%)	0190	6.9550	0.31000	6.6614	0.42437	0.15832	40	0.69	2%	0
003.14	Fat, Ankom (%)	0049	6.9700	0.04000	6.6614	0.42437	0.15832	40	0.73	2%	0
003.14	Fat, Ankom (%)	0619	6.9700	0.14000	6.6614	0.42437	0.15832	40	0.73	2%	0
003.14	Fat, Ankom (%)	0726	6.9750	0.01000	6.6614	0.42437	0.15832	40	0.74	2%	0
003.14	Fat, Ankom (%)	0009	7.0450	0.05000	6.6614	0.42437	0.15832	40	0.90	3%	0
003.14	Fat, Ankom (%)	0001	7.0540	0.32600	6.6614	0.42437	0.15832	40	0.93	3%	0
003.14	Fat, Ankom (%)	0407	7.1147	0.14190	6.6614	0.42437	0.15832	40	1.07	3%	0
003.14	Fat, Ankom (%)	0413	7.1500	0.50000	6.6614	0.42437	0.15832	40	1.15	4%	0
003.14	Fat, Ankom (%)	0683	7.1650	0.01000	6.6614	0.42437	0.15832	40	1.19	4%	0
003.14	Fat, Ankom (%)	0574	7.6550	0.05000	6.6614	0.42437	0.15832	40	2.34	7%	0
003.99	Fat, Miscellaneous (%)	0546	5.9950	0.65000	7.1318	0.81726	0.27714	7	-1.39	8%	0
003.99	Fat, Miscellaneous (%)	0047	6.8550	0.03000	7.1318	0.81726	0.27714	7	-0.34	2%	0
003.99	Fat, Miscellaneous (%)	0536	6.9550	0.11000	7.1318	0.81726	0.27714	7	-0.22	1%	0
003.99	Fat, Miscellaneous (%)	0016	6.9750	0.15000	7.1318	0.81726	0.27714	7	-0.19	1%	0
003.99	Fat, Miscellaneous (%)	0941	7.2300	0.36000	7.1318	0.81726	0.27714	7	0.12	1%	0
003.99	Fat, Miscellaneous (%)	2145	7.5550	0.01000	7.1318	0.81726	0.27714	7	0.52	3%	0
003.99	Fat, Miscellaneous (%)	0914	8.5950	0.63000	7.1318	0.81726	0.27714	7	1.79	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	1.7250	0.07000	2.4595	0.23749	0.11551	21	-3.09	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	2.1150	0.07000	2.4595	0.23749	0.11551	21	-1.45	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	2.2500	0.10000	2.4595	0.23749	0.11551	21	-0.88	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	2.2650	0.03000	2.4595	0.23749	0.11551	21	-0.82	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	2.2900	0.02000	2.4595	0.23749	0.11551	21	-0.71	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	2.3212	0.00110	2.4595	0.23749	0.11551	21	-0.58	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	2.3500	0.10000	2.4595	0.23749	0.11551	21	-0.46	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0695	2.3650	0.05000	2.4595	0.23749	0.11551	21	-0.40	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	2.4000	0.04000	2.4595	0.23749	0.11551	21	-0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	2.4200	0.02000	2.4595	0.23749	0.11551	21	-0.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	2.4277	0.04870	2.4595	0.23749	0.11551	21	-0.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	2.4500	0.10000	2.4595	0.23749	0.11551	21	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	2.5000	0.20000	2.4595	0.23749	0.11551	21	0.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	2.5500	0.10000	2.4595	0.23749	0.11551	21	0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2161	2.5500	0.30000	2.4595	0.23749	0.11551	21	0.38	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	2.5700	0.44000	2.4595	0.23749	0.11551	21	0.47	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	2.6200	0.16000	2.4595	0.23749	0.11551	21	0.68	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	2.6550	0.05000	2.4595	0.23749	0.11551	21	0.82	4%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0226	2.8650	0.35000	2.4595	0.23749	0.11551	21	1.71	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0183	2.9140	0.10600	2.4595	0.23749	0.11551	21	1.91	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	2.9850	0.07000	2.4595	0.23749	0.11551	21	2.21	11%	0
004.01	Fiber, Sing Filt (%)	0366	3.3000	0.20000				1			0
004.03	Fiber, Fritted Glass (%)	2089	1.6600	0.16000	2.3832	0.53339	0.17064	5			0
004.03	Fiber, Fritted Glass (%)	0921	2.1400	0.00000	2.3832	0.53339	0.17064	5			0
004.03	Fiber, Fritted Glass (%)	0353	2.3050	0.05000	2.3832	0.53339	0.17064	5			0
004.03	Fiber, Fritted Glass (%)	0045	2.8600	0.40000	2.3832	0.53339	0.17064	5			0
004.03	Fiber, Fritted Glass (%)	0693	2.9510	0.24320	2.3832	0.53339	0.17064	5			0
004.06	Fiber, Fibertec (%)	0897	2.1550	0.03000	2.5964	0.26947	0.07604	22	-1.64	8%	0
004.06	Fiber, Fibertec (%)	0098	2.3100	0.04000	2.5964	0.26947	0.07604	22	-1.06	6%	0
004.06	Fiber, Fibertec (%)	2022	2.3700	0.02000	2.5964	0.26947	0.07604	22	-0.84	4%	0
004.06	Fiber, Fibertec (%)	0881	2.3780	0.05400	2.5964	0.26947	0.07604	22	-0.81	4%	0
004.06	Fiber, Fibertec (%)	0689	2.4000	0.00000	2.5964	0.26947	0.07604	22	-0.73	4%	0
004.06	Fiber, Fibertec (%)	0918	2.4650	0.15000	2.5964	0.26947	0.07604	22	-0.49	3%	0
004.06	Fiber, Fibertec (%)	0941	2.4700	0.24000	2.5964	0.26947	0.07604	22	-0.47	2%	0
004.06	Fiber, Fibertec (%)	0590	2.4850	0.07000	2.5964	0.26947	0.07604	22	-0.41	2%	0
004.06	Fiber, Fibertec (%)	0948	2.4850	0.07000	2.5964	0.26947	0.07604	22	-0.41	2%	0
004.06	Fiber, Fibertec (%)	2006	2.4950	0.11000	2.5964	0.26947	0.07604	22	-0.38	2%	0
004.06	Fiber, Fibertec (%)	0676	2.5250	0.15000	2.5964	0.26947	0.07604	22	-0.26	1%	0
004.06	Fiber, Fibertec (%)	2149	2.5275	0.06500	2.5964	0.26947	0.07604	22	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0205	2.5550	0.05000	2.5964	0.26947	0.07604	22	-0.15	1%	0
004.06	Fiber, Fibertec (%)	0723	2.5785	0.00000	2.5964	0.26947	0.07604	22	-0.07	0%	0
004.06	Fiber, Fibertec (%)	2062	2.6227	0.05920	2.5964	0.26947	0.07604	22	0.10	1%	0
004.06	Fiber, Fibertec (%)	0674	2.6700	0.00000	2.5964	0.26947	0.07604	22	0.27	1%	0
004.06	Fiber, Fibertec (%)	0895	2.8050	0.01000	2.5964	0.26947	0.07604	22	0.77	4%	0
004.06	Fiber, Fibertec (%)	0968	2.8295	0.03700	2.5964	0.26947	0.07604	22	0.87	4%	0
004.06	Fiber, Fibertec (%)	0845	2.9550	0.33000	2.5964	0.26947	0.07604	22	1.33	7%	0
004.06	Fiber, Fibertec (%)	0675	3.0850	0.01000	2.5964	0.26947	0.07604	22	1.81	9%	0
004.06	Fiber, Fibertec (%)	0722	3.3918	0.14770	2.5964	0.26947	0.07604	22	2.95	15%	0
004.06	Fiber, Fibertec (%)	0609	3.5650	0.03000	2.5964	0.26947	0.07604	22	3.59	19%	0
004.06	Fiber, Fibertec (%)	0964	3.3000	0.48000	2.5964	0.26947	0.07604	22	2.61	14%	1
004.07	Fiber, ANKOM (%)	0510	1.4000	0.40000	2.2686	0.31939	0.11377	63	-2.72	19%	0
004.07	Fiber, ANKOM (%)	0202	1.5565	0.09300	2.2686	0.31939	0.11377	63	-2.23	16%	0
004.07	Fiber, ANKOM (%)	0144	1.6300	0.02000	2.2686	0.31939	0.11377	63	-2.00	14%	0
004.07	Fiber, ANKOM (%)	0100	1.8050	0.17000	2.2686	0.31939	0.11377	63	-1.45	10%	0
004.07	Fiber, ANKOM (%)	2012	1.8200	0.24000	2.2686	0.31939	0.11377	63	-1.40	10%	0
004.07	Fiber, ANKOM (%)	0644	1.8715	0.13900	2.2686	0.31939	0.11377	63	-1.24	9%	0
004.07	Fiber, ANKOM (%)	0265	1.8750	0.45000	2.2686	0.31939	0.11377	63	-1.23	9%	0
004.07	Fiber, ANKOM (%)	0619	1.8750	0.13000	2.2686	0.31939	0.11377	63	-1.23	9%	0
004.07	Fiber, ANKOM (%)	0653	1.9350	0.03000	2.2686	0.31939	0.11377	63	-1.04	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0939	1.9350	0.09000	2.2686	0.31939	0.11377	63	-1.04	7%	0
004.07	Fiber, ANKOM (%)	0552	1.9900	0.02000	2.2686	0.31939	0.11377	63	-0.87	6%	0
004.07	Fiber, ANKOM (%)	0870	2.0335	0.07350	2.2686	0.31939	0.11377	63	-0.74	5%	0
004.07	Fiber, ANKOM (%)	0242	2.0500	0.06000	2.2686	0.31939	0.11377	63	-0.68	5%	0
004.07	Fiber, ANKOM (%)	0413	2.0500	0.10000	2.2686	0.31939	0.11377	63	-0.68	5%	0
004.07	Fiber, ANKOM (%)	0910	2.0500	0.10000	2.2686	0.31939	0.11377	63	-0.68	5%	0
004.07	Fiber, ANKOM (%)	0123	2.0600	0.08000	2.2686	0.31939	0.11377	63	-0.65	5%	0
004.07	Fiber, ANKOM (%)	2109	2.0700	0.02000	2.2686	0.31939	0.11377	63	-0.62	4%	0
004.07	Fiber, ANKOM (%)	0229	2.0900	0.06000	2.2686	0.31939	0.11377	63	-0.56	4%	0
004.07	Fiber, ANKOM (%)	0026	2.1000	0.00000	2.2686	0.31939	0.11377	63	-0.53	4%	0
004.07	Fiber, ANKOM (%)	0726	2.1000	0.00000	2.2686	0.31939	0.11377	63	-0.53	4%	0
004.07	Fiber, ANKOM (%)	0861	2.1200	0.32000	2.2686	0.31939	0.11377	63	-0.47	3%	0
004.07	Fiber, ANKOM (%)	0563	2.1385	0.25300	2.2686	0.31939	0.11377	63	-0.41	3%	0
004.07	Fiber, ANKOM (%)	0089	2.1450	0.01000	2.2686	0.31939	0.11377	63	-0.39	3%	0
004.07	Fiber, ANKOM (%)	0003	2.1500	0.00000	2.2686	0.31939	0.11377	63	-0.37	3%	0
004.07	Fiber, ANKOM (%)	0098	2.1500	0.06000	2.2686	0.31939	0.11377	63	-0.37	3%	0
004.07	Fiber, ANKOM (%)	0190	2.1500	0.10000	2.2686	0.31939	0.11377	63	-0.37	3%	0
004.07	Fiber, ANKOM (%)	0708	2.1600	0.12000	2.2686	0.31939	0.11377	63	-0.34	2%	0
004.07	Fiber, ANKOM (%)	0035	2.2100	0.12000	2.2686	0.31939	0.11377	63	-0.18	1%	0
004.07	Fiber, ANKOM (%)	2053	2.2100	0.04000	2.2686	0.31939	0.11377	63	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0849	2.2175	0.02500	2.2686	0.31939	0.11377	63	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0683	2.2350	0.01000	2.2686	0.31939	0.11377	63	-0.11	1%	0
004.07	Fiber, ANKOM (%)	0263	2.2365	0.04700	2.2686	0.31939	0.11377	63	-0.10	1%	0
004.07	Fiber, ANKOM (%)	0354	2.2550	0.07000	2.2686	0.31939	0.11377	63	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0581	2.3000	0.20000	2.2686	0.31939	0.11377	63	0.10	1%	0
004.07	Fiber, ANKOM (%)	0646	2.3100	0.24000	2.2686	0.31939	0.11377	63	0.13	1%	0
004.07	Fiber, ANKOM (%)	0066	2.3350	0.11000	2.2686	0.31939	0.11377	63	0.21	1%	0
004.07	Fiber, ANKOM (%)	0278	2.3500	0.10000	2.2686	0.31939	0.11377	63	0.25	2%	0
004.07	Fiber, ANKOM (%)	0520	2.3500	0.10000	2.2686	0.31939	0.11377	63	0.25	2%	0
004.07	Fiber, ANKOM (%)	0692	2.3500	0.10000	2.2686	0.31939	0.11377	63	0.25	2%	0
004.07	Fiber, ANKOM (%)	0033	2.3600	0.06000	2.2686	0.31939	0.11377	63	0.29	2%	0
004.07	Fiber, ANKOM (%)	0004	2.3650	0.17000	2.2686	0.31939	0.11377	63	0.30	2%	0
004.07	Fiber, ANKOM (%)	0034	2.3800	0.04000	2.2686	0.31939	0.11377	63	0.35	2%	0
004.07	Fiber, ANKOM (%)	0294	2.4000	0.00000	2.2686	0.31939	0.11377	63	0.41	3%	0
004.07	Fiber, ANKOM (%)	0598	2.4200	0.26000	2.2686	0.31939	0.11377	63	0.47	3%	0
004.07	Fiber, ANKOM (%)	2146	2.4200	0.36000	2.2686	0.31939	0.11377	63	0.47	3%	0
004.07	Fiber, ANKOM (%)	0876	2.4400	0.16000	2.2686	0.31939	0.11377	63	0.54	4%	0
004.07	Fiber, ANKOM (%)	0074	2.4400	0.02000	2.2686	0.31939	0.11377	63	0.54	4%	0
004.07	Fiber, ANKOM (%)	0407	2.4742	0.09710	2.2686	0.31939	0.11377	63	0.64	5%	0
004.07	Fiber, ANKOM (%)	0505	2.4750	0.05000	2.2686	0.31939	0.11377	63	0.65	5%	0
004.07	Fiber, ANKOM (%)	0955	2.5200	0.02000	2.2686	0.31939	0.11377	63	0.79	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0592	2.5400	0.26000	2.2686	0.31939	0.11377	63	0.85	6%	0
004.07	Fiber, ANKOM (%)	0956	2.5500	0.30000	2.2686	0.31939	0.11377	63	0.88	6%	0
004.07	Fiber, ANKOM (%)	0948	2.5650	0.01000	2.2686	0.31939	0.11377	63	0.93	7%	0
004.07	Fiber, ANKOM (%)	0626	2.6250	0.17000	2.2686	0.31939	0.11377	63	1.12	8%	0
004.07	Fiber, ANKOM (%)	0032	2.6500	0.10000	2.2686	0.31939	0.11377	63	1.19	8%	0
004.07	Fiber, ANKOM (%)	0529	2.6900	0.02000	2.2686	0.31939	0.11377	63	1.32	9%	0
004.07	Fiber, ANKOM (%)	0968	2.7000	0.10000	2.2686	0.31939	0.11377	63	1.35	10%	0
004.07	Fiber, ANKOM (%)	0019	2.7200	0.10000	2.2686	0.31939	0.11377	63	1.41	10%	0
004.07	Fiber, ANKOM (%)	0643	2.7600	0.04000	2.2686	0.31939	0.11377	63	1.54	11%	0
004.07	Fiber, ANKOM (%)	0904	2.7800	0.08000	2.2686	0.31939	0.11377	63	1.60	11%	0
004.07	Fiber, ANKOM (%)	0536	3.0850	0.17000	2.2686	0.31939	0.11377	63	2.56	18%	0
004.07	Fiber, ANKOM (%)	0083	3.4800	0.18000	2.2686	0.31939	0.11377	63	3.79	27%	0
004.07	Fiber, ANKOM (%)	0028	4.1500	0.10000	2.2686	0.31939	0.11377	63	5.89	41%	0
004.07	Fiber, ANKOM (%)	0596	2.0150	0.67000	2.2686	0.31939	0.11377	63	-0.79	6%	1
004.07	Fiber, ANKOM (%)	0682	5.7600	0.00000	2.2686	0.31939	0.11377	63	10.93	77%	2
004.11	Fiber, NIR (%)	2105	1.8400	0.08000	2.9570	1.0314	0.04000	7	-1.08	19%	0
004.11	Fiber, NIR (%)	0553	2.2350	0.07000	2.9570	1.0314	0.04000	7	-0.70	12%	0
004.11	Fiber, NIR (%)	0011	2.3000	0.00000	2.9570	1.0314	0.04000	7	-0.64	11%	0
004.11	Fiber, NIR (%)	2121	3.0600	0.08000	2.9570	1.0314	0.04000	7	0.10	2%	0
004.11	Fiber, NIR (%)	2120	3.3600	0.00000	2.9570	1.0314	0.04000	7	0.39	7%	0
004.11	Fiber, NIR (%)	0852	3.4000	0.04000	2.9570	1.0314	0.04000	7	0.43	7%	0
004.11	Fiber, NIR (%)	0889	6.0350	0.01000	2.9570	1.0314	0.04000	7	2.98	52%	0
004.99	Fiber, Miscellaneous (%)	0629	1.9500	0.10000				3			0
004.99	Fiber, Miscellaneous (%)	2145	2.2650	0.01000				3			0
004.99	Fiber, Miscellaneous (%)	0940	2.4600	0.34000				3			0
005.00	Ash, 2h @ 600°C (%)	0226	7.3850	0.07000	7.7511	0.13691	0.05949	93	-2.67	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.4100	0.04000	7.7511	0.13691	0.05949	93	-2.49	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.4450	0.15000	7.7511	0.13691	0.05949	93	-2.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0026	7.5450	0.01000	7.7511	0.13691	0.05949	93	-1.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.5700	0.04000	7.7511	0.13691	0.05949	93	-1.32	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.5750	0.07000	7.7511	0.13691	0.05949	93	-1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.5750	0.15000	7.7511	0.13691	0.05949	93	-1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.5800	0.04000	7.7511	0.13691	0.05949	93	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.5800	0.00000	7.7511	0.13691	0.05949	93	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.5850	0.03000	7.7511	0.13691	0.05949	93	-1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.5950	0.03000	7.7511	0.13691	0.05949	93	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.5950	0.11000	7.7511	0.13691	0.05949	93	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.6050	0.09000	7.7511	0.13691	0.05949	93	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.6050	0.03000	7.7511	0.13691	0.05949	93	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.6100	0.02000	7.7511	0.13691	0.05949	93	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	7.6200	0.02000	7.7511	0.13691	0.05949	93	-0.96	1%	0

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005.00	Ash, 2h @ 600°C (%)	0682	7.6200	0.00000	7.7511	0.13691	0.05949	93	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	7.6235	0.02300	7.7511	0.13691	0.05949	93	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.6250	0.11000	7.7511	0.13691	0.05949	93	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	2066	7.6250	0.07000	7.7511	0.13691	0.05949	93	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.6550	0.05000	7.7511	0.13691	0.05949	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.6555	0.00500	7.7511	0.13691	0.05949	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.6559	0.01930	7.7511	0.13691	0.05949	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.6650	0.07000	7.7511	0.13691	0.05949	93	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.6655	0.01500	7.7511	0.13691	0.05949	93	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.6665	0.04710	7.7511	0.13691	0.05949	93	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.6700	0.04000	7.7511	0.13691	0.05949	93	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.6700	0.06000	7.7511	0.13691	0.05949	93	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.6720	0.00600	7.7511	0.13691	0.05949	93	-0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.6745	0.01100	7.7511	0.13691	0.05949	93	-0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.6800	0.04000	7.7511	0.13691	0.05949	93	-0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.6800	0.02000	7.7511	0.13691	0.05949	93	-0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.6900	0.02000	7.7511	0.13691	0.05949	93	-0.45	0%	0
005.00	Ash, 2h @ 600°C (%)	0194	7.7050	0.03000	7.7511	0.13691	0.05949	93	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	7.7050	0.09000	7.7511	0.13691	0.05949	93	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.7100	0.08000	7.7511	0.13691	0.05949	93	-0.30	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	7.7200	0.04000	7.7511	0.13691	0.05949	93	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.7230	0.02200	7.7511	0.13691	0.05949	93	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.7250	0.03000	7.7511	0.13691	0.05949	93	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.7300	0.20000	7.7511	0.13691	0.05949	93	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.7303	0.02430	7.7511	0.13691	0.05949	93	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.7350	0.05000	7.7511	0.13691	0.05949	93	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.7350	0.13000	7.7511	0.13691	0.05949	93	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.7356	0.12570	7.7511	0.13691	0.05949	93	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.7392	0.00000	7.7511	0.13691	0.05949	93	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.7400	0.00000	7.7511	0.13691	0.05949	93	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.7400	0.02000	7.7511	0.13691	0.05949	93	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.7450	0.09000	7.7511	0.13691	0.05949	93	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0183	7.7470	0.04800	7.7511	0.13691	0.05949	93	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.7550	0.01000	7.7511	0.13691	0.05949	93	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.7600	0.06000	7.7511	0.13691	0.05949	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.7600	0.20000	7.7511	0.13691	0.05949	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.7600	0.00000	7.7511	0.13691	0.05949	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.7750	0.25000	7.7511	0.13691	0.05949	93	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.7750	0.01000	7.7511	0.13691	0.05949	93	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.7750	0.01000	7.7511	0.13691	0.05949	93	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.7800	0.02000	7.7511	0.13691	0.05949	93	0.21	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0510	7.7850	0.21000	7.7511	0.13691	0.05949	93	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.7850	0.13000	7.7511	0.13691	0.05949	93	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.7900	0.02000	7.7511	0.13691	0.05949	93	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	7.7950	0.09000	7.7511	0.13691	0.05949	93	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.7950	0.07000	7.7511	0.13691	0.05949	93	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.7950	0.05000	7.7511	0.13691	0.05949	93	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.8000	0.00000	7.7511	0.13691	0.05949	93	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.8250	0.05000	7.7511	0.13691	0.05949	93	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.8300	0.24000	7.7511	0.13691	0.05949	93	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.8350	0.01000	7.7511	0.13691	0.05949	93	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	7.8400	0.02000	7.7511	0.13691	0.05949	93	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.8450	0.25000	7.7511	0.13691	0.05949	93	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.8450	0.01000	7.7511	0.13691	0.05949	93	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	7.8500	0.10000	7.7511	0.13691	0.05949	93	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.8500	0.08000	7.7511	0.13691	0.05949	93	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.8533	0.00510	7.7511	0.13691	0.05949	93	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.8585	0.01380	7.7511	0.13691	0.05949	93	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	7.8750	0.01000	7.7511	0.13691	0.05949	93	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.8900	0.08000	7.7511	0.13691	0.05949	93	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.8900	0.10000	7.7511	0.13691	0.05949	93	1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.8950	0.03000	7.7511	0.13691	0.05949	93	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.9000	0.20000	7.7511	0.13691	0.05949	93	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.9000	0.20000	7.7511	0.13691	0.05949	93	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.9000	0.02000	7.7511	0.13691	0.05949	93	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.9050	0.01000	7.7511	0.13691	0.05949	93	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	7.9117	0.02440	7.7511	0.13691	0.05949	93	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.9400	0.00000	7.7511	0.13691	0.05949	93	1.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.9450	0.01000	7.7511	0.13691	0.05949	93	1.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.9500	0.10000	7.7511	0.13691	0.05949	93	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.9550	0.05000	7.7511	0.13691	0.05949	93	1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.9806	0.00250	7.7511	0.13691	0.05949	93	1.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	7.9900	0.14000	7.7511	0.13691	0.05949	93	1.75	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.0150	0.09000	7.7511	0.13691	0.05949	93	1.93	2%	0
005.00	Ash, 2h @ 600°C (%)	0187	8.0800	0.06000	7.7511	0.13691	0.05949	93	2.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.0950	0.01000	7.7511	0.13691	0.05949	93	2.51	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.1600	0.00000	7.7511	0.13691	0.05949	93	2.99	3%	0
005.00	Ash, 2h @ 600°C (%)	0038	7.9500	0.38000	7.7511	0.13691	0.05949	93	1.45	1%	1
005.00	Ash, 2h @ 600°C (%)	0870	20.907	0.00100	7.7511	0.13691	0.05949	93	96.09	85%	2
005.02	Ash, LECO (%)	2161	7.9650	0.01000				2			0
005.02	Ash, LECO (%)	0644	8.1300	0.02000				2			0
005.05	Ash, 3h @ 550°C (%)	0003	7.5500	0.20000	7.9159	0.12496	0.07127	30	-2.93	2%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0066	7.6550	0.03000	7.9159	0.12496	0.07127	30	-2.09	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.6650	0.01000	7.9159	0.12496	0.07127	30	-2.01	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.7750	0.15000	7.9159	0.12496	0.07127	30	-1.13	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.7950	0.01000	7.9159	0.12496	0.07127	30	-0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	7.8050	0.01000	7.9159	0.12496	0.07127	30	-0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.8433	0.01340	7.9159	0.12496	0.07127	30	-0.58	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.8500	0.10000	7.9159	0.12496	0.07127	30	-0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.8500	0.10000	7.9159	0.12496	0.07127	30	-0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0904	7.8550	0.19000	7.9159	0.12496	0.07127	30	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.8600	0.02000	7.9159	0.12496	0.07127	30	-0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.8660	0.02800	7.9159	0.12496	0.07127	30	-0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	0845	7.8750	0.01000	7.9159	0.12496	0.07127	30	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.8950	0.05000	7.9159	0.12496	0.07127	30	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0695	7.9095	0.00700	7.9159	0.12496	0.07127	30	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.9400	0.00000	7.9159	0.12496	0.07127	30	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	7.9500	0.30000	7.9159	0.12496	0.07127	30	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	7.9500	0.10000	7.9159	0.12496	0.07127	30	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.9550	0.03000	7.9159	0.12496	0.07127	30	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.9600	0.00000	7.9159	0.12496	0.07127	30	0.35	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	7.9650	0.07000	7.9159	0.12496	0.07127	30	0.39	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	7.9689	0.02970	7.9159	0.12496	0.07127	30	0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.9900	0.12000	7.9159	0.12496	0.07127	30	0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0955	7.9950	0.01000	7.9159	0.12496	0.07127	30	0.63	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.0400	0.06000	7.9159	0.12496	0.07127	30	0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	8.0500	0.02000	7.9159	0.12496	0.07127	30	1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.0700	0.22000	7.9159	0.12496	0.07127	30	1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.0850	0.03000	7.9159	0.12496	0.07127	30	1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.0900	0.02000	7.9159	0.12496	0.07127	30	1.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0152	8.2000	0.20000	7.9159	0.12496	0.07127	30	2.27	2%	0
005.05	Ash, 3h @ 550°C (%)	0610	78.800	0.60000	7.9159	0.12496	0.07127	30	567.27	448%	2
005.11	Ash, NIR (%)	0889	7.8650	0.05000	8.7125	0.59878	0.10000	4			0
005.11	Ash, NIR (%)	0852	8.7450	0.05000	8.7125	0.59878	0.10000	4			0
005.11	Ash, NIR (%)	2120	9.0100	0.16000	8.7125	0.59878	0.10000	4			0
005.11	Ash, NIR (%)	2121	9.2300	0.14000	8.7125	0.59878	0.10000	4			0
005.11	Ash, NIR (%)	2105	8.9400	0.82000	8.7125	0.59878	0.10000	4			1
005.99	Ash, Miscellaneous (%)	0546	7.1500	0.24000	7.8718	0.18299	0.06139	13	-3.94	5%	0
005.99	Ash, Miscellaneous (%)	0574	7.6600	0.08000	7.8718	0.18299	0.06139	13	-1.16	1%	0
005.99	Ash, Miscellaneous (%)	0662	7.6816	0.00010	7.8718	0.18299	0.06139	13	-1.04	1%	0
005.99	Ash, Miscellaneous (%)	0629	7.7800	0.10000	7.8718	0.18299	0.06139	13	-0.50	1%	0
005.99	Ash, Miscellaneous (%)	0884	7.8000	0.00000	7.8718	0.18299	0.06139	13	-0.39	0%	0
005.99	Ash, Miscellaneous (%)	2004	7.8650	0.03000	7.8718	0.18299	0.06139	13	-0.04	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.99	Ash, Miscellaneous (%)	0202	7.8690	0.02800	7.8718	0.18299	0.06139	13	-0.02	0%	0
005.99	Ash, Miscellaneous (%)	0536	7.8850	0.05000	7.8718	0.18299	0.06139	13	0.07	0%	0
005.99	Ash, Miscellaneous (%)	2144	7.9950	0.03000	7.8718	0.18299	0.06139	13	0.67	1%	0
005.99	Ash, Miscellaneous (%)	2145	8.0450	0.01000	7.8718	0.18299	0.06139	13	0.95	1%	0
005.99	Ash, Miscellaneous (%)	0652	8.0500	0.10000	7.8718	0.18299	0.06139	13	0.97	1%	0
005.99	Ash, Miscellaneous (%)	0910	8.0500	0.10000	7.8718	0.18299	0.06139	13	0.97	1%	0
005.99	Ash, Miscellaneous (%)	0676	8.0550	0.03000	7.8718	0.18299	0.06139	13	1.00	1%	0
006.00	Total sugars, As sucrose (%)	0921	2.5350	0.49000				2			0
006.00	Total sugars, As sucrose (%)	0910	11.520	0.32000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	11.235	0.27000				1			0
006.99	Total sugars, Miscellaneous (%)	0956	10.150	0.50000				1			0
008.02	Fiber, Acid Detergent (%)	0676	2.6200	0.14000	3.4206	0.33385	0.14880	16	-2.40	12%	0
008.02	Fiber, Acid Detergent (%)	0590	2.7250	0.15000	3.4206	0.33385	0.14880	16	-2.08	10%	0
008.02	Fiber, Acid Detergent (%)	0098	3.1050	0.13000	3.4206	0.33385	0.14880	16	-0.95	5%	0
008.02	Fiber, Acid Detergent (%)	0939	3.2200	0.18000	3.4206	0.33385	0.14880	16	-0.60	3%	0
008.02	Fiber, Acid Detergent (%)	0353	3.2400	0.02000	3.4206	0.33385	0.14880	16	-0.54	3%	0
008.02	Fiber, Acid Detergent (%)	0226	3.2700	0.08000	3.4206	0.33385	0.14880	16	-0.45	2%	0
008.02	Fiber, Acid Detergent (%)	0309	3.3688	0.14080	3.4206	0.33385	0.14880	16	-0.16	1%	0
008.02	Fiber, Acid Detergent (%)	0948	3.4350	0.07000	3.4206	0.33385	0.14880	16	0.04	0%	0
008.02	Fiber, Acid Detergent (%)	0504	3.4450	0.53000	3.4206	0.33385	0.14880	16	0.07	0%	0
008.02	Fiber, Acid Detergent (%)	0208	3.5450	0.47000	3.4206	0.33385	0.14880	16	0.37	2%	0
008.02	Fiber, Acid Detergent (%)	0345	3.5500	0.30000	3.4206	0.33385	0.14880	16	0.39	2%	0
008.02	Fiber, Acid Detergent (%)	0675	3.6350	0.01000	3.4206	0.33385	0.14880	16	0.64	3%	0
008.02	Fiber, Acid Detergent (%)	0148	3.6800	0.06000	3.4206	0.33385	0.14880	16	0.78	4%	0
008.02	Fiber, Acid Detergent (%)	0689	3.7000	0.00000	3.4206	0.33385	0.14880	16	0.84	4%	0
008.02	Fiber, Acid Detergent (%)	0187	3.7750	0.07000	3.4206	0.33385	0.14880	16	1.06	5%	0
