



AAFCO
Proficiency Testing Program



Poultry Layer Feed, Medicated

Animal Feed Scheme

Labs Reporting: 198

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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	0.30000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	8.8750	0.09920	9.4691	0.42076	0.07760	7	-1.41	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	9.1650	0.23000	9.4691	0.42076	0.07760	7	-0.72	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	9.3550	0.03000	9.4691	0.42076	0.07760	7	-0.27	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.5050	0.01000	9.4691	0.42076	0.07760	7	0.09	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.6500	0.04000	9.4691	0.42076	0.07760	7	0.43	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.7750	0.01000	9.4691	0.42076	0.07760	7	0.73	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0183	9.9590	0.12400	9.4691	0.42076	0.07760	7	1.16	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.3300	0.13720	9.5180	0.17278	0.03261	7	-1.09	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.3450	0.01000	9.5180	0.17278	0.03261	7	-1.00	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.4600	0.02000	9.5180	0.17278	0.03261	7	-0.34	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.5450	0.01000	9.5180	0.17278	0.03261	7	0.16	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.5450	0.01000	9.5180	0.17278	0.03261	7	0.16	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.6650	0.01000	9.5180	0.17278	0.03261	7	0.85	1%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.7362	0.03110	9.5180	0.17278	0.03261	7	1.26	1%	0
001.05	Loss on Drying, LECO (%)	0610	9.1850	0.03000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.2900	0.36000	9.4011	0.33193	0.16256	37	-3.35	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	8.4300	0.22000	9.4011	0.33193	0.16256	37	-2.93	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.6500	1.1000	9.4011	0.33193	0.16256	37	-2.26	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.7150	0.01000	9.4011	0.33193	0.16256	37	-2.07	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.9500	0.00000	9.4011	0.33193	0.16256	37	-1.36	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.9850	0.29000	9.4011	0.33193	0.16256	37	-1.25	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.0550	0.03000	9.4011	0.33193	0.16256	37	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.1800	0.02000	9.4011	0.33193	0.16256	37	-0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.2000	0.10000	9.4011	0.33193	0.16256	37	-0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.2100	0.04000	9.4011	0.33193	0.16256	37	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.2900	0.04000	9.4011	0.33193	0.16256	37	-0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.3000	0.00000	9.4011	0.33193	0.16256	37	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.3000	0.06000	9.4011	0.33193	0.16256	37	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.3050	0.13000	9.4011	0.33193	0.16256	37	-0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.3400	0.32000	9.4011	0.33193	0.16256	37	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.3750	0.03000	9.4011	0.33193	0.16256	37	-0.08	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.4300	0.04000	9.4011	0.33193	0.16256	37	0.09	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.4327	0.00970	9.4011	0.33193	0.16256	37	0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.4500	0.06000	9.4011	0.33193	0.16256	37	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.4550	0.09000	9.4011	0.33193	0.16256	37	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	9.4650	0.95000	9.4011	0.33193	0.16256	37	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.4700	0.02000	9.4011	0.33193	0.16256	37	0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.5050	0.11000	