008.02	Fiber, Acid Detergent (%)	0609	4.1250	0.03000	3.4206	0.33385	0.14880	16	2.11	10%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	5.2000	0.20000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	2.5395	0.13100	3.4258	0.43291	0.21779	42	-2.05	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	2.6350	0.15000	3.4258	0.43291	0.21779	42	-1.83	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	2.6700	0.02000	3.4258	0.43291	0.21779	42	-1.75	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	2.7200	0.08000	3.4258	0.43291	0.21779	42	-1.63	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	2.8000	0.20000	3.4258	0.43291	0.21779	42	-1.45	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	2.9700	0.02000	3.4258	0.43291	0.21779	42	-1.05	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	2.9900	0.16000	3.4258	0.43291	0.21779	42	-1.01	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	3.0500	0.10000	3.4258	0.43291	0.21779	42	-0.87	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	3.0500	0.20000	3.4258	0.43291	0.21779	42	-0.87	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	3.1500	0.06000	3.4258	0.43291	0.21779	42	-0.64	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	3.1750	0.01000	3.4258	0.43291	0.21779	42	-0.58	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	3.1950	0.35000	3.4258	0.43291	0.21779	42	-0.53	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	3.2000	0.60000	3.4258	0.43291	0.21779	42	-0.52	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	3.3000	0.00000	3.4258	0.43291	0.21779	42	-0.29	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	3.3080	0.02830	3.4258	0.43291	0.21779	42	-0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	3.3100	0.60000	3.4258	0.43291	0.21779	42	-0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	3.3300	0.60000	3.4258	0.43291	0.21779	42	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	3.3450	0.37000	3.4258	0.43291	0.21779	42	-0.19	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	3.3500	0.54000	3.4258	0.43291	0.21779	42	-0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	3.3550	0.05000	3.4258	0.43291	0.21779	42	-0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	3.4015	0.14300	3.4258	0.43291	0.21779	42	-0.06	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	3.4200	0.08000	3.4258	0.43291	0.21779	42	-0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	3.4950	0.03000	3.4258	0.43291	0.21779	42	0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	3.5300	0.44000	3.4258	0.43291	0.21779	42	0.24	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	3.5500	0.02000	3.4258	0.43291	0.21779	42	0.29	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	3.5500	0.08000	3.4258	0.43291	0.21779	42	0.29	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	3.5602	0.71170	3.4258	0.43291	0.21779	42	0.31	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2146	3.5650	0.41000	3.4258	0.43291	0.21779	42	0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	3.6205	0.01200	3.4258	0.43291	0.21779	42	0.45	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	3.6250	0.01000	3.4258	0.43291	0.21779	42	0.46	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	3.6450	0.29000	3.4258	0.43291	0.21779	42	0.51	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	3.6800	0.02000	3.4258	0.43291	0.21779	42	0.59	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	3.7350	0.25000	3.4258	0.43291	0.21779	42	0.71	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	3.7650	0.45000	3.4258	0.43291	0.21779	42	0.78	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	3.8600	0.24000	3.4258	0.43291	0.21779	42	1.00	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	3.8975	0.00100	3.4258	0.43291	0.21779	42	1.09	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	3.9000	0.40000	3.4258	0.43291	0.21779	42	1.10	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	3.9500	0.30000	3.4258	0.43291	0.21779	42	1.21	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	3.9500	0.10000	3.4258	0.43291	0.21779	42	1.21	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	4.0500	0.30000	3.4258	0.43291	0.21779	42	1.44	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	4.6000	0.36000	3.4258	0.43291	0.21779	42	2.71	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0592	11.045	0.23000	3.4258	0.43291	0.21779	42	17.60	111%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	20.978	0.34810	3.4258	0.43291	0.21779	42	40.54	256%	2
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	3.2000	0.00000				2			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	48.500	1.0000				2			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	8.8450	2.2300				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	6.0050	0.03000	7.8382	1.0108	0.30317	13	-1.81	12%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	6.6700	0.14000	7.8382	1.0108	0.30317	13	-1.16	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	7.0000	0.20000	7.8382	1.0108	0.30317	13	-0.83	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	7.2500	0.30000	7.8382	1.0108	0.30317	13	-0.58	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	7.5200	0.00000	7.8382	1.0108	0.30317	13	-0.31	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	7.7500	0.08000	7.8382	1.0108	0.30317	13	-0.09	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	7.7600	0.40000	7.8382	1.0108	0.30317	13	-0.08	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	7.9350	0.25000	7.8382	1.0108	0.30317	13	0.10	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	8.3000	0.40000	7.8382	1.0108	0.30317	13	0.46	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0689	8.5500	0.50000	7.8382	1.0108	0.30317	13	0.70	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	8.6000	0.08000	7.8382	1.0108	0.30317	13	0.75	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	8.8855	0.07120	7.8382	1.0108	0.30317	13	1.04	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	10.055	1.4900	7.8382	1.0108	0.30317	13	2.19	14%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	88.500	5.0000	7.8382	1.0108	0.30317	13	79.80	515%	2
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	3.5427	0.10970	7.2774	0.92291	0.25533	42	-4.05	26%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	5.8850	0.11000	7.2774	0.92291	0.25533	42	-1.51	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	6.0550	0.53000	7.2774	0.92291	0.25533	42	-1.32	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	6.2600	0.12000	7.2774	0.92291	0.25533	42	-1.10	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	6.3900	0.32000	7.2774	0.92291	0.25533	42	-0.96	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	6.4550	0.41000	7.2774	0.92291	0.25533	42	-0.89	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	6.5115	0.47700	7.2774	0.92291	0.25533	42	-0.83	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	6.6550	0.15000	7.2774	0.92291	0.25533	42	-0.67	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	6.7500	0.10000	7.2774	0.92291	0.25533	42	-0.57	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	6.7750	0.27000	7.2774	0.92291	0.25533	42	-0.54	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	6.7950	0.25000	7.2774	0.92291	0.25533	42	-0.52	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	6.8000	0.40000	7.2774	0.92291	0.25533	42	-0.52	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	6.8150	0.23000	7.2774	0.92291	0.25533	42	-0.50	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	6.8350	0.07000	7.2774	0.92291	0.25533	42	-0.48	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	6.8415	0.05700	7.2774	0.92291	0.25533	42	-0.47	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	6.8500	0.10000	7.2774	0.92291	0.25533	42	-0.46	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	6.9000	0.20000	7.2774	0.92291	0.25533	42	-0.41	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	6.9000	0.00000	7.2774	0.92291	0.25533	42	-0.41	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	6.9200	0.10000	7.2774	0.92291	0.25533	42	-0.39	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	6.9800	0.04000	7.2774	0.92291	0.25533	42	-0.32	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	7.0000	0.56000	7.2774	0.92291	0.25533	42	-0.30	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	7.0554	0.27650	7.2774	0.92291	0.25533	42	-0.24	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2022	7.1100	0.02000	7.2774	0.92291	0.25533	42	-0.18	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	7.1600	0.44000	7.2774	0.92291	0.25533	42	-0.13	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	7.3000	0.00000	7.2774	0.92291	0.25533	42	0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2146	7.3150	0.21000	7.2774	0.92291	0.25533	42	0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	7.3600	0.30000	7.2774	0.92291	0.25533	42	0.09	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	7.4727	0.75260	7.2774	0.92291	0.25533	42	0.21	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	7.5400	0.38000	7.2774	0.92291	0.25533	42	0.28	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	7.6900	0.76000	7.2774	0.92291	0.25533	42	0.45	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	7.7000	0.20000	7.2774	0.92291	0.25533	42	0.46	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	7.8000	0.00000	7.2774	0.92291	0.25533	42	0.57	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	7.9000	0.20000	7.2774	0.92291	0.25533	42	0.67	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	8.3091	0.23500	7.2774	0.92291	0.25533	42	1.12	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	8.4000	0.40000	7.2774	0.92291	0.25533	42	1.22	8%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	8.4500	0.06000	7.2774	0.92291	0.25533	42	1.27	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	8.5050	0.33000	7.2774	0.92291	0.25533	42	1.33	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	9.0650	0.05000	7.2774	0.92291	0.25533	42	1.94	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	9.7210	0.12600	7.2774	0.92291	0.25533	42	2.65	17%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	9.8100	0.04000	7.2774	0.92291	0.25533	42	2.74	17%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	11.370	0.68000	7.2774	0.92291	0.25533	42	4.43	28%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	12.720	0.66000	7.2774	0.92291	0.25533	42	5.90	37%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	7.8900	3.2200				1			0
010.03	Moisture, Karl-Fischer (%)	0843	9.1000	0.44000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	9.1850	0.09000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	9.4250	0.23000				3			0
010.11	Moisture, NIR (%)	0889	8.9650	0.01000	9.5840	0.72538	0.07200	5			0
010.11	Moisture, NIR (%)	2120	9.0950	0.11000	9.5840	0.72538	0.07200	5			0
010.11	Moisture, NIR (%)	2121	9.2250	0.09000	9.5840	0.72538	0.07200	5			0
010.11	Moisture, NIR (%)	2105	9.9450	0.13000	9.5840	0.72538	0.07200	5			0
010.11	Moisture, NIR (%)	0852	10.690	0.02000	9.5840	0.72538	0.07200	5			0
010.99	Moisture, Miscellaneous (%)	0546	8.2500	0.10000	9.3955	0.76123	0.12317	19	-1.50	6%	0
010.99	Moisture, Miscellaneous (%)	0722	8.4693	0.05030	9.3955	0.76123	0.12317	19	-1.22	5%	0
010.99	Moisture, Miscellaneous (%)	2161	8.8450	0.01000	9.3955	0.76123	0.12317	19	-0.72	3%	0
010.99	Moisture, Miscellaneous (%)	2089	8.9000	0.20000	9.3955	0.76123	0.12317	19	-0.65	3%	0
010.99	Moisture, Miscellaneous (%)	2145	8.9400	0.02000	9.3955	0.76123	0.12317	19	-0.60	2%	0
010.99	Moisture, Miscellaneous (%)	2129	8.9750	0.13000	9.3955	0.76123	0.12317	19	-0.55	2%	0
010.99	Moisture, Miscellaneous (%)	2144	8.9750	0.07000	9.3955	0.76123	0.12317	19	-0.55	2%	0
010.99	Moisture, Miscellaneous (%)	0917	9.0500	0.10000	9.3955	0.76123	0.12317	19	-0.45	2%	0
010.99	Moisture, Miscellaneous (%)	0884	9.1000	0.20000	9.3955	0.76123	0.12317	19	-0.39	2%	0
010.99	Moisture, Miscellaneous (%)	0948	9.1450	0.07000	9.3955	0.76123	0.12317	19	-0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.1750	0.11000	9.3955	0.76123	0.12317	19	-0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0652	9.6500	0.10000	9.3955	0.76123	0.12317	19	0.33	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.7800	0.52000	9.3955	0.76123	0.12317	19	0.51	2%	0
010.99	Moisture, Miscellaneous (%)	2004	9.7800	0.02000	9.3955	0.76123	0.12317	19	0.51	2%	0
010.99	Moisture, Miscellaneous (%)	0190	10.155	0.11000	9.3955	0.76123	0.12317	19	1.00	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.155	0.01000	9.3955	0.76123	0.12317	19	1.00	4%	0
010.99	Moisture, Miscellaneous (%)	0726	10.235	0.03000	9.3955	0.76123	0.12317	19	1.10	4%	0
010.99	Moisture, Miscellaneous (%)	2127	10.395	0.09000	9.3955	0.76123	0.12317	19	1.31	5%	0
010.99	Moisture, Miscellaneous (%)	0955	11.200	0.40000	9.3955	0.76123	0.12317	19	2.37	10%	0
010.99	Moisture, Miscellaneous (%)	0692	9.1500	1.5000	9.3955	0.76123	0.12317	19	-0.32	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	0870	6.7980	0.30150	10.775	0.65896	0.12886	68	-6.04	18%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.7500	0.10000	10.775	0.65896	0.12886	68	-3.07	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.4050	0.01000	10.775	0.65896	0.12886	68	-2.08	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.6345	0.02950	10.775	0.65896	0.12886	68	-1.73	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.6450	0.05000	10.775	0.65896	0.12886	68	-1.71	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.6850	0.03000	10.775	0.65896	0.12886	68	-1.65	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.8500	0.28000	10.775	0.65896	0.12886	68	-1.40	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.8550	0.31000	10.775	0.65896	0.12886	68	-1.40	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.9800	0.04000	10.775	0.65896	0.12886	68	-1.21	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	10.024	0.12690	10.775	0.65896	0.12886	68	-1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.195	0.41000	10.775	0.65896	0.12886	68	-0.88	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.250	0.30000	10.775	0.65896	0.12886	68	-0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.250	0.10000	10.775	0.65896	0.12886	68	-0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	10.330	0.00000	10.775	0.65896	0.12886	68	-0.68	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.335	0.01000	10.775	0.65896	0.12886	68	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.355	0.07000	10.775	0.65896	0.12886	68	-0.64	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.360	0.00000	10.775	0.65896	0.12886	68	-0.63	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.415	0.15000	10.775	0.65896	0.12886	68	-0.55	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.434	0.00740	10.775	0.65896	0.12886	68	-0.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.440	0.20000	10.775	0.65896	0.12886	68	-0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.445	0.07000	10.775	0.65896	0.12886	68	-0.50	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.480	0.07800	10.775	0.65896	0.12886	68	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.490	0.13770	10.775	0.65896	0.12886	68	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	10.515	0.09000	10.775	0.65896	0.12886	68	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.520	0.04000	10.775	0.65896	0.12886	68	-0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.555	0.19000	10.775	0.65896	0.12886	68	-0.33	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	10.581	0.00940	10.775	0.65896	0.12886	68	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	10.635	0.03000	10.775	0.65896	0.12886	68	-0.21	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.650	0.10000	10.775	0.65896	0.12886	68	-0.19	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.675	0.01000	10.775	0.65896	0.12886	68	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	10.695	0.39000	10.775	0.65896	0.12886	68	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.700	0.00000	10.775	0.65896	0.12886	68	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.700	0.00000	10.775	0.65896	0.12886	68	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.715	0.07000	10.775	0.65896	0.12886	68	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.740	0.02000	10.775	0.65896	0.12886	68	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.750	0.30000	10.775	0.65896	0.12886	68	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	10.765	0.01000	10.775	0.65896	0.12886	68	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.828	0.14000	10.775	0.65896	0.12886	68	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.840	0.00000	10.775	0.65896	0.12886	68	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.845	0.37000	10.775	0.65896	0.12886	68	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.950	0.30000	10.775	0.65896	0.12886	68	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.979	0.00010	10.775	0.65896	0.12886	68	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	11.005	0.01000	10.775	0.65896	0.12886	68	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	11.025	0.11000	10.775	0.65896	0.12886	68	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	11.050	0.10000	10.775	0.65896	0.12886	68	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	11.095	0.01700	10.775	0.65896	0.12886	68	0.49	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0144	11.110	0.22000	10.775	0.65896	0.12886	68	0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	11.125	0.15000	10.775	0.65896	0.12886	68	0.53	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	11.133	0.08500	10.775	0.65896	0.12886	68	0.54	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	11.165	0.13000	10.775	0.65896	0.12886	68	0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	11.180	0.02000	10.775	0.65896	0.12886	68	0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	11.235	0.09000	10.775	0.65896	0.12886	68	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	11.250	0.10000	10.775	0.65896	0.12886	68	0.72	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	11.300	0.40000	10.775	0.65896	0.12886	68	0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	11.320	0.12000	10.775	0.65896	0.12886	68	0.83	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0615	11.345	0.39000	10.775	0.65896	0.12886	68	0.87	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	11.420	0.34000	10.775	0.65896	0.12886	68	0.98	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	11.435	0.29000	10.775	0.65896	0.12886	68	1.00	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	11.455	0.09000	10.775	0.65896	0.12886	68	1.03	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	11.495	0.23000	10.775	0.65896	0.12886	68	1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	11.560	0.12000	10.775	0.65896	0.12886	68	1.19	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	11.620	0.02000	10.775	0.65896	0.12886	68	1.28	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	11.710	0.02000	10.775	0.65896	0.12886	68	1.42	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	11.850	0.10000	10.775	0.65896	0.12886	68	1.63	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	11.880	0.20000	10.775	0.65896	0.12886	68	1.68	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	12.020	0.00000	10.775	0.65896	0.12886	68	1.89	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	12.735	0.11000	10.775	0.65896	0.12886	68	2.97	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	13.410	0.42000	10.775	0.65896	0.12886	68	4.00	12%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.135	0.93000	10.775	0.65896	0.12886	68	-0.97	3%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.210	0.10000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.715	0.05000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.935	0.15000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.8600	0.10000	10.280	0.38497	0.29500	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.050	0.70000	10.280	0.38497	0.29500	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	10.560	0.08000	10.280	0.38497	0.29500	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.650	0.30000	10.280	0.38497	0.29500	4			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	27.300	1.4000	28.820	1.4233	0.27273	11	-1.07	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	27.350	0.10000	28.820	1.4233	0.27273	11	-1.03	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	27.430	0.00000	28.820	1.4233	0.27273	11	-0.98	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	28.150	0.10000	28.820	1.4233	0.27273	11	-0.47	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	28.200	0.00000	28.820	1.4233	0.27273	11	-0.44	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0939	28.720	0.38000	28.820	1.4233	0.27273	11	-0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	28.905	0.01000	28.820	1.4233	0.27273	11	0.06	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	29.901	0.00000	28.820	1.4233	0.27273	11	0.76	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	30.065	0.53000	28.820	1.4233	0.27273	11	0.87	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	30.240	0.26000	28.820	1.4233	0.27273	11	1.00	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	30.760	0.22000	28.820	1.4233	0.27273	11	1.36	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.00	Starch, Polarimetric (Ewers) (%)	0610	284.50	1.0000	28.820	1.4233	0.27273	11	179.64	444%	2
012.01	Starch, Megazyme (%)	0870	10.375	0.02270	25.094	3.9802	0.70970	9	-3.70	29%	0
012.01	Starch, Megazyme (%)	0918	19.720	0.87200	25.094	3.9802	0.70970	9	-1.35	11%	0
012.01	Starch, Megazyme (%)	0265	23.550	0.50000	25.094	3.9802	0.70970	9	-0.39	3%	0
012.01	Starch, Megazyme (%)	0676	25.535	1.5900	25.094	3.9802	0.70970	9	0.11	1%	0
012.01	Starch, Megazyme (%)	2004	27.050	0.70000	25.094	3.9802	0.70970	9	0.49	4%	0
012.01	Starch, Megazyme (%)	0045	27.500	0.60000	25.094	3.9802	0.70970	9	0.60	5%	0
012.01	Starch, Megazyme (%)	0956	27.650	0.30000	25.094	3.9802	0.70970	9	0.64	5%	0
012.01	Starch, Megazyme (%)	0164	27.750	0.70000	25.094	3.9802	0.70970	9	0.67	5%	0
012.01	Starch, Megazyme (%)	0693	27.966	1.1026	25.094	3.9802	0.70970	9	0.72	6%	0
012.03	Starch, Enzymatic (%)	0407	26.910	0.74000	27.593	0.72307	0.53500	4			0
012.03	Starch, Enzymatic (%)	0098	27.350	0.90000	27.593	0.72307	0.53500	4			0
012.03	Starch, Enzymatic (%)	0148	27.500	0.36000	27.593	0.72307	0.53500	4			0
012.03	Starch, Enzymatic (%)	0889	28.610	0.14000	27.593	0.72307	0.53500	4			0
012.04	Starch, YSI Analyzer (%)	0510	23.150	0.70000	27.100	2.4180	0.57600	5			0
012.04	Starch, YSI Analyzer (%)	0353	26.845	0.43000	27.100	2.4180	0.57600	5			0
012.04	Starch, YSI Analyzer (%)	0278	27.400	0.40000	27.100	2.4180	0.57600	5			0
012.04	Starch, YSI Analyzer (%)	0208	29.000	0.80000	27.100	2.4180	0.57600	5			0
012.04	Starch, YSI Analyzer (%)	0948	29.105	0.55000	27.100	2.4180	0.57600	5			0
012.11	Starch, NIR (%)	0889	23.280	0.06000				2			0
012.11	Starch, NIR (%)	0852	24.560	0.08000				2			0
013.00	Fat, Acid hydrolysis (%)	0618	4.5705	0.01330	7.9438	1.0463	0.14056	20	-3.22	21%	0
013.00	Fat, Acid hydrolysis (%)	2149	6.4900	0.08000	7.9438	1.0463	0.14056	20	-1.39	9%	0
013.00	Fat, Acid hydrolysis (%)	0504	6.7650	0.41000	7.9438	1.0463	0.14056	20	-1.13	7%	0
013.00	Fat, Acid hydrolysis (%)	0083	6.9650	0.05000	7.9438	1.0463	0.14056	20	-0.94	6%	0
013.00	Fat, Acid hydrolysis (%)	0644	7.2900	0.30000	7.9438	1.0463	0.14056	20	-0.62	4%	0
013.00	Fat, Acid hydrolysis (%)	0689	7.5000	0.00000	7.9438	1.0463	0.14056	20	-0.42	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	7.6750	0.19000	7.9438	1.0463	0.14056	20	-0.26	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	7.7250	0.33000	7.9438	1.0463	0.14056	20	-0.21	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	7.7450	0.01000	7.9438	1.0463	0.14056	20	-0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	7.8500	0.10000	7.9438	1.0463	0.14056	20	-0.09	1%	0
013.00	Fat, Acid hydrolysis (%)	0309	7.9191	0.06290	7.9438	1.0463	0.14056	20	-0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0229	7.9600	0.02000	7.9438	1.0463	0.14056	20	0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	8.0500	0.10000	7.9438	1.0463	0.14056	20	0.10	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	8.2500	0.10000	7.9438	1.0463	0.14056	20	0.29	2%	0
013.00	Fat, Acid hydrolysis (%)	0139	8.3400	0.12000	7.9438	1.0463	0.14056	20	0.38	2%	0
013.00	Fat, Acid hydrolysis (%)	0615	8.8000	0.10000	7.9438	1.0463	0.14056	20	0.82	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	8.9590	0.03200	7.9438	1.0463	0.14056	20	0.97	6%	0
013.00	Fat, Acid hydrolysis (%)	0695	9.3160	0.36800	7.9438	1.0463	0.14056	20	1.31	9%	0
013.00	Fat, Acid hydrolysis (%)	2076	9.3885	0.42500	7.9438	1.0463	0.14056	20	1.38	9%	0
013.00	Fat, Acid hydrolysis (%)	2161	9.9000	0.00000	7.9438	1.0463	0.14056	20	1.87	12%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0019	7.5700	0.22000	8.5683	0.55813	0.20071	14	-1.79	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	7.8250	0.21000	8.5683	0.55813	0.20071	14	-1.33	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	7.8850	0.01000	8.5683	0.55813	0.20071	14	-1.22	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	8.2650	0.25000	8.5683	0.55813	0.20071	14	-0.54	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	8.3950	0.13000	8.5683	0.55813	0.20071	14	-0.31	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	8.5400	0.64000	8.5683	0.55813	0.20071	14	-0.05	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	8.6100	0.28000	8.5683	0.55813	0.20071	14	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	8.7350	0.13000	8.5683	0.55813	0.20071	14	0.30	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	8.7750	0.21000	8.5683	0.55813	0.20071	14	0.37	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	8.9000	0.24000	8.5683	0.55813	0.20071	14	0.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	8.9000	0.32000	8.5683	0.55813	0.20071	14	0.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	8.9500	0.04000	8.5683	0.55813	0.20071	14	0.68	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	9.1450	0.13000	8.5683	0.55813	0.20071	14	1.03	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	9.3000	0.00000	8.5683	0.55813	0.20071	14	1.31	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	7.9600	1.3600	8.5683	0.55813	0.20071	14	-1.09	4%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0870	27.522	0.51300	8.5683	0.55813	0.20071	14	33.96	111%	2
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	7.5403	0.01930				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	6.7750	0.95000	7.6254	0.81046	0.50823	4			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	7.1668	0.16290	7.6254	0.81046	0.50823	4			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	7.9800	0.02000	7.6254	0.81046	0.50823	4			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	8.5800	0.90000	7.6254	0.81046	0.50823	4			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	73.825	1.8500	7.6254	0.81046	0.50823	4			2
013.13	Fat, Ankom- Acid Hydrolysis (%)	2146	6.5150	0.11000	8.1140	1.2617	0.33134	10	-1.27	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	7.2050	0.07000	8.1140	1.2617	0.33134	10	-0.72	6%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	7.2435	0.06300	8.1140	1.2617	0.33134	10	-0.69	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0407	7.3945	0.29040	8.1140	1.2617	0.33134	10	-0.57	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0019	7.6950	0.53000	8.1140	1.2617	0.33134	10	-0.33	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	8.3650	0.15000	8.1140	1.2617	0.33134	10	0.20	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	8.4500	0.30000	8.1140	1.2617	0.33134	10	0.27	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	8.6450	1.2300	8.1140	1.2617	0.33134	10	0.42	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	9.6200	0.26000	8.1140	1.2617	0.33134	10	1.19	9%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	10.245	0.31000	8.1140	1.2617	0.33134	10	1.69	13%	0
013.99	Fat, Pretreat or extended ext., Misc (%)	2073	7.1950	0.01000				1			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	209.50	31.000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	218.88	25.370				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	287.50	11.000				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	224.65	1.7000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	177.80	0.05820	212.16	33.440	5.6116	5			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	180.50	1.0000	212.16	33.440	5.6116	5			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	217.50	3.0000	212.16	33.440	5.6116	5			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	228.00	14.000	212.16	33.440	5.6116	5			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	257.00	10.000	212.16	33.440	5.6116	5			0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	134.00	10.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	10.400	0.48000	11.753	1.1895	1.0800	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	11.240	0.34000	11.753	1.1895	1.0800	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	12.230	1.7600	11.753	1.1895	1.0800	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	13.140	1.7400	11.753	1.1895	1.0800	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	10.990	0.50000	11.259	0.18232	0.56135	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	11.300	0.80000	11.259	0.18232	0.56135	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	11.365	0.59000	11.259	0.18232	0.56135	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	11.379	0.35540	11.259	0.18232	0.56135	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	14.520	0.04000	11.259	0.18232	0.56135	4			2
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	10.450	0.50000	11.694	0.87711	0.38750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	11.825	0.05000	11.694	0.87711	0.38750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	12.000	0.00000	11.694	0.87711	0.38750	4			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	12.500	1.0000	11.694	0.87711	0.38750	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.1010	0.00600	1.1670	0.05323	0.01553	11	-1.24	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.1050	0.01000	1.1670	0.05323	0.01553	11	-1.16	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.1174	0.01540	1.1670	0.05323	0.01553	11	-0.93	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.1363	0.02990	1.1670	0.05323	0.01553	11	-0.58	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.1550	0.01000	1.1670	0.05323	0.01553	11	-0.23	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.1795	0.02700	1.1670	0.05323	0.01553	11	0.24	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.1900	0.00000	1.1670	0.05323	0.01553	11	0.43	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.1938	0.01250	1.1670	0.05323	0.01553	11	0.50	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.2100	0.04000	1.1670	0.05323	0.01553	11	0.81	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.2100	0.00000	1.1670	0.05323	0.01553	11	0.81	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.2390	0.02000	1.1670	0.05323	0.01553	11	1.35	3%	0
019.02	Calcium, Hach Method (%)	0536	1.2400	0.02000				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.2101	0.00270				1			0
019.08	Calcium, EDTA (%)	0852	1.0000	0.00000	1.2007	0.15074	0.01800	6	-1.33	8%	0
019.08	Calcium, EDTA (%)	0940	1.1300	0.00000	1.2007	0.15074	0.01800	6	-0.47	3%	0
019.08	Calcium, EDTA (%)	0849	1.1390	0.01800	1.2007	0.15074	0.01800	6	-0.41	3%	0
019.08	Calcium, EDTA (%)	0689	1.2850	0.07000	1.2007	0.15074	0.01800	6	0.56	4%	0
019.08	Calcium, EDTA (%)	0629	1.3000	0.00000	1.2007	0.15074	0.01800	6	0.66	4%	0
019.08	Calcium, EDTA (%)	0590	1.3500	0.02000	1.2007	0.15074	0.01800	6	0.99	6%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.0690	0.04600				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	1.0800	0.10000	1.1805	0.06996	0.02348	25	-1.44	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.0877	0.01260	1.1805	0.06996	0.02348	25	-1.33	4%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.0938	0.04650	1.1805	0.06996	0.02348	25	-1.24	4%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.1230	0.00610	1.1805	0.06996	0.02348	25	-0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.1250	0.03000	1.1805	0.06996	0.02348	25	-0.79	2%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.1300	0.00000	1.1805	0.06996	0.02348	25	-0.72	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0948	1.1315	0.00300	1.1805	0.06996	0.02348	25	-0.70	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.1400	0.00000	1.1805	0.06996	0.02348	25	-0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.1500	0.00000	1.1805	0.06996	0.02348	25	-0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1500	0.10000	1.1805	0.06996	0.02348	25	-0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	2161	1.1550	0.01000	1.1805	0.06996	0.02348	25	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.1665	0.00700	1.1805	0.06996	0.02348	25	-0.20	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1791	0.00000	1.1805	0.06996	0.02348	25	-0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1850	0.05000	1.1805	0.06996	0.02348	25	0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.1900	0.00000	1.1805	0.06996	0.02348	25	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.1900	0.02000	1.1805	0.06996	0.02348	25	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.2050	0.01000	1.1805	0.06996	0.02348	25	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.2250	0.05000	1.1805	0.06996	0.02348	25	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.2250	0.03000	1.1805	0.06996	0.02348	25	0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.2300	0.02000	1.1805	0.06996	0.02348	25	0.71	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.2334	0.00530	1.1805	0.06996	0.02348	25	0.76	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.2605	0.01100	1.1805	0.06996	0.02348	25	1.14	3%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.2900	0.02000	1.1805	0.06996	0.02348	25	1.57	5%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.3097	0.00550	1.1805	0.06996	0.02348	25	1.85	5%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.3550	0.05000	1.1805	0.06996	0.02348	25	2.49	7%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.1600	0.00000				3			0
019.32	Calcium, AAS, Open vessel (%)	0609	1.2050	0.01000				3			0
019.32	Calcium, AAS, Open vessel (%)	0504	1.2250	0.01000				3			0
019.33	Calcium, AAS, Microwave (%)	0300	1.1200	0.02000				1			0
019.41	Calcium, ICP, Dry ash (%)	0511	0.99000	0.12000	1.1799	0.07282	0.03629	29	-2.61	8%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0450	0.01000	1.1799	0.07282	0.03629	29	-1.85	6%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1000	0.08000	1.1799	0.07282	0.03629	29	-1.10	3%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.1200	0.00000	1.1799	0.07282	0.03629	29	-0.82	3%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.1200	0.00000	1.1799	0.07282	0.03629	29	-0.82	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.1350	0.01000	1.1799	0.07282	0.03629	29	-0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.1400	0.00000	1.1799	0.07282	0.03629	29	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.1400	0.02000	1.1799	0.07282	0.03629	29	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.1450	0.01000	1.1799	0.07282	0.03629	29	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.1470	0.02000	1.1799	0.07282	0.03629	29	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.1500	0.02000	1.1799	0.07282	0.03629	29	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.1550	0.01000	1.1799	0.07282	0.03629	29	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0695	1.1595	0.05900	1.1799	0.07282	0.03629	29	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.1600	0.04000	1.1799	0.07282	0.03629	29	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1630	0.02600	1.1799	0.07282	0.03629	29	-0.23	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.1650	0.13000	1.1799	0.07282	0.03629	29	-0.20	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.1700	0.02000	1.1799	0.07282	0.03629	29	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.1750	0.05000	1.1799	0.07282	0.03629	29	-0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0074	1.1850	0.03000	1.1799	0.07282	0.03629	29	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.1855	0.06100	1.1799	0.07282	0.03629	29	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.2100	0.00000	1.1799	0.07282	0.03629	29	0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.2400	0.02000	1.1799	0.07282	0.03629	29	0.83	3%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.2450	0.07000	1.1799	0.07282	0.03629	29	0.89	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.2500	0.10000	1.1799	0.07282	0.03629	29	0.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.2583	0.00680	1.1799	0.07282	0.03629	29	1.08	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.2900	0.10000	1.1799	0.07282	0.03629	29	1.51	5%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.2950	0.01000	1.1799	0.07282	0.03629	29	1.58	5%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.3300	0.02000	1.1799	0.07282	0.03629	29	2.06	6%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.3509	0.00960	1.1799	0.07282	0.03629	29	2.35	7%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.97200	0.03000	1.1760	0.07119	0.03522	23	-2.87	9%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.0800	0.08000	1.1760	0.07119	0.03522	23	-1.35	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.0820	0.04000	1.1760	0.07119	0.03522	23	-1.32	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.1100	0.06000	1.1760	0.07119	0.03522	23	-0.93	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.1200	0.02000	1.1760	0.07119	0.03522	23	-0.79	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.1356	0.05580	1.1760	0.07119	0.03522	23	-0.57	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.1450	0.01000	1.1760	0.07119	0.03522	23	-0.44	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.1470	0.00040	1.1760	0.07119	0.03522	23	-0.41	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.1600	0.02000	1.1760	0.07119	0.03522	23	-0.22	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.1644	0.00350	1.1760	0.07119	0.03522	23	-0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.1652	0.00250	1.1760	0.07119	0.03522	23	-0.15	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.1700	0.04000	1.1760	0.07119	0.03522	23	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.1750	0.03000	1.1760	0.07119	0.03522	23	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1850	0.07000	1.1760	0.07119	0.03522	23	0.13	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1950	0.13000	1.1760	0.07119	0.03522	23	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.2000	0.00000	1.1760	0.07119	0.03522	23	0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2050	0.01000	1.1760	0.07119	0.03522	23	0.41	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.2105	0.00300	1.1760	0.07119	0.03522	23	0.48	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.2311	0.00480	1.1760	0.07119	0.03522	23	0.77	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.2500	0.12000	1.1760	0.07119	0.03522	23	1.04	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.2950	0.05000	1.1760	0.07119	0.03522	23	1.67	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2950	0.01000	1.1760	0.07119	0.03522	23	1.67	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.3000	0.02000	1.1760	0.07119	0.03522	23	1.74	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.0450	0.01000	1.1735	0.08740	0.04025	23	-1.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.0550	0.03000	1.1735	0.08740	0.04025	23	-1.36	5%	0
019.43	Calcium, ICP, Microwave (%)	0939	1.0600	0.02000	1.1735	0.08740	0.04025	23	-1.30	5%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0952	0.00220	1.1735	0.08740	0.04025	23	-0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.1000	0.00000	1.1735	0.08740	0.04025	23	-0.84	3%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1000	0.04000	1.1735	0.08740	0.04025	23	-0.84	3%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.1250	0.03000	1.1735	0.08740	0.04025	23	-0.55	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0968	1.1255	0.00100	1.1735	0.08740	0.04025	23	-0.55	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.1400	0.02000	1.1735	0.08740	0.04025	23	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.1500	0.00000	1.1735	0.08740	0.04025	23	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.1800	0.04000	1.1735	0.08740	0.04025	23	0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.1885	0.00900	1.1735	0.08740	0.04025	23	0.17	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1950	0.13000	1.1735	0.08740	0.04025	23	0.25	1%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.1967	0.00160	1.1735	0.08740	0.04025	23	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.2000	0.00000	1.1735	0.08740	0.04025	23	0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.2035	0.04100	1.1735	0.08740	0.04025	23	0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.2200	0.00000	1.1735	0.08740	0.04025	23	0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.2300	0.02000	1.1735	0.08740	0.04025	23	0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.2400	0.00000	1.1735	0.08740	0.04025	23	0.76	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.2600	0.02000	1.1735	0.08740	0.04025	23	0.99	4%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.2710	0.00600	1.1735	0.08740	0.04025	23	1.12	4%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.3900	0.06000	1.1735	0.08740	0.04025	23	2.48	9%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.4375	0.44500	1.1735	0.08740	0.04025	23	3.02	11%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.5435	0.65300	1.1735	0.08740	0.04025	23	4.23	16%	1
019.43	Calcium, ICP, Microwave (%)	0610	12.100	0.20000	1.1735	0.08740	0.04025	23	125.01	466%	2
019.44	Calcium, ICP, Dry ash (%)	2004	1.1400	0.00000				2			0
019.44	Calcium, ICP, Dry ash (%)	0955	1.1600	0.00000				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.2250	0.01000				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0984	0.06540				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.1750	0.01000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.2530	0.09800				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1150	0.01000				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.2450	0.03000				2			0
019.99	Calcium, Miscellaneous (%)	0889	1.0385	0.02300	1.1863	0.04224	0.02217	6	-3.50	6%	0
019.99	Calcium, Miscellaneous (%)	0242	1.1700	0.02000	1.1863	0.04224	0.02217	6	-0.39	1%	0
019.99	Calcium, Miscellaneous (%)	2144	1.1850	0.01000	1.1863	0.04224	0.02217	6	-0.03	0%	0
019.99	Calcium, Miscellaneous (%)	0590	1.2000	0.02000	1.1863	0.04224	0.02217	6	0.32	1%	0
019.99	Calcium, Miscellaneous (%)	0100	1.2100	0.02000	1.1863	0.04224	0.02217	6	0.56	1%	0
019.99	Calcium, Miscellaneous (%)	0676	1.2300	0.04000	1.1863	0.04224	0.02217	6	1.03	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.9000	0.00000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	1.9000	0.00000				2			0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	1.9000	0.00000				1			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	2,101.0	0.00000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0955	1.2450	0.05000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	1.4500	0.00000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	2.1700	0.00000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.4717	0.01510	1.7442	0.18714	0.05628	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.7800	0.04000	1.7442	0.18714	0.05628	4			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	1.8350	0.09000	1.7442	0.18714	0.05628	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.8900	0.08000	1.7442	0.18714	0.05628	4			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.6800	0.06000	1.8637	0.14748	0.02913	7	-1.25	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0939	1.7700	0.02000	1.8637	0.14748	0.02913	7	-0.63	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.7850	0.01000	1.8637	0.14748	0.02913	7	-0.53	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.8400	0.02000	1.8637	0.14748	0.02913	7	-0.16	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.9400	0.02000	1.8637	0.14748	0.02913	7	0.52	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	2.0006	0.03390	1.8637	0.14748	0.02913	7	0.93	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	2.0300	0.04000	1.8637	0.14748	0.02913	7	1.13	4%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.5400	0.00000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.7500	0.32000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7135	0.19510				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	1.9545	0.26700				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.9600	0.20000				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	157.15	7.5000	174.86	6.9975	3.6897	17	-2.53	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	157.50	3.0000	174.86	6.9975	3.6897	17	-2.48	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	167.06	0.64000	174.86	6.9975	3.6897	17	-1.11	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	168.30	8.8000	174.86	6.9975	3.6897	17	-0.94	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0849	170.59	2.8800	174.86	6.9975	3.6897	17	-0.61	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	174.00	0.00000	174.86	6.9975	3.6897	17	-0.12	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	174.00	2.0000	174.86	6.9975	3.6897	17	-0.12	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	175.00	0.00000	174.86	6.9975	3.6897	17	0.02	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	175.40	7.4000	174.86	6.9975	3.6897	17	0.08	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	176.50	3.0000	174.86	6.9975	3.6897	17	0.23	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	177.09	1.9100	174.86	6.9975	3.6897	17	0.32	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2068	177.68	4.0250	174.86	6.9975	3.6897	17	0.40	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	179.65	0.70000	174.86	6.9975	3.6897	17	0.69	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	180.60	4.5600	174.86	6.9975	3.6897	17	0.82	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	181.12	7.3100	174.86	6.9975	3.6897	17	0.89	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	181.50	7.0000	174.86	6.9975	3.6897	17	0.95	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	186.60	2.0000	174.86	6.9975	3.6897	17	1.68	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	135.88	31.650	174.86	6.9975	3.6897	17	-5.57	11%	1
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	152.50	5.0000	174.79	17.866	5.6250	4			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	169.05	10.100	174.79	17.866	5.6250	4			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	184.60	3.4000	174.79	17.866	5.6250	4			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	193.00	4.0000	174.79	17.866	5.6250	4			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	186.87	0.50900				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	101.50	3.0000	165.39	20.100	4.9334	23	-3.18	19%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	135.68	1.4800	165.39	20.100	4.9334	23	-1.48	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	142.00	18.000	165.39	20.100	4.9334	23	-1.16	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2145	144.50	0.00000	165.39	20.100	4.9334	23	-1.04	6%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0848	145.42	0.28000	165.39	20.100	4.9334	23	-0.99	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	148.95	10.700	165.39	20.100	4.9334	23	-0.82	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	151.00	12.000	165.39	20.100	4.9334	23	-0.72	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	153.70	0.60000	165.39	20.100	4.9334	23	-0.58	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0695	165.95	1.0590	165.39	20.100	4.9334	23	0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	166.00	4.0000	165.39	20.100	4.9334	23	0.03	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	167.35	1.7100	165.39	20.100	4.9334	23	0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0955	167.50	3.0000	165.39	20.100	4.9334	23	0.11	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	169.75	12.700	165.39	20.100	4.9334	23	0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	170.05	1.5000	165.39	20.100	4.9334	23	0.23	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	174.50	1.0000	165.39	20.100	4.9334	23	0.45	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	175.50	9.0000	165.39	20.100	4.9334	23	0.50	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	176.75	8.3000	165.39	20.100	4.9334	23	0.57	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	177.55	6.7000	165.39	20.100	4.9334	23	0.61	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	180.05	2.9000	165.39	20.100	4.9334	23	0.73	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	180.50	1.0000	165.39	20.100	4.9334	23	0.75	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0011	186.40	5.5500	165.39	20.100	4.9334	23	1.05	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	194.00	6.0000	165.39	20.100	4.9334	23	1.42	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	200.19	2.9896	165.39	20.100	4.9334	23	1.73	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	160.84	27.780	165.39	20.100	4.9334	23	-0.23	1%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	142.50	23.000	182.33	12.477	4.7244	21	-3.19	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	166.50	1.0000	182.33	12.477	4.7244	21	-1.27	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	167.50	7.0000	182.33	12.477	4.7244	21	-1.19	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	167.75	4.7000	182.33	12.477	4.7244	21	-1.17	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	174.49	2.8410	182.33	12.477	4.7244	21	-0.63	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	176.05	2.1000	182.33	12.477	4.7244	21	-0.50	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	177.00	2.0000	182.33	12.477	4.7244	21	-0.43	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	178.21	4.2800	182.33	12.477	4.7244	21	-0.33	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	178.95	0.30000	182.33	12.477	4.7244	21	-0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	179.50	1.0000	182.33	12.477	4.7244	21	-0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	183.80	0.20000	182.33	12.477	4.7244	21	0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	184.26	6.0630	182.33	12.477	4.7244	21	0.15	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	184.65	1.5480	182.33	12.477	4.7244	21	0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	187.15	2.6600	182.33	12.477	4.7244	21	0.39	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	188.50	13.000	182.33	12.477	4.7244	21	0.49	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	188.80	1.8000	182.33	12.477	4.7244	21	0.52	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	189.50	3.0000	182.33	12.477	4.7244	21	0.57	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	192.05	2.9000	182.33	12.477	4.7244	21	0.78	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	198.50	9.0000	182.33	12.477	4.7244	21	1.30	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	201.89	4.8200	182.33	12.477	4.7244	21	1.57	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	230.00	6.0000	182.33	12.477	4.7244	21	3.82	13%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	208.50	37.000	182.33	12.477	4.7244	21	2.10	7%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0939	153.48	3.6900	175.11	10.734	2.5892	21	-2.02	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	159.58	7.8100	175.11	10.734	2.5892	21	-1.45	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	162.50	5.0000	175.11	10.734	2.5892	21	-1.17	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	163.89	5.1300	175.11	10.734	2.5892	21	-1.05	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	164.00	0.00000	175.11	10.734	2.5892	21	-1.03	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	164.50	3.0000	175.11	10.734	2.5892	21	-0.99	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	172.14	0.16300	175.11	10.734	2.5892	21	-0.28	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	173.50	1.0000	175.11	10.734	2.5892	21	-0.15	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	174.00	0.00000	175.11	10.734	2.5892	21	-0.10	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	175.87	5.1800	175.11	10.734	2.5892	21	0.07	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	178.23	0.81000	175.11	10.734	2.5892	21	0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	178.25	2.3900	175.11	10.734	2.5892	21	0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	178.80	0.00000	175.11	10.734	2.5892	21	0.34	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	179.50	3.0000	175.11	10.734	2.5892	21	0.41	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	180.50	1.0000	175.11	10.734	2.5892	21	0.50	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	182.50	5.0000	175.11	10.734	2.5892	21	0.69	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	184.00	2.0000	175.11	10.734	2.5892	21	0.83	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	185.10	1.8000	175.11	10.734	2.5892	21	0.93	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	185.90	4.4000	175.11	10.734	2.5892	21	1.01	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	186.00	2.0000	175.11	10.734	2.5892	21	1.01	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	189.50	1.0000	175.11	10.734	2.5892	21	1.34	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	217.50	13.000	175.11	10.734	2.5892	21	3.95	12%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0089	0.06000	0.00000	175.11	10.734	2.5892	21	-16.31	50%	2
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	181.00	4.0000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	132.50	7.0000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	185.00	4.0000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	193.62	3.2200				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	188.00	8.0000				1			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	171.00	2.0000	179.01	8.1759	1.7000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2161	173.90	0.40000	179.01	8.1759	1.7000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	174.50	1.0000	179.01	8.1759	1.7000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	187.00	4.0000	179.01	8.1759	1.7000	5			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	188.65	1.1000	179.01	8.1759	1.7000	5			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	15.700	0.60000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	683.50	1.0000	739.20	37.180	17.445	17	-1.50	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	695.00	12.200	739.20	37.180	17.445	17	-1.19	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	696.00	12.000	739.20	37.180	17.445	17	-1.16	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	697.50	11.000	739.20	37.180	17.445	17	-1.12	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	716.50	23.000	739.20	37.180	17.445	17	-0.61	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	719.08	50.952	739.20	37.180	17.445	17	-0.54	1%	0



Test Material Code # 201730

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	727.48	12.550	739.20	37.180	17.445	17	-0.32	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	739.67	4.8300	739.20	37.180	17.445	17	0.01	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	748.50	37.000	739.20	37.180	17.445	17	0.25	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	750.00	0.00000	739.20	37.180	17.445	17	0.29	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	762.55	4.5000	739.20	37.180	17.445	17	0.63	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	763.85	19.700	739.20	37.180	17.445	17	0.66	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	766.50	21.200	739.20	37.180	17.445	17	0.73	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	768.00	8.0000	739.20	37.180	17.445	17	0.77	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	768.76	15.640	739.20	37.180	17.445	17	0.80	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0849	776.50	45.000	739.20	37.180	17.445	17	1.00	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	787.00	18.000	739.20	37.180	17.445	17	1.29	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	743.00	142.00	739.20	37.180	17.445	17	0.10	0%	1
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	259.75	29.800	739.20	37.180	17.445	17	-12.90	32%	2
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	657.50	15.000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	745.50	37.000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	828.15	28.300				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	878.29	0.78400				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	417.20	0.60000	716.05	52.915	13.623	23	-5.65	21%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	578.80	7.2000	716.05	52.915	13.623	23	-2.59	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	636.50	1.0000	716.05	52.915	13.623	23	-1.50	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	647.50	1.0000	716.05	52.915	13.623	23	-1.30	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	664.00	68.000	716.05	52.915	13.623	23	-0.98	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	696.50	3.0000	716.05	52.915	13.623	23	-0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0695	705.98	1.9470	716.05	52.915	13.623	23	-0.19	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	707.11	4.5300	716.05	52.915	13.623	23	-0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	709.30	13.600	716.05	52.915	13.623	23	-0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	711.80	10.400	716.05	52.915	13.623	23	-0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	713.50	3.0000	716.05	52.915	13.623	23	-0.05	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	717.39	1.0800	716.05	52.915	13.623	23	0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	729.00	19.000	716.05	52.915	13.623	23	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2145	731.00	2.0000	716.05	52.915	13.623	23	0.28	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	731.30	31.400	716.05	52.915	13.623	23	0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	735.50	23.000	716.05	52.915	13.623	23	0.37	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	741.50	7.0000	716.05	52.915	13.623	23	0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	749.85	26.700	716.05	52.915	13.623	23	0.64	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	755.76	17.830	716.05	52.915	13.623	23	0.75	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	758.31	11.910	716.05	52.915	13.623	23	0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	763.00	2.0000	716.05	52.915	13.623	23	0.89	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	836.12	1.1430	716.05	52.915	13.623	23	2.27	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	881.00	56.000	716.05	52.915	13.623	23	3.12	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	609.00	94.000	716.05	52.915	13.623	23	-2.02	7%	1

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	136.60	3.3900	686.33	68.027	20.148	18	-8.08	40%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	341.40	5.6000	686.33	68.027	20.148	18	-5.07	25%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	567.50	19.200	686.33	68.027	20.148	18	-1.75	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	629.85	23.900	686.33	68.027	20.148	18	-0.83	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	640.00	2.0000	686.33	68.027	20.148	18	-0.68	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	676.50	1.0000	686.33	68.027	20.148	18	-0.14	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	684.50	13.000	686.33	68.027	20.148	18	-0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	688.70	41.800	686.33	68.027	20.148	18	0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	693.00	44.000	686.33	68.027	20.148	18	0.10	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	694.00	14.000	686.33	68.027	20.148	18	0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	708.00	50.000	686.33	68.027	20.148	18	0.32	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	711.00	6.0000	686.33	68.027	20.148	18	0.36	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	714.00	24.000	686.33	68.027	20.148	18	0.41	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	738.17	33.240	686.33	68.027	20.148	18	0.76	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	740.45	9.5000	686.33	68.027	20.148	18	0.80	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	749.00	10.000	686.33	68.027	20.148	18	0.92	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	765.43	3.0300	686.33	68.027	20.148	18	1.16	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	768.50	59.000	686.33	68.027	20.148	18	1.21	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	747.00	154.00	686.33	68.027	20.148	18	0.89	4%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	551.50	125.00	693.99	58.591	26.623	21	-2.43	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	608.00	4.0000	693.99	58.591	26.623	21	-1.47	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	634.13	29.810	693.99	58.591	26.623	21	-1.02	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	646.50	5.0000	693.99	58.591	26.623	21	-0.81	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	647.90	28.830	693.99	58.591	26.623	21	-0.79	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	651.00	12.000	693.99	58.591	26.623	21	-0.73	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	654.53	119.00	693.99	58.591	26.623	21	-0.67	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0939	669.92	44.050	693.99	58.591	26.623	21	-0.41	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	682.00	0.00000	693.99	58.591	26.623	21	-0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	684.50	3.0000	693.99	58.591	26.623	21	-0.16	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	703.00	14.000	693.99	58.591	26.623	21	0.15	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	710.00	24.000	693.99	58.591	26.623	21	0.27	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	714.50	39.000	693.99	58.591	26.623	21	0.35	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	715.55	0.70000	693.99	58.591	26.623	21	0.37	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	723.50	9.0000	693.99	58.591	26.623	21	0.50	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	724.39	14.450	693.99	58.591	26.623	21	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	737.50	17.000	693.99	58.591	26.623	21	0.74	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	742.91	37.850	693.99	58.591	26.623	21	0.83	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	760.38	0.00000	693.99	58.591	26.623	21	1.13	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	776.50	8.4000	693.99	58.591	26.623	21	1.41	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	781.00	24.000	693.99	58.591	26.623	21	1.49	6%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	553.12	43.800				3			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	625.10	9.8000				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	665.50	53.000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	689.50	7.0000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	695.00	8.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	707.50	5.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	724.00	0.00000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2161	365.35	5.5000				3			2
027.31	Magnesium, AAS, Dry ash (%)	0536	0.14000	0.02000	0.19554	0.01107	0.00602	19	-5.02	14%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.17500	0.01000	0.19554	0.01107	0.00602	19	-1.86	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.18000	0.00000	0.19554	0.01107	0.00602	19	-1.40	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.18500	0.01000	0.19554	0.01107	0.00602	19	-0.95	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.19000	0.00000	0.19554	0.01107	0.00602	19	-0.50	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.19150	0.00900	0.19554	0.01107	0.00602	19	-0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.19325	0.00350	0.19554	0.01107	0.00602	19	-0.21	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.19350	0.00500	0.19554	0.01107	0.00602	19	-0.18	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.19400	0.00200	0.19554	0.01107	0.00602	19	-0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.19550	0.00100	0.19554	0.01107	0.00602	19	0.00	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.20000	0.00000	0.19554	0.01107	0.00602	19	0.40	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.20100	0.00460	0.19554	0.01107	0.00602	19	0.49	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.20150	0.00300	0.19554	0.01107	0.00602	19	0.54	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.20150	0.00300	0.19554	0.01107	0.00602	19	0.54	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2097	0.20185	0.00250	0.19554	0.01107	0.00602	19	0.57	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.20315	0.00530	0.19554	0.01107	0.00602	19	0.69	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.20500	0.01000	0.19554	0.01107	0.00602	19	0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.20855	0.00750	0.19554	0.01107	0.00602	19	1.17	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.21600	0.01800	0.19554	0.01107	0.00602	19	1.85	5%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.17000	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.20000	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.20400	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.18500	0.01000				3			1
027.33	Magnesium, AAS, Microwave (%)	0948	0.21150	0.00300				1			0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.17500	0.01000	0.19886	0.01299	0.00749	24	-1.84	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.18000	0.02000	0.19886	0.01299	0.00749	24	-1.45	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.18650	0.00500	0.19886	0.01299	0.00749	24	-0.95	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.18650	0.02500	0.19886	0.01299	0.00749	24	-0.95	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.19000	0.00000	0.19886	0.01299	0.00749	24	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.19000	0.00000	0.19886	0.01299	0.00749	24	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.19000	0.00000	0.19886	0.01299	0.00749	24	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.19000	0.00000	0.19886	0.01299	0.00749	24	-0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0695	0.19350	0.00900	0.19886	0.01299	0.00749	24	-0.41	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.19500	0.00020	0.19886	0.01299	0.00749	24	-0.30	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0164	0.19650	0.00300	0.19886	0.01299	0.00749	24	-0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.19930	0.00000	0.19886	0.01299	0.00749	24	0.03	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.20000	0.00000	0.19886	0.01299	0.00749	24	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.20000	0.02000	0.19886	0.01299	0.00749	24	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.20000	0.02000	0.19886	0.01299	0.00749	24	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.20140	0.00080	0.19886	0.01299	0.00749	24	0.20	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.20450	0.00100	0.19886	0.01299	0.00749	24	0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.20500	0.01000	0.19886	0.01299	0.00749	24	0.47	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.20500	0.01000	0.19886	0.01299	0.00749	24	0.47	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.21215	0.00070	0.19886	0.01299	0.00749	24	1.02	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.21500	0.01000	0.19886	0.01299	0.00749	24	1.24	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.21650	0.00700	0.19886	0.01299	0.00749	24	1.36	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.21800	0.02600	0.19886	0.01299	0.00749	24	1.47	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.22200	0.00200	0.19886	0.01299	0.00749	24	1.78	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.17275	0.00710	0.19844	0.01063	0.00563	20	-2.42	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.17350	0.00500	0.19844	0.01063	0.00563	20	-2.35	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.19000	0.02000	0.19844	0.01063	0.00563	20	-0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.19000	0.02000	0.19844	0.01063	0.00563	20	-0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.19000	0.00000	0.19844	0.01063	0.00563	20	-0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.19000	0.00000	0.19844	0.01063	0.00563	20	-0.79	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.19220	0.00120	0.19844	0.01063	0.00563	20	-0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.19300	0.00400	0.19844	0.01063	0.00563	20	-0.51	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.19680	0.00380	0.19844	0.01063	0.00563	20	-0.15	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.19950	0.00300	0.19844	0.01063	0.00563	20	0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.19990	0.00320	0.19844	0.01063	0.00563	20	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.20000	0.00000	0.19844	0.01063	0.00563	20	0.15	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.20350	0.00500	0.19844	0.01063	0.00563	20	0.48	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.20500	0.01000	0.19844	0.01063	0.00563	20	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.20500	0.01000	0.19844	0.01063	0.00563	20	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.20500	0.01000	0.19844	0.01063	0.00563	20	0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.20950	0.00040	0.19844	0.01063	0.00563	20	1.04	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.21000	0.00000	0.19844	0.01063	0.00563	20	1.09	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.21000	0.00000	0.19844	0.01063	0.00563	20	1.09	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.21870	0.00980	0.19844	0.01063	0.00563	20	1.91	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.69930	1.0008	0.19844	0.01063	0.00563	20	47.13	126%	2
027.43	Magnesium, ICP, Microwave (%)	0510	0.17000	0.00000	0.19709	0.01298	0.00359	22	-2.09	7%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.17300	0.00400	0.19709	0.01298	0.00359	22	-1.86	6%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.18500	0.00600	0.19709	0.01298	0.00359	22	-0.93	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.18550	0.00100	0.19709	0.01298	0.00359	22	-0.89	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.18600	0.00000	0.19709	0.01298	0.00359	22	-0.85	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.19000	0.00000	0.19709	0.01298	0.00359	22	-0.55	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0033	0.19500	0.01000	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.19500	0.01000	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.19500	0.01000	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.19500	0.01000	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.19500	0.01000	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.19500	0.00200	0.19709	0.01298	0.00359	22	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.19550	0.00100	0.19709	0.01298	0.00359	22	-0.12	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.19695	0.00130	0.19709	0.01298	0.00359	22	-0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.19960	0.00160	0.19709	0.01298	0.00359	22	0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.20000	0.00000	0.19709	0.01298	0.00359	22	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.20250	0.00100	0.19709	0.01298	0.00359	22	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.20750	0.00100	0.19709	0.01298	0.00359	22	0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.21400	0.00000	0.19709	0.01298	0.00359	22	1.30	4%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.21500	0.01000	0.19709	0.01298	0.00359	22	1.38	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.22000	0.00000	0.19709	0.01298	0.00359	22	1.77	6%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.25000	0.00000	0.19709	0.01298	0.00359	22	4.08	13%	0
027.43	Magnesium, ICP, Microwave (%)	0939	0.15000	0.02000	0.19709	0.01298	0.00359	22	-3.63	12%	1
027.43	Magnesium, ICP, Microwave (%)	0610	2.2000	0.00000	0.19709	0.01298	0.00359	22	154.34	508%	2
027.44	Magnesium, ICP, Dry ash (%)	0955	0.19150	0.00100				2			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.19250	0.00100				2			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.17300	0.00200				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.18370	0.00300				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.18550	0.00100				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.20600	0.00600				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.19600	0.00400				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.19750	0.00300				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.20000	0.00000	0.20250	0.00500	0.00500	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.20000	0.00000	0.20250	0.00500	0.00500	4			0
027.99	Magnesium, Miscellaneous (%)	0889	0.20000	0.02000	0.20250	0.00500	0.00500	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.21000	0.00000	0.20250	0.00500	0.00500	4			0
027.99	Magnesium, Miscellaneous (%)	2161	0.66500	0.03000	0.20250	0.00500	0.00500	4			2
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	148.00	16.000	165.23	8.6866	5.3916	15	-1.98	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	154.40	13.800	165.23	8.6866	5.3916	15	-1.25	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	156.00	4.0000	165.23	8.6866	5.3916	15	-1.06	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	159.70	3.8000	165.23	8.6866	5.3916	15	-0.64	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	160.10	1.6000	165.23	8.6866	5.3916	15	-0.59	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	160.70	7.0739	165.23	8.6866	5.3916	15	-0.52	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	163.15	0.90000	165.23	8.6866	5.3916	15	-0.24	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	167.40	1.7800	165.23	8.6866	5.3916	15	0.25	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	168.60	3.5200	165.23	8.6866	5.3916	15	0.39	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	170.00	0.00000	165.23	8.6866	5.3916	15	0.55	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	171.50	13.000	165.23	8.6866	5.3916	15	0.72	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	172.45	1.3000	165.23	8.6866	5.3916	15	0.83	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	172.70	3.1000	165.23	8.6866	5.3916	15	0.86	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	174.50	3.0000	165.23	8.6866	5.3916	15	1.07	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	175.00	8.0000	165.23	8.6866	5.3916	15	1.13	3%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	157.50	5.0000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	160.98	1.3500				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	174.00	2.0000				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	153.62	0.15800				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0695	89.050	2.1600	159.47	13.833	4.5420	22	-5.09	22%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	122.90	0.60000	159.47	13.833	4.5420	22	-2.64	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	137.50	11.000	159.47	13.833	4.5420	22	-1.59	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	139.50	17.000	159.47	13.833	4.5420	22	-1.44	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	147.00	14.000	159.47	13.833	4.5420	22	-0.90	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	155.50	1.0000	159.47	13.833	4.5420	22	-0.29	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	155.80	3.2000	159.47	13.833	4.5420	22	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	157.75	16.640	159.47	13.833	4.5420	22	-0.12	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	159.77	1.5800	159.47	13.833	4.5420	22	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	160.45	0.50000	159.47	13.833	4.5420	22	0.07	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	161.00	0.00000	159.47	13.833	4.5420	22	0.11	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	161.50	1.0000	159.47	13.833	4.5420	22	0.15	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	161.95	5.5000	159.47	13.833	4.5420	22	0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	164.25	3.1000	159.47	13.833	4.5420	22	0.35	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	166.50	3.0000	159.47	13.833	4.5420	22	0.51	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	168.10	0.60000	159.47	13.833	4.5420	22	0.62	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	168.48	1.9596	159.47	13.833	4.5420	22	0.65	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	168.50	3.0000	159.47	13.833	4.5420	22	0.65	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	169.20	2.2000	159.47	13.833	4.5420	22	0.70	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	170.90	0.51500	159.47	13.833	4.5420	22	0.83	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	175.84	10.370	159.47	13.833	4.5420	22	1.18	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	188.50	1.0000	159.47	13.833	4.5420	22	2.10	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	136.00	0.00000	164.73	13.900	4.5098	20	-2.07	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	140.25	0.40000	164.73	13.900	4.5098	20	-1.76	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	149.10	7.8000	164.73	13.900	4.5098	20	-1.12	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	153.00	6.0000	164.73	13.900	4.5098	20	-0.84	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	155.50	5.0000	164.73	13.900	4.5098	20	-0.66	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	155.50	3.0000	164.73	13.900	4.5098	20	-0.66	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	157.50	1.0000	164.73	13.900	4.5098	20	-0.52	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	159.62	0.28000	164.73	13.900	4.5098	20	-0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	161.85	1.3000	164.73	13.900	4.5098	20	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	166.16	11.075	164.73	13.900	4.5098	20	0.10	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	166.50	11.000	164.73	13.900	4.5098	20	0.13	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	170.00	6.0000	164.73	13.900	4.5098	20	0.38	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	170.42	3.8400	164.73	13.900	4.5098	20	0.41	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	172.20	11.000	164.73	13.900	4.5098	20	0.54	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	173.00	6.0000	164.73	13.900	4.5098	20	0.60	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	174.85	3.1000	164.73	13.900	4.5098	20	0.73	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	175.40	0.80000	164.73	13.900	4.5098	20	0.77	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	177.00	2.0000	164.73	13.900	4.5098	20	0.88	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	184.50	1.0000	164.73	13.900	4.5098	20	1.42	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	184.70	9.6000	164.73	13.900	4.5098	20	1.44	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	188.50	77.000	164.73	13.900	4.5098	20	1.71	7%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	142.00	2.0000	161.14	10.489	3.4957	22	-1.82	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0939	143.99	3.5600	161.14	10.489	3.4957	22	-1.63	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	150.50	5.0000	161.14	10.489	3.4957	22	-1.01	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	154.00	4.0000	161.14	10.489	3.4957	22	-0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	154.73	4.3900	161.14	10.489	3.4957	22	-0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	155.00	0.00000	161.14	10.489	3.4957	22	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	155.64	2.7300	161.14	10.489	3.4957	22	-0.52	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	156.74	3.1870	161.14	10.489	3.4957	22	-0.42	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	157.15	0.77000	161.14	10.489	3.4957	22	-0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	158.35	1.3000	161.14	10.489	3.4957	22	-0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	158.50	1.0000	161.14	10.489	3.4957	22	-0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	159.00	2.0000	161.14	10.489	3.4957	22	-0.20	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	161.83	4.3300	161.14	10.489	3.4957	22	0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	162.50	7.0000	161.14	10.489	3.4957	22	0.13	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	164.50	5.0000	161.14	10.489	3.4957	22	0.32	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	165.00	0.00000	161.14	10.489	3.4957	22	0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	170.00	6.0000	161.14	10.489	3.4957	22	0.84	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	171.95	8.3000	161.14	10.489	3.4957	22	1.03	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	172.00	0.00000	161.14	10.489	3.4957	22	1.04	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	175.00	4.0000	161.14	10.489	3.4957	22	1.32	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	175.00	10.000	161.14	10.489	3.4957	22	1.32	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	181.38	2.3390	161.14	10.489	3.4957	22	1.93	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	159.95	17.100	161.14	10.489	3.4957	22	-0.11	0%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	149.50	7.0000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	160.50	3.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	176.26	3.6700				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	221.00	96.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	150.00	6.0000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	164.50	1.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2161	79.000	2.4000	144.00	44.078	2.6000	4			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	155.00	2.0000	144.00	44.078	2.6000	4		0	
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	167.50	1.0000	144.00	44.078	2.6000	4		0	
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	174.50	5.0000	144.00	44.078	2.6000	4		0	
031.00	Phosphorus, Vol (%)	0921	0.60500	0.00000				2		0	
031.00	Phosphorus, Vol (%)	0895	0.69500	0.01000				2		0	
031.01	Phosphorus, Photometric (%)	0874	0.63575	0.00070	0.69505	0.03503	0.02195	38	-1.69	4%	0
031.01	Phosphorus, Photometric (%)	0650	0.64300	0.08200	0.69505	0.03503	0.02195	38	-1.49	4%	0
031.01	Phosphorus, Photometric (%)	0108	0.64500	0.01000	0.69505	0.03503	0.02195	38	-1.43	4%	0
031.01	Phosphorus, Photometric (%)	0940	0.64500	0.07000	0.69505	0.03503	0.02195	38	-1.43	4%	0
031.01	Phosphorus, Photometric (%)	0563	0.64615	0.01790	0.69505	0.03503	0.02195	38	-1.40	4%	0
031.01	Phosphorus, Photometric (%)	0674	0.66000	0.00000	0.69505	0.03503	0.02195	38	-1.00	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.66500	0.05000	0.69505	0.03503	0.02195	38	-0.86	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.67000	0.04000	0.69505	0.03503	0.02195	38	-0.72	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.67000	0.02000	0.69505	0.03503	0.02195	38	-0.72	2%	0
031.01	Phosphorus, Photometric (%)	0590	0.67000	0.00000	0.69505	0.03503	0.02195	38	-0.72	2%	0
031.01	Phosphorus, Photometric (%)	0609	0.67000	0.02000	0.69505	0.03503	0.02195	38	-0.72	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.67500	0.02400	0.69505	0.03503	0.02195	38	-0.57	1%	0
031.01	Phosphorus, Photometric (%)	0884	0.68000	0.00000	0.69505	0.03503	0.02195	38	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.68500	0.01000	0.69505	0.03503	0.02195	38	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.69000	0.02000	0.69505	0.03503	0.02195	38	-0.14	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.69250	0.00100	0.69505	0.03503	0.02195	38	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	2062	0.69380	0.00340	0.69505	0.03503	0.02195	38	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.69500	0.01000	0.69505	0.03503	0.02195	38	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0722	0.69720	0.00160	0.69505	0.03503	0.02195	38	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.69980	0.00200	0.69505	0.03503	0.02195	38	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.70000	0.02000	0.69505	0.03503	0.02195	38	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.70000	0.00000	0.69505	0.03503	0.02195	38	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.70450	0.00000	0.69505	0.03503	0.02195	38	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0194	0.70500	0.01000	0.69505	0.03503	0.02195	38	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.70500	0.01000	0.69505	0.03503	0.02195	38	0.28	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.71000	0.02000	0.69505	0.03503	0.02195	38	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.71400	0.00800	0.69505	0.03503	0.02195	38	0.54	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.71450	0.03900	0.69505	0.03503	0.02195	38	0.56	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.71485	0.00850	0.69505	0.03503	0.02195	38	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.71650	0.00700	0.69505	0.03503	0.02195	38	0.61	2%	0
031.01	Phosphorus, Photometric (%)	0626	0.71900	0.01400	0.69505	0.03503	0.02195	38	0.68	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.72000	0.00000	0.69505	0.03503	0.02195	38	0.71	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.73100	0.01400	0.69505	0.03503	0.02195	38	1.03	3%	0
031.01	Phosphorus, Photometric (%)	0552	0.73500	0.05000	0.69505	0.03503	0.02195	38	1.14	3%	0
031.01	Phosphorus, Photometric (%)	0687	0.74500	0.09000	0.69505	0.03503	0.02195	38	1.43	4%	0
031.01	Phosphorus, Photometric (%)	0948	0.74750	0.00100	0.69505	0.03503	0.02195	38	1.50	4%	0



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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2161	0.75000	0.10000	0.69505	0.03503	0.02195	38	1.57	4%	0
031.01	Phosphorus, Photometric (%)	0904	0.76000	0.06000	0.69505	0.03503	0.02195	38	1.85	5%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.66000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.71000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.71105	0.00510				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.66000	0.00000	0.70231	0.03281	0.01023	4			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.70250	0.01100	0.70231	0.03281	0.01023	4			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.70675	0.00990	0.70231	0.03281	0.01023	4			0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.74000	0.02000	0.70231	0.03281	0.01023	4			0
031.06	Phosphorus, Hach Method (%)	0536	0.55000	0.04000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.53500	0.01000	0.70280	0.03920	0.01386	27	-4.28	12%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.64500	0.01000	0.70280	0.03920	0.01386	27	-1.47	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.66500	0.01000	0.70280	0.03920	0.01386	27	-0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.66500	0.01000	0.70280	0.03920	0.01386	27	-0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.66500	0.01000	0.70280	0.03920	0.01386	27	-0.96	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.67000	0.00000	0.70280	0.03920	0.01386	27	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.67350	0.00300	0.70280	0.03920	0.01386	27	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.68000	0.02000	0.70280	0.03920	0.01386	27	-0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.68000	0.00000	0.70280	0.03920	0.01386	27	-0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.68000	0.00000	0.70280	0.03920	0.01386	27	-0.58	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.68950	0.01700	0.70280	0.03920	0.01386	27	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.69000	0.00000	0.70280	0.03920	0.01386	27	-0.33	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.69565	0.06070	0.70280	0.03920	0.01386	27	-0.18	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.70000	0.04000	0.70280	0.03920	0.01386	27	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.70350	0.00700	0.70280	0.03920	0.01386	27	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.71500	0.01000	0.70280	0.03920	0.01386	27	0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.71750	0.00500	0.70280	0.03920	0.01386	27	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0695	0.71850	0.00700	0.70280	0.03920	0.01386	27	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.72000	0.02000	0.70280	0.03920	0.01386	27	0.44	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.72500	0.05000	0.70280	0.03920	0.01386	27	0.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.73550	0.00100	0.70280	0.03920	0.01386	27	0.83	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.74000	0.04000	0.70280	0.03920	0.01386	27	0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.74000	0.02000	0.70280	0.03920	0.01386	27	0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.74500	0.00000	0.70280	0.03920	0.01386	27	1.08	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.75275	0.01050	0.70280	0.03920	0.01386	27	1.27	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.75860	0.00440	0.70280	0.03920	0.01386	27	1.42	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.80280	0.00860	0.70280	0.03920	0.01386	27	2.55	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.63000	0.10000	0.70280	0.03920	0.01386	27	-1.86	5%	1
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.57790	0.01500	0.69098	0.04394	0.02029	24	-2.57	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.60515	0.00070	0.69098	0.04394	0.02029	24	-1.95	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.61820	0.03900	0.69098	0.04394	0.02029	24	-1.66	5%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.64000	0.02000	0.69098	0.04394	0.02029	24	-1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.64000	0.02000	0.69098	0.04394	0.02029	24	-1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.65500	0.05000	0.69098	0.04394	0.02029	24	-0.82	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.67700	0.01400	0.69098	0.04394	0.02029	24	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.67900	0.02400	0.69098	0.04394	0.02029	24	-0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.68350	0.00700	0.69098	0.04394	0.02029	24	-0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.68500	0.01000	0.69098	0.04394	0.02029	24	-0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.69000	0.02000	0.69098	0.04394	0.02029	24	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.69100	0.01000	0.69098	0.04394	0.02029	24	0.00	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.69525	0.01910	0.69098	0.04394	0.02029	24	0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.70510	0.00420	0.69098	0.04394	0.02029	24	0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.71500	0.03000	0.69098	0.04394	0.02029	24	0.55	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.71565	0.00630	0.69098	0.04394	0.02029	24	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.71650	0.02100	0.69098	0.04394	0.02029	24	0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.72150	0.03700	0.69098	0.04394	0.02029	24	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.72220	0.00020	0.69098	0.04394	0.02029	24	0.71	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.72350	0.01500	0.69098	0.04394	0.02029	24	0.74	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.72500	0.01000	0.69098	0.04394	0.02029	24	0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.73000	0.02000	0.69098	0.04394	0.02029	24	0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.74130	0.03440	0.69098	0.04394	0.02029	24	1.15	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.76000	0.06000	0.69098	0.04394	0.02029	24	1.57	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.62150	0.01900	0.69843	0.02605	0.01252	23	-2.95	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.64150	0.03900	0.69843	0.02605	0.01252	23	-2.19	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.64500	0.03000	0.69843	0.02605	0.01252	23	-2.05	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.67750	0.03900	0.69843	0.02605	0.01252	23	-0.80	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.68000	0.02000	0.69843	0.02605	0.01252	23	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.68000	0.00000	0.69843	0.02605	0.01252	23	-0.71	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.68800	0.00800	0.69843	0.02605	0.01252	23	-0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.68850	0.00500	0.69843	0.02605	0.01252	23	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.69000	0.00000	0.69843	0.02605	0.01252	23	-0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.69150	0.00100	0.69843	0.02605	0.01252	23	-0.27	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.69300	0.00000	0.69843	0.02605	0.01252	23	-0.21	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.69890	0.00300	0.69843	0.02605	0.01252	23	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.70500	0.01000	0.69843	0.02605	0.01252	23	0.25	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.70500	0.01000	0.69843	0.02605	0.01252	23	0.25	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.70640	0.00600	0.69843	0.02605	0.01252	23	0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.70705	0.00870	0.69843	0.02605	0.01252	23	0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.71500	0.01000	0.69843	0.02605	0.01252	23	0.64	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.71750	0.00100	0.69843	0.02605	0.01252	23	0.73	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.72000	0.02000	0.69843	0.02605	0.01252	23	0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.72500	0.01000	0.69843	0.02605	0.01252	23	1.02	2%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0033	0.73000	0.04000	0.69843	0.02605	0.01252	23	1.21	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.73000	0.00000	0.69843	0.02605	0.01252	23	1.21	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.75155	0.00830	0.69843	0.02605	0.01252	23	2.04	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	7.3000	0.00000	0.69843	0.02605	0.01252	23	253.46	473%	2
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.69200	0.00000				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.70050	0.00500				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.67650	0.01500				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.62465	0.00690				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.73100	0.02800				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	0.64100	0.00400				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.73450	0.01900				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.76100	0.06800				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.66650	0.01100	0.69192	0.02408	0.01683	6	-1.06	2%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.68000	0.02000	0.69192	0.02408	0.01683	6	-0.49	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.68000	0.00000	0.69192	0.02408	0.01683	6	-0.49	1%	0
031.99	Phosphorus, Miscellaneous (%)	2144	0.69000	0.00000	0.69192	0.02408	0.01683	6	-0.08	0%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.71500	0.03000	0.69192	0.02408	0.01683	6	0.96	2%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.72000	0.04000	0.69192	0.02408	0.01683	6	1.17	2%	0
032.02	Potassium, Flame Emission (%)	0884	1.1250	0.01000				2			0
032.02	Potassium, Flame Emission (%)	0504	1.1300	0.02000				2			0
032.31	Potassium, AAS, Dry ash (%)	0175	0.92000	0.06000	1.1000	0.10664	0.02410	15	-1.69	8%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.0100	0.00000	1.1000	0.10664	0.02410	15	-0.84	4%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.0200	0.04000	1.1000	0.10664	0.02410	15	-0.75	4%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.0240	0.00200	1.1000	0.10664	0.02410	15	-0.71	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.0275	0.00100	1.1000	0.10664	0.02410	15	-0.68	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.0350	0.01000	1.1000	0.10664	0.02410	15	-0.61	3%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.0700	0.02000	1.1000	0.10664	0.02410	15	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.0800	0.06000	1.1000	0.10664	0.02410	15	-0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.1050	0.01000	1.1000	0.10664	0.02410	15	0.05	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.1465	0.02700	1.1000	0.10664	0.02410	15	0.44	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.1700	0.08000	1.1000	0.10664	0.02410	15	0.66	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.1725	0.00150	1.1000	0.10664	0.02410	15	0.68	3%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.2050	0.01000	1.1000	0.10664	0.02410	15	0.98	5%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.2350	0.01000	1.1000	0.10664	0.02410	15	1.27	6%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.5950	0.03000	1.1000	0.10664	0.02410	15	4.64	22%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.2200	0.16000	1.1000	0.10664	0.02410	15	1.12	5%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.92000	0.00000				3			0
032.32	Potassium, AAS, Open vessel (%)	0609	1.0850	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.1250	0.01000				3			0
032.41	Potassium, ICP, Dry ash (%)	0511	0.97500	0.11000	1.1118	0.06199	0.03406	22	-2.21	6%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0100	0.04000	1.1118	0.06199	0.03406	22	-1.64	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0003	1.0300	0.08000	1.1118	0.06199	0.03406	22	-1.32	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.0350	0.01000	1.1118	0.06199	0.03406	22	-1.24	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.0600	0.02000	1.1118	0.06199	0.03406	22	-0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.0800	0.02000	1.1118	0.06199	0.03406	22	-0.51	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0900	0.05400	1.1118	0.06199	0.03406	22	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.0950	0.03000	1.1118	0.06199	0.03406	22	-0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.1050	0.02400	1.1118	0.06199	0.03406	22	-0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.1090	0.02400	1.1118	0.06199	0.03406	22	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.1100	0.08000	1.1118	0.06199	0.03406	22	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1100	0.00000	1.1118	0.06199	0.03406	22	-0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.1250	0.03000	1.1118	0.06199	0.03406	22	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.1350	0.01000	1.1118	0.06199	0.03406	22	0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.1450	0.01000	1.1118	0.06199	0.03406	22	0.53	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.1465	0.00700	1.1118	0.06199	0.03406	22	0.56	2%	0
032.41	Potassium, ICP, Dry ash (%)	0695	1.1480	0.00600	1.1118	0.06199	0.03406	22	0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.1650	0.05000	1.1118	0.06199	0.03406	22	0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.1744	0.01340	1.1118	0.06199	0.03406	22	1.01	3%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.1750	0.03000	1.1118	0.06199	0.03406	22	1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.1800	0.08000	1.1118	0.06199	0.03406	22	1.10	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.3032	0.02090	1.1118	0.06199	0.03406	22	3.09	9%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.0900	0.16000	1.1118	0.06199	0.03406	22	-0.35	1%	1
032.41	Potassium, ICP, Dry ash (%)	0358	2.1450	0.01000	1.1118	0.06199	0.03406	22	16.67	46%	2
032.42	Potassium, ICP, Open vessel (%)	0870	1.0565	0.05900	1.1377	0.06084	0.02217	23	-1.34	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.0600	0.02000	1.1377	0.06084	0.02217	23	-1.28	3%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.0700	0.02000	1.1377	0.06084	0.02217	23	-1.11	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.0849	0.00100	1.1377	0.06084	0.02217	23	-0.87	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0952	0.00230	1.1377	0.06084	0.02217	23	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.1050	0.01000	1.1377	0.06084	0.02217	23	-0.54	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.1100	0.04000	1.1377	0.06084	0.02217	23	-0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.1100	0.00000	1.1377	0.06084	0.02217	23	-0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.1109	0.03760	1.1377	0.06084	0.02217	23	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1150	0.03000	1.1377	0.06084	0.02217	23	-0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.1250	0.05000	1.1377	0.06084	0.02217	23	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.1250	0.03000	1.1377	0.06084	0.02217	23	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.1263	0.00330	1.1377	0.06084	0.02217	23	-0.19	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.1295	0.01700	1.1377	0.06084	0.02217	23	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.1350	0.01000	1.1377	0.06084	0.02217	23	-0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.1450	0.01000	1.1377	0.06084	0.02217	23	0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.1950	0.05000	1.1377	0.06084	0.02217	23	0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.1950	0.01000	1.1377	0.06084	0.02217	23	0.94	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.1958	0.04620	1.1377	0.06084	0.02217	23	0.95	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	0560	1.2125	0.02860	1.1377	0.06084	0.02217	23	1.23	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.2125	0.02500	1.1377	0.06084	0.02217	23	1.23	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.2250	0.01000	1.1377	0.06084	0.02217	23	1.43	4%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.3100	0.00000	1.1377	0.06084	0.02217	23	2.83	8%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.93500	0.01000	1.1006	0.06027	0.02565	26	-2.75	8%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.98850	0.02500	1.1006	0.06027	0.02565	26	-1.86	5%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.0050	0.03000	1.1006	0.06027	0.02565	26	-1.59	4%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.0050	0.01000	1.1006	0.06027	0.02565	26	-1.59	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.0500	0.00400	1.1006	0.06027	0.02565	26	-0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.0600	0.02000	1.1006	0.06027	0.02565	26	-0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0939	1.0700	0.06000	1.1006	0.06027	0.02565	26	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.0734	0.08350	1.1006	0.06027	0.02565	26	-0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.0850	0.00400	1.1006	0.06027	0.02565	26	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.0850	0.03000	1.1006	0.06027	0.02565	26	-0.26	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.0915	0.01300	1.1006	0.06027	0.02565	26	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.0950	0.05000	1.1006	0.06027	0.02565	26	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.1000	0.04000	1.1006	0.06027	0.02565	26	-0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.1200	0.04000	1.1006	0.06027	0.02565	26	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.1200	0.00000	1.1006	0.06027	0.02565	26	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.1250	0.01000	1.1006	0.06027	0.02565	26	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.1250	0.03000	1.1006	0.06027	0.02565	26	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.1250	0.05000	1.1006	0.06027	0.02565	26	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0881	1.1250	0.03200	1.1006	0.06027	0.02565	26	0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.1315	0.00300	1.1006	0.06027	0.02565	26	0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.1400	0.02000	1.1006	0.06027	0.02565	26	0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.1450	0.01000	1.1006	0.06027	0.02565	26	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.1630	0.00600	1.1006	0.06027	0.02565	26	1.04	3%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.1758	0.04630	1.1006	0.06027	0.02565	26	1.25	3%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.1800	0.02000	1.1006	0.06027	0.02565	26	1.32	4%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.1900	0.02000	1.1006	0.06027	0.02565	26	1.48	4%	0
032.43	Potassium, ICP, Microwave (%)	0610	11.900	0.00000	1.1006	0.06027	0.02565	26	179.17	491%	2
032.44	Potassium, ICP, Dry ash (%)	0955	1.0800	0.00000				2			0
032.44	Potassium, ICP, Dry ash (%)	2004	1.1150	0.01000				2			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.1850	0.01000				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.0756	0.05150				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.1100	0.00000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.2200	0.04000				1			0
032.99	Potassium, Miscellaneous (%)	2161	1.0400	0.02000	1.0868	0.03506	0.01400	4			0
032.99	Potassium, Miscellaneous (%)	0100	1.0900	0.02000	1.0868	0.03506	0.01400	4			0
032.99	Potassium, Miscellaneous (%)	0889	1.0920	0.00600	1.0868	0.03506	0.01400	4			0
032.99	Potassium, Miscellaneous (%)	0242	1.1250	0.01000	1.0868	0.03506	0.01400	4			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0298	1.3000	0.02000	1.3994	0.06660	0.02646	16	-1.49	4%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.3150	0.07010	1.3994	0.06660	0.02646	16	-1.27	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.3350	0.01000	1.3994	0.06660	0.02646	16	-0.97	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.3550	0.03000	1.3994	0.06660	0.02646	16	-0.67	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	1.3600	0.00000	1.3994	0.06660	0.02646	16	-0.59	1%	0
033.00	Salt as chloride, Sol Cl (%)	0895	1.3750	0.01000	1.3994	0.06660	0.02646	16	-0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.3850	0.03000	1.3994	0.06660	0.02646	16	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.3900	0.02000	1.3994	0.06660	0.02646	16	-0.14	0%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.4000	0.00000	1.3994	0.06660	0.02646	16	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.4150	0.07000	1.3994	0.06660	0.02646	16	0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.4350	0.03000	1.3994	0.06660	0.02646	16	0.53	1%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.4368	0.00360	1.3994	0.06660	0.02646	16	0.56	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.4494	0.00160	1.3994	0.06660	0.02646	16	0.75	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.4500	0.00800	1.3994	0.06660	0.02646	16	0.76	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.4900	0.00000	1.3994	0.06660	0.02646	16	1.36	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.5400	0.12000	1.3994	0.06660	0.02646	16	2.11	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.1550	0.17000	1.3994	0.06660	0.02646	16	-3.67	9%	1
033.01	Salt as chloride, Poten Cl (%)	0619	1.2900	0.00000	1.4420	0.03339	0.01275	34	-4.55	5%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.3555	0.01100	1.4420	0.03339	0.01275	34	-2.59	3%	0
033.01	Salt as chloride, Poten Cl (%)	0011	1.3909	0.00010	1.4420	0.03339	0.01275	34	-1.53	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.4000	0.00000	1.4420	0.03339	0.01275	34	-1.26	1%	0
033.01	Salt as chloride, Poten Cl (%)	0596	1.4040	0.00200	1.4420	0.03339	0.01275	34	-1.14	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.4100	0.04000	1.4420	0.03339	0.01275	34	-0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.4100	0.04000	1.4420	0.03339	0.01275	34	-0.96	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.4130	0.00400	1.4420	0.03339	0.01275	34	-0.87	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.4200	0.00000	1.4420	0.03339	0.01275	34	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.4200	0.00000	1.4420	0.03339	0.01275	34	-0.66	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.4250	0.03000	1.4420	0.03339	0.01275	34	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.4250	0.01000	1.4420	0.03339	0.01275	34	-0.51	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.4300	0.02000	1.4420	0.03339	0.01275	34	-0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0194	1.4350	0.01000	1.4420	0.03339	0.01275	34	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.4400	0.00000	1.4420	0.03339	0.01275	34	-0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.4450	0.01000	1.4420	0.03339	0.01275	34	0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.4450	0.03000	1.4420	0.03339	0.01275	34	0.09	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.4500	0.00000	1.4420	0.03339	0.01275	34	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.4500	0.06000	1.4420	0.03339	0.01275	34	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.4500	0.02000	1.4420	0.03339	0.01275	34	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.4515	0.03300	1.4420	0.03339	0.01275	34	0.28	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	1.4541	0.02950	1.4420	0.03339	0.01275	34	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.4565	0.00100	1.4420	0.03339	0.01275	34	0.43	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.4600	0.02000	1.4420	0.03339	0.01275	34	0.54	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0407	1.4600	0.00600	1.4420	0.03339	0.01275	34	0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.4700	0.00000	1.4420	0.03339	0.01275	34	0.84	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.4700	0.00000	1.4420	0.03339	0.01275	34	0.84	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.4700	0.00000	1.4420	0.03339	0.01275	34	0.84	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.4750	0.01000	1.4420	0.03339	0.01275	34	0.99	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.4750	0.01000	1.4420	0.03339	0.01275	34	0.99	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.4800	0.00000	1.4420	0.03339	0.01275	34	1.14	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.4800	0.02000	1.4420	0.03339	0.01275	34	1.14	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	1.4870	0.01400	1.4420	0.03339	0.01275	34	1.35	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.5885	0.00300	1.4420	0.03339	0.01275	34	4.39	5%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.4050	0.07000	1.4420	0.03339	0.01275	34	-1.11	1%	1
033.03	Salt as chloride, Quantab (%)	0265	1.2250	0.05000	1.2820	0.06130	0.06800	5			0
033.03	Salt as chloride, Quantab (%)	0505	1.2250	0.15000	1.2820	0.06130	0.06800	5			0
033.03	Salt as chloride, Quantab (%)	0726	1.2800	0.04000	1.2820	0.06130	0.06800	5			0
033.03	Salt as chloride, Quantab (%)	0190	1.3100	0.10000	1.2820	0.06130	0.06800	5			0
033.03	Salt as chloride, Quantab (%)	0144	1.3700	0.00000	1.2820	0.06130	0.06800	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.3900	0.00000				1			0
033.99	Salt, Miscellaneous (%)	2161	0.85000	0.00000	1.3935	0.08454	0.02778	9	-6.43	20%	0
033.99	Salt, Miscellaneous (%)	0552	1.3000	0.10000	1.3935	0.08454	0.02778	9	-1.11	3%	0
033.99	Salt, Miscellaneous (%)	0910	1.3550	0.05000	1.3935	0.08454	0.02778	9	-0.46	1%	0
033.99	Salt, Miscellaneous (%)	2073	1.3900	0.00000	1.3935	0.08454	0.02778	9	-0.04	0%	0
033.99	Salt, Miscellaneous (%)	2145	1.4050	0.01000	1.3935	0.08454	0.02778	9	0.14	0%	0
033.99	Salt, Miscellaneous (%)	2144	1.4200	0.02000	1.3935	0.08454	0.02778	9	0.31	1%	0
033.99	Salt, Miscellaneous (%)	0682	1.4500	0.00000	1.3935	0.08454	0.02778	9	0.67	2%	0
033.99	Salt, Miscellaneous (%)	0208	1.4750	0.01000	1.3935	0.08454	0.02778	9	0.96	3%	0
033.99	Salt, Miscellaneous (%)	0358	1.4800	0.06000	1.3935	0.08454	0.02778	9	1.02	3%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	1.8310	0.09600				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.63600	0.06600	1.4472	0.55481	0.08915	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.5478	0.24060	1.4472	0.55481	0.08915	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.7650	0.03000	1.4472	0.55481	0.08915	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	1.8400	0.02000	1.4472	0.55481	0.08915	4			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	1,692.5	85.000	1.4472	0.55481	0.08915	4			2
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.2850	0.21000				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	1.5700	0.00000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.7000	0.00000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	2.4100	0.04000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	1.2984	0.14610				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0939	1.4150	0.33000				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.6850	0.01000	1.8308	0.15305	0.10483	6	-0.95	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.7305	0.05500	1.8308	0.15305	0.10483	6	-0.65	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0560	1.7550	0.07000	1.8308	0.15305	0.10483	6	-0.49	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.8240	0.25400	1.8308	0.15305	0.10483	6	-0.04	0%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	1.9900	0.20000	1.8308	0.15305	0.10483	6	1.04	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	2.0000	0.04000	1.8308	0.15305	0.10483	6	1.11	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.5020	0.04600				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2012	1.6150	0.01000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.7500	0.06000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.3974	0.28280				3			1
034.99	Selenium, Miscellaneous (mg / kg (ppm))	2161	0.11500	0.03000				1			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.51500	0.01000				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.52000	0.03800				2			0
035.02	Sodium, Em Spect (%)	0884	0.52500	0.05000				1			0
035.05	Sodium, Flame Emission (%)	0504	0.56000	0.00000				2			0
035.05	Sodium, Flame Emission (%)	0108	0.65000	0.06000				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.38500	0.11000	0.52442	0.03981	0.02363	21	-3.50	13%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.45750	0.02100	0.52442	0.03981	0.02363	21	-1.68	6%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.46700	0.00200	0.52442	0.03981	0.02363	21	-1.44	5%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.48500	0.01000	0.52442	0.03981	0.02363	21	-0.99	4%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.49000	0.00000	0.52442	0.03981	0.02363	21	-0.86	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.51450	0.00120	0.52442	0.03981	0.02363	21	-0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.51500	0.01000	0.52442	0.03981	0.02363	21	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.51950	0.01100	0.52442	0.03981	0.02363	21	-0.12	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.52000	0.00000	0.52442	0.03981	0.02363	21	-0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.52250	0.00300	0.52442	0.03981	0.02363	21	-0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.52750	0.00900	0.52442	0.03981	0.02363	21	0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.52790	0.00000	0.52442	0.03981	0.02363	21	0.09	0%	0
035.31	Sodium, AAS, Dry ash (%)	2161	0.53000	0.00000	0.52442	0.03981	0.02363	21	0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.53050	0.02300	0.52442	0.03981	0.02363	21	0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0014	0.54300	0.04800	0.52442	0.03981	0.02363	21	0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.54900	0.07200	0.52442	0.03981	0.02363	21	0.62	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.55580	0.04940	0.52442	0.03981	0.02363	21	0.79	3%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.55860	0.00560	0.52442	0.03981	0.02363	21	0.86	3%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.57000	0.00000	0.52442	0.03981	0.02363	21	1.14	4%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.57350	0.07100	0.52442	0.03981	0.02363	21	1.23	5%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.58500	0.05000	0.52442	0.03981	0.02363	21	1.52	6%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.46000	0.00000				3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.53000	0.00000				3			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.53000	0.00000				3			0
035.33	Sodium, AAS, Microwave (%)	0300	0.53000	0.02000				1			0
035.41	Sodium, ICP, Dry ash (%)	0405	0.23300	0.00200	0.53186	0.03804	0.01816	25	-7.86	28%	0
035.41	Sodium, ICP, Dry ash (%)	0511	0.25500	0.01000	0.53186	0.03804	0.01816	25	-7.28	26%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.48790	0.00080	0.53186	0.03804	0.01816	25	-1.16	4%	0



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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0144	0.50000	0.04000	0.53186	0.03804	0.01816	25	-0.84	3%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.50000	0.02000	0.53186	0.03804	0.01816	25	-0.84	3%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.51000	0.00000	0.53186	0.03804	0.01816	25	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0695	0.51350	0.01900	0.53186	0.03804	0.01816	25	-0.48	2%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.51600	0.07400	0.53186	0.03804	0.01816	25	-0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.51950	0.00300	0.53186	0.03804	0.01816	25	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.52000	0.00000	0.53186	0.03804	0.01816	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.52000	0.00000	0.53186	0.03804	0.01816	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.52000	0.00600	0.53186	0.03804	0.01816	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.52000	0.00600	0.53186	0.03804	0.01816	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.52000	0.00000	0.53186	0.03804	0.01816	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.54000	0.00000	0.53186	0.03804	0.01816	25	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.54500	0.05000	0.53186	0.03804	0.01816	25	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.54500	0.07000	0.53186	0.03804	0.01816	25	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.54500	0.03000	0.53186	0.03804	0.01816	25	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.55750	0.02300	0.53186	0.03804	0.01816	25	0.67	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.56150	0.00300	0.53186	0.03804	0.01816	25	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.56960	0.00020	0.53186	0.03804	0.01816	25	0.99	4%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.57350	0.01100	0.53186	0.03804	0.01816	25	1.09	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.58500	0.03000	0.53186	0.03804	0.01816	25	1.40	5%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.60290	0.00900	0.53186	0.03804	0.01816	25	1.87	7%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.61450	0.04700	0.53186	0.03804	0.01816	25	2.17	8%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.45000	0.08000	0.52893	0.03662	0.01389	17	-2.16	7%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.48500	0.01000	0.52893	0.03662	0.01389	17	-1.20	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.49520	0.02780	0.52893	0.03662	0.01389	17	-0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.49550	0.01900	0.52893	0.03662	0.01389	17	-0.91	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.50500	0.01000	0.52893	0.03662	0.01389	17	-0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.51000	0.00200	0.52893	0.03662	0.01389	17	-0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.52225	0.00270	0.52893	0.03662	0.01389	17	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.52500	0.01000	0.52893	0.03662	0.01389	17	-0.11	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.52950	0.01300	0.52893	0.03662	0.01389	17	0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.53080	0.01560	0.52893	0.03662	0.01389	17	0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.53500	0.01000	0.52893	0.03662	0.01389	17	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.54660	0.00360	0.52893	0.03662	0.01389	17	0.48	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.54850	0.00100	0.52893	0.03662	0.01389	17	0.53	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.56500	0.01000	0.52893	0.03662	0.01389	17	0.99	3%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.56720	0.02120	0.52893	0.03662	0.01389	17	1.05	4%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.57335	0.00030	0.52893	0.03662	0.01389	17	1.21	4%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.63000	0.00000	0.52893	0.03662	0.01389	17	2.76	10%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.56950	0.09100	0.52893	0.03662	0.01389	17	1.11	4%	1
035.43	Sodium, ICP, Microwave (%)	0939	0.45000	0.00000	0.51517	0.03221	0.00951	23	-2.02	6%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0038	0.45800	0.01000	0.51517	0.03221	0.00951	23	-1.78	6%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.47000	0.02000	0.51517	0.03221	0.00951	23	-1.40	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.48500	0.03000	0.51517	0.03221	0.00951	23	-0.94	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.49000	0.02000	0.51517	0.03221	0.00951	23	-0.78	2%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.49050	0.00900	0.51517	0.03221	0.00951	23	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.49050	0.00300	0.51517	0.03221	0.00951	23	-0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.50500	0.01000	0.51517	0.03221	0.00951	23	-0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.50700	0.01600	0.51517	0.03221	0.00951	23	-0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.51130	0.02820	0.51517	0.03221	0.00951	23	-0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.51850	0.00300	0.51517	0.03221	0.00951	23	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.52000	0.00000	0.51517	0.03221	0.00951	23	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.52000	0.00000	0.51517	0.03221	0.00951	23	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.52000	0.00000	0.51517	0.03221	0.00951	23	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.53000	0.01000	0.51517	0.03221	0.00951	23	0.46	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.53200	0.00600	0.51517	0.03221	0.00951	23	0.52	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.53300	0.00400	0.51517	0.03221	0.00951	23	0.55	2%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.53500	0.03000	0.51517	0.03221	0.00951	23	0.62	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.54500	0.01000	0.51517	0.03221	0.00951	23	0.93	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.54795	0.00550	0.51517	0.03221	0.00951	23	1.02	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.55000	0.00000	0.51517	0.03221	0.00951	23	1.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.55100	0.00400	0.51517	0.03221	0.00951	23	1.11	3%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.64000	0.00000	0.51517	0.03221	0.00951	23	3.88	12%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.50535	0.02910				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.55600	0.01200				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.54200	0.02200				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.54700	0.01400				2			0
035.99	Sodium, Miscellaneous (%)	0100	0.52500	0.01000				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.54500	0.01000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.55000	0.02000				3			0
036.04	Sulfur, LECO (%)	0229	0.32000	0.00000				2			0
036.04	Sulfur, LECO (%)	0226	0.33500	0.01000				2			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.25995	0.01050	0.29405	0.01888	0.00727	15	-1.81	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.27000	0.02000	0.29405	0.01888	0.00727	15	-1.27	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.27250	0.01300	0.29405	0.01888	0.00727	15	-1.14	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.28535	0.00650	0.29405	0.01888	0.00727	15	-0.46	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.28550	0.00300	0.29405	0.01888	0.00727	15	-0.45	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.28760	0.00620	0.29405	0.01888	0.00727	15	-0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.29300	0.00400	0.29405	0.01888	0.00727	15	-0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.29860	0.00060	0.29405	0.01888	0.00727	15	0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.30000	0.02000	0.29405	0.01888	0.00727	15	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.30000	0.00000	0.29405	0.01888	0.00727	15	0.32	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.42	Sulfur, ICP, Open vessel (%)	0278	0.30000	0.00000	0.29405	0.01888	0.00727	15	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.30010	0.00520	0.29405	0.01888	0.00727	15	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.31500	0.01000	0.29405	0.01888	0.00727	15	1.11	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.31500	0.01000	0.29405	0.01888	0.00727	15	1.11	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.33000	0.00000	0.29405	0.01888	0.00727	15	1.90	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	1,544.2	3,087.7	0.29405	0.01888	0.00727	15	81783.22	262517%	2
036.43	Sulfur, ICP, Microwave (%)	0038	0.27600	0.00600	0.30668	0.01885	0.00402	11	-1.63	5%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.28500	0.01000	0.30668	0.01885	0.00402	11	-1.15	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.29000	0.00000	0.30668	0.01885	0.00402	11	-0.89	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.30400	0.00200	0.30668	0.01885	0.00402	11	-0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.30400	0.00400	0.30668	0.01885	0.00402	11	-0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.30505	0.00990	0.30668	0.01885	0.00402	11	-0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.31650	0.00300	0.30668	0.01885	0.00402	11	0.52	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.32000	0.00000	0.30668	0.01885	0.00402	11	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.32000	0.00600	0.30668	0.01885	0.00402	11	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.32000	0.00000	0.30668	0.01885	0.00402	11	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.33055	0.00330	0.30668	0.01885	0.00402	11	1.27	4%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.28000	0.06000	0.30668	0.01885	0.00402	11	-1.42	4%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.27515	0.00130				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.28600	0.00600				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.32000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.32550	0.00500				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	388.85	12.000	3,727.1	228.19	47.057	18	-14.63	45%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	3,099.5	9.0000	3,727.1	228.19	47.057	18	-2.75	8%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2068	3,335.4	8.4810	3,727.1	228.19	47.057	18	-1.72	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	3,602.7	60.800	3,727.1	228.19	47.057	18	-0.55	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	3,650.0	60.000	3,727.1	228.19	47.057	18	-0.34	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	3,651.3	9.3000	3,727.1	228.19	47.057	18	-0.33	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	3,666.6	207.20	3,727.1	228.19	47.057	18	-0.26	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	3,700.0	120.00	3,727.1	228.19	47.057	18	-0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	3,755.0	10.000	3,727.1	228.19	47.057	18	0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	3,757.0	62.000	3,727.1	228.19	47.057	18	0.13	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	3,790.0	0.00000	3,727.1	228.19	47.057	18	0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	3,790.9	129.60	3,727.1	228.19	47.057	18	0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	3,791.6	48.470	3,727.1	228.19	47.057	18	0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	3,875.0	30.000	3,727.1	228.19	47.057	18	0.65	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	3,900.0	0.00000	3,727.1	228.19	47.057	18	0.76	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	3,905.0	70.000	3,727.1	228.19	47.057	18	0.78	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	4,028.5	7.0000	3,727.1	228.19	47.057	18	1.32	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	4,106.3	3.1800	3,727.1	228.19	47.057	18	1.66	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	4,374.2	282.50	3,727.1	228.19	47.057	18	2.84	9%	1

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	3,595.5	183.00				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	3,850.0	100.00				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	3,925.0	4.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	3,474.0	790.00				3			1
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	3,748.8	5.9320				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	1,125.5	1.5000	3,897.5	304.65	116.82	22	-9.10	36%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	3,166.5	243.00	3,897.5	304.65	116.82	22	-2.40	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	3,608.5	219.00	3,897.5	304.65	116.82	22	-0.95	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	3,682.0	514.00	3,897.5	304.65	116.82	22	-0.71	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	3,768.0	2.0000	3,897.5	304.65	116.82	22	-0.43	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	3,772.0	90.000	3,897.5	304.65	116.82	22	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	3,773.5	225.00	3,897.5	304.65	116.82	22	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	3,773.5	23.000	3,897.5	304.65	116.82	22	-0.41	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	3,788.8	309.14	3,897.5	304.65	116.82	22	-0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	3,824.8	2.7000	3,897.5	304.65	116.82	22	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	3,829.2	1.8250	3,897.5	304.65	116.82	22	-0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0848	3,838.6	31.720	3,897.5	304.65	116.82	22	-0.19	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	3,852.5	374.13	3,897.5	304.65	116.82	22	-0.15	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	3,861.5	101.09	3,897.5	304.65	116.82	22	-0.12	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	3,865.0	70.000	3,897.5	304.65	116.82	22	-0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	4,076.0	28.000	3,897.5	304.65	116.82	22	0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0695	4,096.5	56.967	3,897.5	304.65	116.82	22	0.65	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	4,186.0	72.896	3,897.5	304.65	116.82	22	0.95	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	4,204.0	60.000	3,897.5	304.65	116.82	22	1.01	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	4,453.5	81.000	3,897.5	304.65	116.82	22	1.83	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	4,824.5	5.0000	3,897.5	304.65	116.82	22	3.04	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	5,185.0	58.000	3,897.5	304.65	116.82	22	4.23	17%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	1,371.5	93.000	3,732.1	330.03	109.32	21	-7.15	32%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	3,125.2	16.010	3,732.1	330.03	109.32	21	-1.84	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	3,300.0	440.00	3,732.1	330.03	109.32	21	-1.31	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	3,465.0	100.00	3,732.1	330.03	109.32	21	-0.81	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	3,525.0	150.00	3,732.1	330.03	109.32	21	-0.63	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	3,565.3	54.080	3,732.1	330.03	109.32	21	-0.51	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	3,571.9	108.20	3,732.1	330.03	109.32	21	-0.49	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	3,635.9	16.230	3,732.1	330.03	109.32	21	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	3,650.4	50.800	3,732.1	330.03	109.32	21	-0.25	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	3,666.2	148.43	3,732.1	330.03	109.32	21	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	3,720.0	114.00	3,732.1	330.03	109.32	21	-0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	3,777.0	22.000	3,732.1	330.03	109.32	21	0.14	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	3,810.5	157.00	3,732.1	330.03	109.32	21	0.24	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	3,880.0	160.00	3,732.1	330.03	109.32	21	0.45	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	3,905.1	53.900	3,732.1	330.03	109.32	21	0.52	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	3,933.5	215.00	3,732.1	330.03	109.32	21	0.61	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	3,997.3	6.1400	3,732.1	330.03	109.32	21	0.80	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	4,009.0	54.000	3,732.1	330.03	109.32	21	0.84	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	4,034.5	5.0000	3,732.1	330.03	109.32	21	0.92	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	4,272.0	32.000	3,732.1	330.03	109.32	21	1.64	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	4,670.0	300.00	3,732.1	330.03	109.32	21	2.84	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	3,232.5	35.000	3,774.2	264.58	66.689	22	-2.05	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	3,445.0	90.000	3,774.2	264.58	66.689	22	-1.24	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0939	3,492.0	196.00	3,774.2	264.58	66.689	22	-1.07	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	3,515.5	15.800	3,774.2	264.58	66.689	22	-0.98	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	3,617.0	192.00	3,774.2	264.58	66.689	22	-0.59	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	3,625.0	30.000	3,774.2	264.58	66.689	22	-0.56	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	3,680.0	20.000	3,774.2	264.58	66.689	22	-0.36	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	3,699.9	25.970	3,774.2	264.58	66.689	22	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	3,702.6	21.040	3,774.2	264.58	66.689	22	-0.27	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	3,715.0	30.000	3,774.2	264.58	66.689	22	-0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	3,724.5	191.00	3,774.2	264.58	66.689	22	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	3,763.5	29.000	3,774.2	264.58	66.689	22	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	3,768.7	0.00000	3,774.2	264.58	66.689	22	-0.02	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	3,773.0	54.000	3,774.2	264.58	66.689	22	0.00	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	3,782.7	57.989	3,774.2	264.58	66.689	22	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	3,791.5	77.000	3,774.2	264.58	66.689	22	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	3,934.0	94.000	3,774.2	264.58	66.689	22	0.60	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	4,040.2	26.367	3,774.2	264.58	66.689	22	1.01	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	4,072.3	50.000	3,774.2	264.58	66.689	22	1.13	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0006	4,200.0	80.000	3,774.2	264.58	66.689	22	1.61	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	4,399.5	33.000	3,774.2	264.58	66.689	22	2.36	8%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	4,725.5	119.00	3,774.2	264.58	66.689	22	3.60	13%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	3,560.5	5.0000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	3,635.5	45.000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	3,162.2	8.1000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	3,777.5	21.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	3,895.0	50.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	3,935.0	70.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	3,309.5	25.000	3,705.7	314.87	38.000	6	-1.26	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	3,403.0	74.000	3,705.7	314.87	38.000	6	-0.96	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	3,800.0	0.00000	3,705.7	314.87	38.000	6	0.30	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	3,871.5	61.000	3,705.7	314.87	38.000	6	0.53	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	3,878.5	1.0000	3,705.7	314.87	38.000	6	0.55	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2161	3,971.5	67.000	3,705.7	314.87	38.000	6	0.84	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.6900	0.08000				1			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.4776	0.32660	1.9069	0.35557	0.18165	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.7800	0.06000	1.9069	0.35557	0.18165	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	2.0750	0.05000	1.9069	0.35557	0.18165	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	2.2950	0.29000	1.9069	0.35557	0.18165	4			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.3250	0.03000	1.6437	0.23933	0.13098	6	-1.33	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.5100	0.06000	1.6437	0.23933	0.13098	6	-0.56	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.6465	0.03450	1.6437	0.23933	0.13098	6	0.01	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.6500	0.10000	1.6437	0.23933	0.13098	6	0.03	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.8158	0.33140	1.6437	0.23933	0.13098	6	0.72	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.9150	0.23000	1.6437	0.23933	0.13098	6	1.13	8%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.6500	0.10000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.8150	0.01000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.4295	0.10100				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.6751	0.04540				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.8300	0.02000				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	6.8700	0.24000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.1474	0.55840				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.2650	0.03000				1			0
042.00	Chloride, Titrimetric (%)	0948	0.87500	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0536	0.91000	0.04000				2			0
042.02	Chloride, Ion Chromatography (%)	0904	0.82500	0.07000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	1.3000	0.04000				2			0
042.99	Chloride, Miscellaneous (%)	0019	0.89000	0.00000				2			0
042.99	Chloride, Miscellaneous (%)	0169	0.90000	0.00000				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	1,667.4	204.66				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,420.0	100.00				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,785.0	50.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,994.5	19.000				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	1,495.5	89.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	134.00	4.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	210.29	0.76000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	69.250	0.90000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	21.500	1.0000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	17.345	1.0100				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	2161	22.835	0.03000				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	3.6200	0.00000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	2161	7.0660	0.25800				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	8.2050	0.47000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	9.4100	0.80000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	29.907	0.13300				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
106.01	Vitamin A, UV (KU / kg)	0098	48.050	2.5000				1			0
106.02	Vitamin A, LC (KU / kg)	2161	0.26500	0.01000	33.551	7.7367	3.2736	18	-4.30	50%	0
106.02	Vitamin A, LC (KU / kg)	0905	23.950	2.0660	33.551	7.7367	3.2736	18	-1.24	14%	0
106.02	Vitamin A, LC (KU / kg)	0038	25.455	0.29000	33.551	7.7367	3.2736	18	-1.05	12%	0
106.02	Vitamin A, LC (KU / kg)	0004	27.980	3.7600	33.551	7.7367	3.2736	18	-0.72	8%	0
106.02	Vitamin A, LC (KU / kg)	0861	28.940	16.500	33.551	7.7367	3.2736	18	-0.60	7%	0
106.02	Vitamin A, LC (KU / kg)	2053	29.350	2.1000	33.551	7.7367	3.2736	18	-0.54	6%	0
106.02	Vitamin A, LC (KU / kg)	0003	30.950	2.1000	33.551	7.7367	3.2736	18	-0.34	4%	0
106.02	Vitamin A, LC (KU / kg)	0689	31.650	0.50000	33.551	7.7367	3.2736	18	-0.25	3%	0
106.02	Vitamin A, LC (KU / kg)	0676	32.300	5.4000	33.551	7.7367	3.2736	18	-0.16	2%	0
106.02	Vitamin A, LC (KU / kg)	0227	33.900	6.8000	33.551	7.7367	3.2736	18	0.05	1%	0
106.02	Vitamin A, LC (KU / kg)	2103	34.795	3.6900	33.551	7.7367	3.2736	18	0.16	2%	0
106.02	Vitamin A, LC (KU / kg)	2004	36.100	2.2000	33.551	7.7367	3.2736	18	0.33	4%	0
106.02	Vitamin A, LC (KU / kg)	0675	36.280	7.3000	33.551	7.7367	3.2736	18	0.35	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	37.200	2.4000	33.551	7.7367	3.2736	18	0.47	5%	0
106.02	Vitamin A, LC (KU / kg)	0148	41.250	2.0400	33.551	7.7367	3.2736	18	1.00	11%	0
106.02	Vitamin A, LC (KU / kg)	0563	42.392	0.76920	33.551	7.7367	3.2736	18	1.14	13%	0
106.02	Vitamin A, LC (KU / kg)	0918	44.320	0.00000	33.551	7.7367	3.2736	18	1.39	16%	0
106.02	Vitamin A, LC (KU / kg)	0169	59.500	1.0000	33.551	7.7367	3.2736	18	3.35	39%	0
106.02	Vitamin A, LC (KU / kg)	0208	13,850	6,300.0	33.551	7.7367	3.2736	18	1785.82	20590%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	169.50	3.0000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	6.0000	0.00000				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	5.3000	0.36000	14.111	6.2765	1.3740	7	-1.40	31%	0
108.02	Vitamin D3, LC (KU / kg)	0208	11.600	1.6000	14.111	6.2765	1.3740	7	-0.40	9%	0
108.02	Vitamin D3, LC (KU / kg)	0676	12.570	0.16000	14.111	6.2765	1.3740	7	-0.25	5%	0
108.02	Vitamin D3, LC (KU / kg)	0861	13.180	3.8000	14.111	6.2765	1.3740	7	-0.15	3%	0
108.02	Vitamin D3, LC (KU / kg)	0227	14.650	1.7000	14.111	6.2765	1.3740	7	0.09	2%	0
108.02	Vitamin D3, LC (KU / kg)	2161	18.676	1.5980	14.111	6.2765	1.3740	7	0.73	16%	0
108.02	Vitamin D3, LC (KU / kg)	0918	22.800	0.40000	14.111	6.2765	1.3740	7	1.38	31%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	11.550	0.90000				1			0
109.02	Vitamin E, LC (IU/kg)	2161	106.96	3.5700	177.26	36.116	5.7366	17	-1.95	20%	0
109.02	Vitamin E, LC (IU/kg)	0905	133.00	14.000	177.26	36.116	5.7366	17	-1.23	12%	0
109.02	Vitamin E, LC (IU/kg)	0169	140.00	2.0000	177.26	36.116	5.7366	17	-1.03	11%	0
109.02	Vitamin E, LC (IU/kg)	0208	150.78	8.2000	177.26	36.116	5.7366	17	-0.73	7%	0
109.02	Vitamin E, LC (IU/kg)	0590	158.00	2.0000	177.26	36.116	5.7366	17	-0.53	5%	0
109.02	Vitamin E, LC (IU/kg)	0675	163.49	0.95000	177.26	36.116	5.7366	17	-0.38	4%	0
109.02	Vitamin E, LC (IU/kg)	0955	164.50	13.000	177.26	36.116	5.7366	17	-0.35	4%	0
109.02	Vitamin E, LC (IU/kg)	0098	174.00	0.00000	177.26	36.116	5.7366	17	-0.09	1%	0
109.02	Vitamin E, LC (IU/kg)	0676	176.30	4.0000	177.26	36.116	5.7366	17	-0.03	0%	0
109.02	Vitamin E, LC (IU/kg)	0227	182.50	21.000	177.26	36.116	5.7366	17	0.15	1%	0
109.02	Vitamin E, LC (IU/kg)	0910	186.60	3.6000	177.26	36.116	5.7366	17	0.26	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
109.02	Vitamin E, LC (IU/kg)	0723	186.70	0.00000	177.26	36.116	5.7366	17	0.26	3%	0
109.02	Vitamin E, LC (IU/kg)	0861	190.00	0.00000	177.26	36.116	5.7366	17	0.35	4%	0
109.02	Vitamin E, LC (IU/kg)	0148	206.95	5.3500	177.26	36.116	5.7366	17	0.82	8%	0
109.02	Vitamin E, LC (IU/kg)	0918	214.60	0.00000	177.26	36.116	5.7366	17	1.03	11%	0
109.02	Vitamin E, LC (IU/kg)	0563	240.30	2.8515	177.26	36.116	5.7366	17	1.75	18%	0
109.02	Vitamin E, LC (IU/kg)	2053	537.50	17.000	177.26	36.116	5.7366	17	9.97	102%	0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2171	1.9300	0.32000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	7.0900	0.36000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	4.8200	0.76000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.97000	0.03400				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.98285	0.02170	1.0463	0.02197	0.01537	21	-2.89	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.0260	0.01800	1.0463	0.02197	0.01537	21	-0.92	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.0266	0.03490	1.0463	0.02197	0.01537	21	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0208	1.0300	0.02000	1.0463	0.02197	0.01537	21	-0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.0340	0.00200	1.0463	0.02197	0.01537	21	-0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0350	0.03000	1.0463	0.02197	0.01537	21	-0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0350	0.03000	1.0463	0.02197	0.01537	21	-0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.0375	0.01700	1.0463	0.02197	0.01537	21	-0.40	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.0375	0.00100	1.0463	0.02197	0.01537	21	-0.40	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.0390	0.00200	1.0463	0.02197	0.01537	21	-0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.0394	0.00020	1.0463	0.02197	0.01537	21	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.0400	0.02000	1.0463	0.02197	0.01537	21	-0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.0430	0.01200	1.0463	0.02197	0.01537	21	-0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.0485	0.01100	1.0463	0.02197	0.01537	21	0.10	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.0500	0.02000	1.0463	0.02197	0.01537	21	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.0600	0.00000	1.0463	0.02197	0.01537	21	0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.0650	0.01000	1.0463	0.02197	0.01537	21	0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.0750	0.01000	1.0463	0.02197	0.01537	21	1.31	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.0825	0.01900	1.0463	0.02197	0.01537	21	1.65	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.1060	0.04390	1.0463	0.02197	0.01537	21	2.71	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.1700	0.00000	1.0463	0.02197	0.01537	21	5.63	6%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.0395	0.02300				1			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.98500	0.03000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.0075	0.00500				3			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0085	0.02700				3			0
120.99	Alanine, Miscellaneous (%)	2146	1.0300	0.06000				2			0
120.99	Alanine, Miscellaneous (%)	0904	1.0900	0.08000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.1975	0.01500	1.2543	0.04609	0.01931	21	-1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2000	0.02000	1.2543	0.04609	0.01931	21	-1.18	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2000	0.04000	1.2543	0.04609	0.01931	21	-1.18	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2065	0.00220	1.2543	0.04609	0.01931	21	-1.04	2%	0



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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	1.2077	0.00410	1.2543	0.04609	0.01931	21	-1.01	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2250	0.03000	1.2543	0.04609	0.01931	21	-0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	1.2300	0.06000	1.2543	0.04609	0.01931	21	-0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.2332	0.03950	1.2543	0.04609	0.01931	21	-0.46	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0208	1.2450	0.01000	1.2543	0.04609	0.01931	21	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2500	0.04000	1.2543	0.04609	0.01931	21	-0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2600	0.02000	1.2543	0.04609	0.01931	21	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2630	0.00000	1.2543	0.04609	0.01931	21	0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.2635	0.00700	1.2543	0.04609	0.01931	21	0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.2635	0.02700	1.2543	0.04609	0.01931	21	0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2694	0.00670	1.2543	0.04609	0.01931	21	0.33	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.2705	0.00300	1.2543	0.04609	0.01931	21	0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2975	0.00900	1.2543	0.04609	0.01931	21	0.94	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3020	0.00200	1.2543	0.04609	0.01931	21	1.04	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3090	0.02000	1.2543	0.04609	0.01931	21	1.19	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.3500	0.04000	1.2543	0.04609	0.01931	21	2.08	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.3550	0.01000	1.2543	0.04609	0.01931	21	2.19	4%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.2920	0.00400				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.1820	0.01600				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.2150	0.03000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.2650	0.04000				3			0
121.99	Arginine, Miscellaneous (%)	0904	1.2200	0.04000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.9100	0.04000	1.9994	0.05822	0.03703	21	-1.54	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	1.9149	0.01630	1.9994	0.05822	0.03703	21	-1.45	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0208	1.9350	0.01000	1.9994	0.05822	0.03703	21	-1.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.9466	0.00210	1.9994	0.05822	0.03703	21	-0.91	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.9565	0.01300	1.9994	0.05822	0.03703	21	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.9700	0.12000	1.9994	0.05822	0.03703	21	-0.51	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.9765	0.00500	1.9994	0.05822	0.03703	21	-0.39	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.9850	0.00200	1.9994	0.05822	0.03703	21	-0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.9900	0.02000	1.9994	0.05822	0.03703	21	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.9910	0.00000	1.9994	0.05822	0.03703	21	-0.14	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.0000	0.06000	1.9994	0.05822	0.03703	21	0.01	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.0020	0.03600	1.9994	0.05822	0.03703	21	0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.0065	0.01900	1.9994	0.05822	0.03703	21	0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.0150	0.01000	1.9994	0.05822	0.03703	21	0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	2.0200	0.10000	1.9994	0.05822	0.03703	21	0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.0233	0.06290	1.9994	0.05822	0.03703	21	0.41	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.0350	0.05000	1.9994	0.05822	0.03703	21	0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.0550	0.02400	1.9994	0.05822	0.03703	21	0.95	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.0800	0.04000	1.9994	0.05822	0.03703	21	1.38	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.1375	0.05740	1.9994	0.05822	0.03703	21	2.37	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	2.1550	0.09000	1.9994	0.05822	0.03703	21	2.67	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.0375	0.07300				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.8415	0.13100				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.9050	0.09000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.0400	0.06000				3			0
122.99	Aspartic, Miscellaneous (%)	0904	1.6800	0.08000				2			0
122.99	Aspartic, Miscellaneous (%)	2146	1.9150	0.01000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.29585	0.00210	0.33305	0.01370	0.00779	19	-2.71	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.31730	0.03460	0.33305	0.01370	0.00779	19	-1.15	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.32000	0.02000	0.33305	0.01370	0.00779	19	-0.95	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0662	0.32005	0.00250	0.33305	0.01370	0.00779	19	-0.95	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.32450	0.00100	0.33305	0.01370	0.00779	19	-0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.32500	0.01000	0.33305	0.01370	0.00779	19	-0.59	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.32750	0.00700	0.33305	0.01370	0.00779	19	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.32850	0.00300	0.33305	0.01370	0.00779	19	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.32950	0.00100	0.33305	0.01370	0.00779	19	-0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.33000	0.00000	0.33305	0.01370	0.00779	19	-0.22	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.33500	0.01000	0.33305	0.01370	0.00779	19	0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.33500	0.01000	0.33305	0.01370	0.00779	19	0.14	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.33850	0.00100	0.33305	0.01370	0.00779	19	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.34100	0.00600	0.33305	0.01370	0.00779	19	0.58	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.34155	0.00190	0.33305	0.01370	0.00779	19	0.62	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.34800	0.00200	0.33305	0.01370	0.00779	19	1.09	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.34950	0.00300	0.33305	0.01370	0.00779	19	1.20	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.35100	0.00600	0.33305	0.01370	0.00779	19	1.31	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.35350	0.02700	0.33305	0.01370	0.00779	19	1.49	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0208	0.39600	0.06200	0.33305	0.01370	0.00779	19	4.59	9%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.34800	0.00200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.32850	0.00500				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.33000	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.34250	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2145	0.20000	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.30000	0.06000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.39000	0.00000				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3000	0.06000	3.4726	0.11047	0.04572	21	-1.56	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3249	0.00040	3.4726	0.11047	0.04572	21	-1.34	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.3870	0.02800	3.4726	0.11047	0.04572	21	-0.77	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	3.3993	0.01440	3.4726	0.11047	0.04572	21	-0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.4065	0.02100	3.4726	0.11047	0.04572	21	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.4200	0.04000	3.4726	0.11047	0.04572	21	-0.48	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.4200	0.04000	3.4726	0.11047	0.04572	21	-0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4215	0.00500	3.4726	0.11047	0.04572	21	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.4310	0.02800	3.4726	0.11047	0.04572	21	-0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.4335	0.00300	3.4726	0.11047	0.04572	21	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.4400	0.08000	3.4726	0.11047	0.04572	21	-0.30	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4450	0.05000	3.4726	0.11047	0.04572	21	-0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.4700	0.04000	3.4726	0.11047	0.04572	21	-0.02	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.5003	0.11510	3.4726	0.11047	0.04572	21	0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.5165	0.00500	3.4726	0.11047	0.04572	21	0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.5380	0.05800	3.4726	0.11047	0.04572	21	0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.5745	0.04220	3.4726	0.11047	0.04572	21	0.92	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.5750	0.11000	3.4726	0.11047	0.04572	21	0.93	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0208	3.6450	0.05000	3.4726	0.11047	0.04572	21	1.56	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	3.6800	0.08000	3.4726	0.11047	0.04572	21	1.88	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.8850	0.09000	3.4726	0.11047	0.04572	21	3.73	6%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4590	0.09800				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.2600	0.10000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.2665	0.15700				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.5300	0.12000				3			0
125.99	Glutamic, Miscellaneous (%)	0904	3.3300	0.06000				2			0
125.99	Glutamic, Miscellaneous (%)	2146	3.8850	0.01000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.92155	0.01250	0.98744	0.01920	0.01504	21	-3.43	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.96050	0.03500	0.98744	0.01920	0.01504	21	-1.40	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.96370	0.00080	0.98744	0.01920	0.01504	21	-1.24	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.96500	0.03000	0.98744	0.01920	0.01504	21	-1.17	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.97400	0.01800	0.98744	0.01920	0.01504	21	-0.70	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.97750	0.00500	0.98744	0.01920	0.01504	21	-0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.98000	0.03600	0.98744	0.01920	0.01504	21	-0.39	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.98100	0.00800	0.98744	0.01920	0.01504	21	-0.34	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.98500	0.01000	0.98744	0.01920	0.01504	21	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0208	0.99000	0.00000	0.98744	0.01920	0.01504	21	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.99000	0.00000	0.98744	0.01920	0.01504	21	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.99000	0.00000	0.98744	0.01920	0.01504	21	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.99200	0.00400	0.98744	0.01920	0.01504	21	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.99350	0.00100	0.98744	0.01920	0.01504	21	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.99450	0.00900	0.98744	0.01920	0.01504	21	0.37	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.99750	0.01100	0.98744	0.01920	0.01504	21	0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.0000	0.02000	0.98744	0.01920	0.01504	21	0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.0015	0.01700	0.98744	0.01920	0.01504	21	0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.0095	0.01900	0.98744	0.01920	0.01504	21	1.15	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.0213	0.02950	0.98744	0.01920	0.01504	21	1.76	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.1450	0.05000	0.98744	0.01920	0.01504	21	8.21	8%	0
126.02	Glycine, Post-col OPA Der (%)	0098	1.0095	0.04300				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.96000	0.02000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.98400	0.02000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.99750	0.01500				3			0
126.99	Glycine, Miscellaneous (%)	2146	0.93500	0.01000				2			0
126.99	Glycine, Miscellaneous (%)	0904	0.94000	0.02000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.45830	0.00140	0.49720	0.01848	0.01064	19	-2.10	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.46300	0.00300	0.49720	0.01848	0.01064	19	-1.85	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.47715	0.01470	0.49720	0.01848	0.01064	19	-1.08	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.48250	0.00300	0.49720	0.01848	0.01064	19	-0.80	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0208	0.48500	0.01000	0.49720	0.01848	0.01064	19	-0.66	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.48700	0.00800	0.49720	0.01848	0.01064	19	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.48850	0.00100	0.49720	0.01848	0.01064	19	-0.47	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.49500	0.01000	0.49720	0.01848	0.01064	19	-0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.49500	0.01000	0.49720	0.01848	0.01064	19	-0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.49850	0.00100	0.49720	0.01848	0.01064	19	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.49900	0.00400	0.49720	0.01848	0.01064	19	0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.50200	0.01400	0.49720	0.01848	0.01064	19	0.26	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.50400	0.01200	0.49720	0.01848	0.01064	19	0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.51000	0.00600	0.49720	0.01848	0.01064	19	0.69	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.51150	0.00300	0.49720	0.01848	0.01064	19	0.77	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.51270	0.02100	0.49720	0.01848	0.01064	19	0.84	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.51500	0.01000	0.49720	0.01848	0.01064	19	0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.52000	0.04000	0.49720	0.01848	0.01064	19	1.23	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.52500	0.03000	0.49720	0.01848	0.01064	19	1.50	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.60000	0.08000	0.49720	0.01848	0.01064	19	5.56	10%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.49950	0.00500				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.46000	0.02000				3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.49650	0.01500				3			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.50500	0.01000				3			0
127.99	Histidine, Miscellaneous (%)	0904	0.49500	0.01000				2			0
127.99	Histidine, Miscellaneous (%)	2146	0.51000	0.02000				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.66250	0.01820	0.81872	0.03587	0.01788	20	-4.35	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.70350	0.00300	0.81872	0.03587	0.01788	20	-3.21	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.78895	0.02570	0.81872	0.03587	0.01788	20	-0.83	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.78900	0.00400	0.81872	0.03587	0.01788	20	-0.83	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.79500	0.01000	0.81872	0.03587	0.01788	20	-0.66	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.79900	0.02800	0.81872	0.03587	0.01788	20	-0.55	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0208	0.80000	0.00000	0.81872	0.03587	0.01788	20	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.80045	0.08290	0.81872	0.03587	0.01788	20	-0.51	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.80850	0.00300	0.81872	0.03587	0.01788	20	-0.28	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.81350	0.00300	0.81872	0.03587	0.01788	20	-0.15	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.81415	0.00770	0.81872	0.03587	0.01788	20	-0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.82500	0.01000	0.81872	0.03587	0.01788	20	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.83200	0.01200	0.81872	0.03587	0.01788	20	0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.84150	0.00500	0.81872	0.03587	0.01788	20	0.64	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.84500	0.01000	0.81872	0.03587	0.01788	20	0.73	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.85000	0.02000	0.81872	0.03587	0.01788	20	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.85000	0.02000	0.81872	0.03587	0.01788	20	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	0.85700	0.07200	0.81872	0.03587	0.01788	20	1.07	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.86550	0.02300	0.81872	0.03587	0.01788	20	1.30	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.87000	0.00000	0.81872	0.03587	0.01788	20	1.43	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.76500	0.11000	0.81872	0.03587	0.01788	20	-1.50	3%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.83700	0.00800				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.77000	0.02000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.85000	0.01000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.86250	0.05500				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.80500	0.01000				3			0
128.99	Isoleucine, Miscellaneous (%)	0904	0.81000	0.06000				3			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.98500	0.01000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.4325	0.02700	1.6058	0.04998	0.02138	20	-3.47	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.5350	0.05000	1.6058	0.04998	0.02138	20	-1.42	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.5364	0.04620	1.6058	0.04998	0.02138	20	-1.39	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0208	1.5550	0.03000	1.6058	0.04998	0.02138	20	-1.02	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	1.5774	0.02820	1.6058	0.04998	0.02138	20	-0.57	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.5800	0.02000	1.6058	0.04998	0.02138	20	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.6000	0.04000	1.6058	0.04998	0.02138	20	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.6000	0.00000	1.6058	0.04998	0.02138	20	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.6010	0.02200	1.6058	0.04998	0.02138	20	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.6075	0.01300	1.6058	0.04998	0.02138	20	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.6075	0.00700	1.6058	0.04998	0.02138	20	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.6100	0.02000	1.6058	0.04998	0.02138	20	0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.6235	0.01100	1.6058	0.04998	0.02138	20	0.35	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.6260	0.00200	1.6058	0.04998	0.02138	20	0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.6297	0.00790	1.6058	0.04998	0.02138	20	0.48	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.6400	0.02000	1.6058	0.04998	0.02138	20	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.6400	0.00000	1.6058	0.04998	0.02138	20	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	1.6550	0.05000	1.6058	0.04998	0.02138	20	0.98	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.6930	0.00400	1.6058	0.04998	0.02138	20	1.74	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.7174	0.02930	1.6058	0.04998	0.02138	20	2.23	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.6750	0.25000	1.6058	0.04998	0.02138	20	1.38	2%	1

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.02	Leucine, Post-col OPA Der (%)	0098	1.6620	0.00800				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.6050	0.11000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.6230	0.01800				3			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.7250	0.02000				3			0
129.99	Leucine, Miscellaneous (%)	2144	0.98500	0.03000				3			0
129.99	Leucine, Miscellaneous (%)	0904	1.5300	0.12000				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.6000	0.02000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.2950	0.01000	1.3975	0.05349	0.02333	21	-1.92	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0208	1.3000	0.02000	1.3975	0.05349	0.02333	21	-1.82	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.3300	0.02200	1.3975	0.05349	0.02333	21	-1.26	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.3386	0.00620	1.3975	0.05349	0.02333	21	-1.10	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.3555	0.02700	1.3975	0.05349	0.02333	21	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.3650	0.03000	1.3975	0.05349	0.02333	21	-0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.3700	0.02000	1.3975	0.05349	0.02333	21	-0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.3855	0.01100	1.3975	0.05349	0.02333	21	-0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.3950	0.00600	1.3975	0.05349	0.02333	21	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.4000	0.06000	1.3975	0.05349	0.02333	21	0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.4005	0.00100	1.3975	0.05349	0.02333	21	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.4100	0.04000	1.3975	0.05349	0.02333	21	0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.4105	0.00300	1.3975	0.05349	0.02333	21	0.24	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.4300	0.02000	1.3975	0.05349	0.02333	21	0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.4300	0.04000	1.3975	0.05349	0.02333	21	0.61	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.4305	0.01100	1.3975	0.05349	0.02333	21	0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.4350	0.01000	1.3975	0.05349	0.02333	21	0.70	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.4354	0.00730	1.3975	0.05349	0.02333	21	0.71	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.4536	0.04550	1.3975	0.05349	0.02333	21	1.05	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.4600	0.04000	1.3975	0.05349	0.02333	21	1.17	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.5200	0.06000	1.3975	0.05349	0.02333	21	2.29	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	1.3720	0.15960	1.3975	0.05349	0.02333	21	-0.48	1%	1
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.5070	0.06600				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.3400	0.02000	1.3965	0.03595	0.04700	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.3900	0.05000	1.3965	0.03595	0.04700	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	1.4050	0.05000	1.3965	0.03595	0.04700	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.4100	0.00000	1.3965	0.03595	0.04700	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.4375	0.11500	1.3965	0.03595	0.04700	5			0
130.99	L-Lysine, Miscellaneous (%)	2145	1.1700	0.04000				3			0
130.99	L-Lysine, Miscellaneous (%)	0904	1.4000	0.04000				3			0
130.99	L-Lysine, Miscellaneous (%)	2146	1.7750	0.03000				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.37500	0.00400	0.43509	0.02977	0.01032	20	-2.02	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0208	0.40500	0.01000	0.43509	0.02977	0.01032	20	-1.01	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.40500	0.01000	0.43509	0.02977	0.01032	20	-1.01	3%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.40800	0.00400	0.43509	0.02977	0.01032	20	-0.91	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.40930	0.00260	0.43509	0.02977	0.01032	20	-0.87	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.41500	0.01000	0.43509	0.02977	0.01032	20	-0.67	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.41715	0.03850	0.43509	0.02977	0.01032	20	-0.60	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.42500	0.00600	0.43509	0.02977	0.01032	20	-0.34	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.42600	0.00400	0.43509	0.02977	0.01032	20	-0.31	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.43200	0.00400	0.43509	0.02977	0.01032	20	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.43450	0.00900	0.43509	0.02977	0.01032	20	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.44000	0.00000	0.43509	0.02977	0.01032	20	0.16	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.44300	0.00600	0.43509	0.02977	0.01032	20	0.27	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.45000	0.04000	0.43509	0.02977	0.01032	20	0.50	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.45500	0.03000	0.43509	0.02977	0.01032	20	0.67	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.45650	0.00100	0.43509	0.02977	0.01032	20	0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.46500	0.00400	0.43509	0.02977	0.01032	20	1.00	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.46550	0.00500	0.43509	0.02977	0.01032	20	1.02	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.48040	0.00740	0.43509	0.02977	0.01032	20	1.52	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.48705	0.01090	0.43509	0.02977	0.01032	20	1.75	6%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.43400	0.01000				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.37750	0.00500	0.39688	0.01978	0.00225	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.39200	0.00000	0.39688	0.01978	0.00225	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.39350	0.00300	0.39688	0.01978	0.00225	4			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.42450	0.00100	0.39688	0.01978	0.00225	4			0
131.99	Methionine, Miscellaneous (%)	0904	0.40000	0.04000	0.48000	0.06285	0.02500	4			0
131.99	Methionine, Miscellaneous (%)	2146	0.46000	0.02000	0.48000	0.06285	0.02500	4			0
131.99	Methionine, Miscellaneous (%)	2145	0.52500	0.03000	0.48000	0.06285	0.02500	4			0
131.99	Methionine, Miscellaneous (%)	2144	0.53500	0.01000	0.48000	0.06285	0.02500	4			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.88515	0.02970	0.96118	0.03596	0.02229	21	-2.11	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.91650	0.01700	0.96118	0.03596	0.02229	21	-1.24	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.92200	0.02600	0.96118	0.03596	0.02229	21	-1.09	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.92500	0.01000	0.96118	0.03596	0.02229	21	-1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	0.93300	0.03600	0.96118	0.03596	0.02229	21	-0.78	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.93500	0.07000	0.96118	0.03596	0.02229	21	-0.73	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.95000	0.00000	0.96118	0.03596	0.02229	21	-0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.95000	0.04000	0.96118	0.03596	0.02229	21	-0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.95445	0.00810	0.96118	0.03596	0.02229	21	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.95450	0.00700	0.96118	0.03596	0.02229	21	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0208	0.95500	0.01000	0.96118	0.03596	0.02229	21	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.96200	0.00800	0.96118	0.03596	0.02229	21	0.02	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.96750	0.01700	0.96118	0.03596	0.02229	21	0.18	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.96950	0.00500	0.96118	0.03596	0.02229	21	0.23	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.97500	0.01000	0.96118	0.03596	0.02229	21	0.38	1%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.98500	0.07000	0.96118	0.03596	0.02229	21	0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.99650	0.02700	0.96118	0.03596	0.02229	21	0.98	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.99950	0.02500	0.96118	0.03596	0.02229	21	1.07	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.0050	0.00400	0.96118	0.03596	0.02229	21	1.22	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.0069	0.02620	0.96118	0.03596	0.02229	21	1.27	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	1.0169	0.02200	0.96118	0.03596	0.02229	21	1.55	3%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.95700	0.00600				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.92500	0.03000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.94150	0.01300				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.97000	0.01000				3			0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.88000	0.08000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.92500	0.03000				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	1.0526	0.00700	1.1359	0.04883	0.02235	20	-1.71	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.0671	0.02980	1.1359	0.04883	0.02235	20	-1.41	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0703	0.00510	1.1359	0.04883	0.02235	20	-1.35	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.0800	0.00000	1.1359	0.04883	0.02235	20	-1.15	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1100	0.04000	1.1359	0.04883	0.02235	20	-0.53	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.1120	0.01200	1.1359	0.04883	0.02235	20	-0.49	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.1250	0.03000	1.1359	0.04883	0.02235	20	-0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.1300	0.00000	1.1359	0.04883	0.02235	20	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.1325	0.00100	1.1359	0.04883	0.02235	20	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.1400	0.02000	1.1359	0.04883	0.02235	20	0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1410	0.03200	1.1359	0.04883	0.02235	20	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1455	0.01700	1.1359	0.04883	0.02235	20	0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1465	0.01100	1.1359	0.04883	0.02235	20	0.22	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0208	1.1550	0.01000	1.1359	0.04883	0.02235	20	0.39	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1650	0.01000	1.1359	0.04883	0.02235	20	0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1675	0.00900	1.1359	0.04883	0.02235	20	0.65	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.1750	0.05000	1.1359	0.04883	0.02235	20	0.80	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.1755	0.06100	1.1359	0.04883	0.02235	20	0.81	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.2650	0.03000	1.1359	0.04883	0.02235	20	2.64	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.2681	0.07210	1.1359	0.04883	0.02235	20	2.71	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.0700	0.14000	1.1359	0.04883	0.02235	20	-1.35	3%	1
133.05	Proline, Pre-col AQC Der (%)	0148	1.1155	0.00100				3			0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1520	0.00400				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.1700	0.06000				3			0
133.99	Proline, Miscellaneous (%)	2146	1.0900	0.00000				2			0
133.99	Proline, Miscellaneous (%)	0904	1.1450	0.09000				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.79500	0.07000	0.99404	0.04243	0.02162	21	-4.69	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.93330	0.01700	0.99404	0.04243	0.02162	21	-1.43	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0208	0.95000	0.02000	0.99404	0.04243	0.02162	21	-1.04	2%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.95850	0.00100	0.99404	0.04243	0.02162	21	-0.84	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.96500	0.01000	0.99404	0.04243	0.02162	21	-0.68	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.97500	0.02600	0.99404	0.04243	0.02162	21	-0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.98100	0.02200	0.99404	0.04243	0.02162	21	-0.31	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.98150	0.02100	0.99404	0.04243	0.02162	21	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.98300	0.00000	0.99404	0.04243	0.02162	21	-0.26	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.98375	0.00230	0.99404	0.04243	0.02162	21	-0.24	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.99250	0.00300	0.99404	0.04243	0.02162	21	-0.04	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.99500	0.01000	0.99404	0.04243	0.02162	21	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.99600	0.01000	0.99404	0.04243	0.02162	21	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.0050	0.03000	0.99404	0.04243	0.02162	21	0.26	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.0100	0.00000	0.99404	0.04243	0.02162	21	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.0100	0.01600	0.99404	0.04243	0.02162	21	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	1.0105	0.05900	0.99404	0.04243	0.02162	21	0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.0414	0.03170	0.99404	0.04243	0.02162	21	1.11	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.0600	0.00800	0.99404	0.04243	0.02162	21	1.55	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.1562	0.03710	0.99404	0.04243	0.02162	21	3.82	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.1600	0.06000	0.99404	0.04243	0.02162	21	3.91	8%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.95200	0.01600				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.89500	0.01000				3			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.95450	0.00300				3			0
134.05	Serine, Pre-col AQC Der (%)	0148	0.99750	0.01500				3			0
134.99	Serine, Miscellaneous (%)	2146	0.94000	0.04000				2			0
134.99	Serine, Miscellaneous (%)	0904	0.98000	0.06000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0160	0.75500	0.03000	0.89587	0.04312	0.01388	21	-3.27	8%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.83550	0.00700	0.89587	0.04312	0.01388	21	-1.40	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.83760	0.00540	0.89587	0.04312	0.01388	21	-1.35	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.85500	0.03000	0.89587	0.04312	0.01388	21	-0.95	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.86690	0.02720	0.89587	0.04312	0.01388	21	-0.67	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.87350	0.00200	0.89587	0.04312	0.01388	21	-0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.88900	0.00600	0.89587	0.04312	0.01388	21	-0.16	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.89000	0.00000	0.89587	0.04312	0.01388	21	-0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.89050	0.00100	0.89587	0.04312	0.01388	21	-0.12	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.89500	0.01600	0.89587	0.04312	0.01388	21	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.89800	0.00800	0.89587	0.04312	0.01388	21	0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0208	0.90000	0.02000	0.89587	0.04312	0.01388	21	0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.90000	0.00000	0.89587	0.04312	0.01388	21	0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.90000	0.00000	0.89587	0.04312	0.01388	21	0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.90500	0.01000	0.89587	0.04312	0.01388	21	0.21	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.90500	0.01000	0.89587	0.04312	0.01388	21	0.21	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.93000	0.02000	0.89587	0.04312	0.01388	21	0.79	2%	0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.94000	0.02000	0.89587	0.04312	0.01388	21	1.02	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.95500	0.03000	0.89587	0.04312	0.01388	21	1.37	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.95550	0.01100	0.89587	0.04312	0.01388	21	1.38	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.99685	0.03790	0.89587	0.04312	0.01388	21	2.34	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.93200	0.09000	0.89587	0.04312	0.01388	21	0.84	2%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.92950	0.01700				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.85000	0.02000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.89000	0.01000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.89350	0.01900				3			0
135.99	Threonine, Miscellaneous (%)	0904	0.85000	0.04000				3			0
135.99	Threonine, Miscellaneous (%)	2146	0.87000	0.02000				3			0
135.99	Threonine, Miscellaneous (%)	2145	1.0000	0.02000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.18400	0.00600	0.24183	0.04910	0.00840	7	-1.18	12%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.19620	0.00080	0.24183	0.04910	0.00840	7	-0.93	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.22150	0.00760	0.24183	0.04910	0.00840	7	-0.41	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.25110	0.01640	0.24183	0.04910	0.00840	7	0.19	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.25500	0.01000	0.24183	0.04910	0.00840	7	0.27	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.29000	0.00800	0.24183	0.04910	0.00840	7	0.98	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.29500	0.01000	0.24183	0.04910	0.00840	7	1.08	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0208	0.21700	0.00000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.26400	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.23800	0.00000				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.23200	0.02600	0.24409	0.00776	0.00857	6	-1.56	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.24110	0.00340	0.24409	0.00776	0.00857	6	-0.39	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.24450	0.00500	0.24409	0.00776	0.00857	6	0.05	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24500	0.00400	0.24409	0.00776	0.00857	6	0.12	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.25050	0.00500	0.24409	0.00776	0.00857	6	0.83	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.25100	0.00800	0.24409	0.00776	0.00857	6	0.89	1%	0
136.99	Tryptophan, Miscellaneous (%)	0904	0.22000	0.00000				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.24000	0.00000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.50000	0.02000	0.63658	0.05461	0.02743	16	-2.50	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.51440	0.00400	0.63658	0.05461	0.02743	16	-2.24	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.59650	0.01700	0.63658	0.05461	0.02743	16	-0.73	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	0.59775	0.01230	0.63658	0.05461	0.02743	16	-0.71	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.61500	0.07000	0.63658	0.05461	0.02743	16	-0.40	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0208	0.62000	0.00000	0.63658	0.05461	0.02743	16	-0.30	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.62500	0.01000	0.63658	0.05461	0.02743	16	-0.21	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.62800	0.00400	0.63658	0.05461	0.02743	16	-0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.63000	0.02000	0.63658	0.05461	0.02743	16	-0.12	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.64850	0.00500	0.63658	0.05461	0.02743	16	0.22	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.65615	0.02150	0.63658	0.05461	0.02743	16	0.36	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.67050	0.00100	0.63658	0.05461	0.02743	16	0.62	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.67750	0.13500	0.63658	0.05461	0.02743	16	0.75	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.69000	0.00600	0.63658	0.05461	0.02743	16	0.98	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.70250	0.00300	0.63658	0.05461	0.02743	16	1.21	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.75500	0.11000	0.63658	0.05461	0.02743	16	2.17	9%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.70350	0.00700				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.53350	0.01500				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.73500	0.05000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.75000	0.04000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.60000	0.00000				2			0
137.99	Tyrosine, Miscellaneous (%)	0904	0.66500	0.01000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.85165	0.02950	0.99280	0.04779	0.01832	20	-2.95	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.93800	0.02800	0.99280	0.04779	0.01832	20	-1.15	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.94000	0.02000	0.99280	0.04779	0.01832	20	-1.10	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.94200	0.02200	0.99280	0.04779	0.01832	20	-1.06	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.95655	0.00670	0.99280	0.04779	0.01832	20	-0.76	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.96350	0.01100	0.99280	0.04779	0.01832	20	-0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.96500	0.03000	0.99280	0.04779	0.01832	20	-0.58	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.97200	0.00600	0.99280	0.04779	0.01832	20	-0.44	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.98500	0.01000	0.99280	0.04779	0.01832	20	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.99000	0.02000	0.99280	0.04779	0.01832	20	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.99100	0.00000	0.99280	0.04779	0.01832	20	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.0030	0.01200	0.99280	0.04779	0.01832	20	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.0125	0.00700	0.99280	0.04779	0.01832	20	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	1.0279	0.05360	0.99280	0.04779	0.01832	20	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.0300	0.00000	0.99280	0.04779	0.01832	20	0.78	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.0325	0.00500	0.99280	0.04779	0.01832	20	0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.0350	0.01000	0.99280	0.04779	0.01832	20	0.88	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.0365	0.00560	0.99280	0.04779	0.01832	20	0.91	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.0500	0.06000	0.99280	0.04779	0.01832	20	1.20	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0208	1.0650	0.03000	0.99280	0.04779	0.01832	20	1.51	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.0070	0.10600	0.99280	0.04779	0.01832	20	0.30	1%	1
138.02	Valine, Post-col OPA Der (%)	0098	1.0370	0.01800				1			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.96500	0.03000				3			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.99300	0.01800				3			0
138.05	Valine, Pre-col AQC Der (%)	0148	1.0750	0.03000				3			0
138.99	Valine, Miscellaneous (%)	0904	0.96000	0.08000				2			0
138.99	Valine, Miscellaneous (%)	2146	0.98500	0.01000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.15050	0.02500				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.21500	0.05000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
139.99	Taurine, Miscellaneous (%)	0904	0.03500	0.01000				1			0
150.00	Phytase, Colorimetric (Units / kg)	0047	760.00	100.00				3			0
150.00	Phytase, Colorimetric (Units / kg)	0610	894.00	12.000				3			0
150.00	Phytase, Colorimetric (Units / kg)	0939	1,360.0	20.000				3			0
150.99	Phytase, Miscellaneous (Units / kg)	0904	1,150.0	60.000				1			0
160.99	Fructose, Miscellaneous (%)	0619	0.25150	0.00700	0.59288	0.47941	0.00675	4			0
160.99	Fructose, Miscellaneous (%)	0227	0.35500	0.01000	0.59288	0.47941	0.00675	4			0
160.99	Fructose, Miscellaneous (%)	2161	0.46500	0.01000	0.59288	0.47941	0.00675	4			0
160.99	Fructose, Miscellaneous (%)	0861	1.3000	0.00000	0.59288	0.47941	0.00675	4			0
162.99	Glucose, Miscellaneous (%)	0861	0.30000	0.00000	0.49913	0.19932	0.01175	4			0
162.99	Glucose, Miscellaneous (%)	0619	0.35650	0.00700	0.49913	0.19932	0.01175	4			0
162.99	Glucose, Miscellaneous (%)	0629	0.65000	0.00000	0.49913	0.19932	0.01175	4			0
162.99	Glucose, Miscellaneous (%)	2161	0.69000	0.04000	0.49913	0.19932	0.01175	4			0
162.99	Glucose, Miscellaneous (%)	0227	0.29500	0.15000	0.49913	0.19932	0.01175	4			1
163.99	Lactose, Miscellaneous (%)	0629	7.2500	0.10000	7.9014	0.58440	0.12625	8	-1.11	4%	0
163.99	Lactose, Miscellaneous (%)	0148	7.4700	0.08000	7.9014	0.58440	0.12625	8	-0.74	3%	0
163.99	Lactose, Miscellaneous (%)	0861	7.5000	0.00000	7.9014	0.58440	0.12625	8	-0.69	3%	0
163.99	Lactose, Miscellaneous (%)	0619	7.6750	0.05000	7.9014	0.58440	0.12625	8	-0.39	1%	0
163.99	Lactose, Miscellaneous (%)	0723	8.0382	0.00000	7.9014	0.58440	0.12625	8	0.23	1%	0
163.99	Lactose, Miscellaneous (%)	0227	8.1950	0.21000	7.9014	0.58440	0.12625	8	0.50	2%	0
163.99	Lactose, Miscellaneous (%)	2161	8.3050	0.27000	7.9014	0.58440	0.12625	8	0.69	3%	0
163.99	Lactose, Miscellaneous (%)	0918	10.050	0.30000	7.9014	0.58440	0.12625	8	3.68	14%	0
164.99	Maltose, Miscellaneous (%)	0227	0.59500	0.09000				3			0
164.99	Maltose, Miscellaneous (%)	0629	2.5500	0.10000				3			0
164.99	Maltose, Miscellaneous (%)	2161	3.3350	0.19000				3			0
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				3			4
165.99	Sucrose, Miscellaneous (%)	0629	3.3500	0.10000	3.5150	0.11925	0.08333	6	-1.38	2%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.4650	0.25000	3.5150	0.11925	0.08333	6	-0.42	1%	0
165.99	Sucrose, Miscellaneous (%)	2161	3.5250	0.03000	3.5150	0.11925	0.08333	6	0.08	0%	0
165.99	Sucrose, Miscellaneous (%)	0723	3.5298	0.00000	3.5150	0.11925	0.08333	6	0.12	0%	0
165.99	Sucrose, Miscellaneous (%)	0861	3.5500	0.10000	3.5150	0.11925	0.08333	6	0.29	0%	0
165.99	Sucrose, Miscellaneous (%)	0619	3.6700	0.02000	3.5150	0.11925	0.08333	6	1.30	2%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.25000	0.04000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.28850	0.00100				2			0
167.99	Stachyose, Miscellaneous (%)	0227	1.0100	0.06000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	1.1450	0.03000				2			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0047	1.7500	0.70000				2			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0218	2.2050	0.05000				2			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0038	0.00000	0.00000				2			4
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0033	23.850	0.30000	26.492	2.7072	1.0833	6	-0.98	5%	0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	2149	23.950	1.1000	26.492	2.7072	1.0833	6	-0.94	5%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0001	26.000	2.0000	26.492	2.7072	1.0833	6	-0.18	1%	0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0036	26.900	0.00000	26.492	2.7072	1.0833	6	0.15	1%	0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0043	28.500	1.0000	26.492	2.7072	1.0833	6	0.74	4%	0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0875	29.750	2.1000	26.492	2.7072	1.0833	6	1.20	6%	0
350.02	Carbadox, LC-MS (mg/kg (ppm))	2053	35.350	0.90000				1			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0043	128.50	4.8000	156.77	19.343	5.1544	4			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0964	160.61	7.5839	156.77	19.343	5.1544	4			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	166.76	5.9238	156.77	19.343	5.1544	4			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0035	171.22	2.3100	156.77	19.343	5.1544	4			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0511	198.00	30.000	156.77	19.343	5.1544	4			1
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0910	124.00	10.000	149.05	18.350	4.6214	7	-1.36	8%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	2145	134.37	0.25000	149.05	18.350	4.6214	7	-0.80	5%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0032	144.50	11.000	149.05	18.350	4.6214	7	-0.25	2%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0001	148.50	5.0000	149.05	18.350	4.6214	7	-0.03	0%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0033	159.00	2.0000	149.05	18.350	4.6214	7	0.54	3%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0010	165.90	3.4000	149.05	18.350	4.6214	7	0.92	6%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0036	167.05	0.70000	149.05	18.350	4.6214	7	0.98	6%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0917	196.50	35.000	149.05	18.350	4.6214	7	2.59	16%	1
351.04	Chlortetracycline, LC-MS (mg/kg (ppm))	2053	200.00	20.000				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2127	163.95	14.300				2			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0028	167.10	11.800				2			0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0227	7.5000	1.0000				1			0
357.99	Ethoxyquin, Miscellaneous (mg/kg (ppm))	0942	8.5000	1.0000				1			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2127	2.0150	0.47000				1			0
382.00	Sulfamethazine, Spectrophotometer (mg/kg (ppm))	0035	38.000	2.0000				2			0
382.00	Sulfamethazine, Spectrophotometer (mg/kg (ppm))	0033	47.450	1.9000				2			0
382.01	Sulfamethazine, LC (mg/kg (ppm))	0148	25.550	0.00000				3			0
382.01	Sulfamethazine, LC (mg/kg (ppm))	0001	40.300	2.6000				3			0
382.01	Sulfamethazine, LC (mg/kg (ppm))	0019	103.55	0.10000				3			0
382.02	Sulfamethazine, LC-PCD (mg/kg (ppm))	0218	37.991	1.4490				1			0
382.04	Sulfamethazine, LC-MS/MS (mg/kg (ppm))	2127	43.585	1.9900				1			0
386.00	Tiamulin, LC (mg/kg (ppm))	0001	6.8550	0.35000				2			0
386.00	Tiamulin, LC (mg/kg (ppm))	0910	9.8500	0.70000				2			0
386.00	Tiamulin, LC (mg/kg (ppm))	0218	0.00000	0.00000				2			4
386.00	Tiamulin, LC (mg/kg (ppm))	0668	0.00000	0.00000				2			4
386.01	Tiamulin, LC-MS (mg/kg (ppm))	2053	12.000	0.60000				1			0
386.02	Tiamulin, LC-MS/MS (mg/kg (ppm))	2127	15.100	3.4000				1			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	2127	0.03550	0.00700				2			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	2135	0.18050	0.02700				2			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.59335	0.00690	0.59875	0.00646	0.00395	6	-0.84	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.59350	0.00300	0.59875	0.00646	0.00395	6	-0.81	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.59740	0.00160	0.59875	0.00646	0.00395	6	-0.21	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.59800	0.00200	0.59875	0.00646	0.00395	6	-0.12	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.60180	0.00920	0.59875	0.00646	0.00395	6	0.47	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.62230	0.00100	0.59875	0.00646	0.00395	6	3.65	2%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.58250	0.00100				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.58850	0.00100				2			0
412.01	Dietary Starch, Enzymatic-Colorimetric (%)	0353	26.845	0.43000				1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.15600	0.01800				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.25550	0.01900				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.33000	0.02000				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.47000	0.02000				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	2012	0.25500	0.07000	0.34463	0.05999	0.02622	5			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.32050	0.01100	0.34463	0.05999	0.02622	5			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.35550	0.01100	0.34463	0.05999	0.02622	5			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.38250	0.00900	0.34463	0.05999	0.02622	5			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.40965	0.03010	0.34463	0.05999	0.02622	5			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0695	0.06335	0.00330				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.15700	0.01000				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.16500	0.01000				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.21500	0.01000				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2012	0.14000	0.00000	0.15242	0.00916	0.01052	5			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.14700	0.01000	0.15242	0.00916	0.01052	5			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15310	0.00860	0.15242	0.00916	0.01052	5			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.15950	0.01100	0.15242	0.00916	0.01052	5			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.16250	0.02300	0.15242	0.00916	0.01052	5			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	4.1228	0.33260				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	4.5650	0.05000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	4.3800	0.00000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0964	4.3873	0.43380				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.6450	0.13000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.1450	0.09420				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	4.1950	0.19000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	2152	0.80000	0.02000				1			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0964	0.86875	0.04530				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.92050	0.03300				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.93500	0.03000				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.93500	0.03000				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.83600	0.01600	0.91440	0.08863	0.05992	5			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.84150	0.02300	0.91440	0.08863	0.05992	5			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.91150	0.01700	0.91440	0.08863	0.05992	5			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.92800	0.13360	0.91440	0.08863	0.05992	5			0

Test Material Code # 201730

Method Proficiency Testing Report

Issue Date : 11/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	2012	1.0550	0.11000	0.91440	0.08863	0.05992	5		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	2012	4.8950	0.31000				2		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0186	52.000	2.0000				2		0	
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0021	0.00000	0.00000				2		4	
539.31	Nickel, AAS, Dry ash (mg / kg (ppm))	2149	3.9250	0.03000				1		0	
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	3.4800	0.04000				1		0	
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0964	3.4418	0.24950				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.7450	0.05000				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.7554	0.01220				2		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	3.2750	0.65000				2		0	
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hyc	2161	0.02000	0.00000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.00335	0.00110				1		0	
714.01	Myristic Acid (14:0 ), Direct Methylation by Alkali H	2161	0.09000	0.00000				1		0	
714.99	Myristic Acid (14:0 ), Miscellaneous (% (w/w))	0226	0.07015	0.00090				1		0	
716.02	Palmitic Acid (16:0), Direct Methylation by Acid-All	2161	1.0570	0.00000				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	1.1729	0.02180				1		0	
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	2161	0.11750	0.00100				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.07700	0.00080				1		0	
720.01	Margaric acid (17:0), Direct Methylation by Alkali H	2161	0.01300	0.00000				1		0	
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hy	2161	0.33000	0.00000				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.35340	0.00620				1		0	
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali H	2161	2.5205	0.00100				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	1.6324	0.02460				1		0	
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by ,	2161	4.7080	0.00200				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/	0226	3.2932	0.03770				1		0	
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	2161	0.54650	0.00100				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0226	0.37415	0.00290				1		0	
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali	2161	0.02600	0.00000				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.02120	0.00060				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.02450	0.00020				1		0	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation	2161	0.01750	0.00100				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0226	0.05110	0.00000				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.01870	0.00040				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
746.01	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	2161	0.01800	0.00000				1		0	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0226	0.01135	0.00050				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.06120	0.09960				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	2161	0.04800	0.00000				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0226	0.03535	0.00030				1		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (	0226	0.00020	0.00040				0		4	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	7.2866	0.10060				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			

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 the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.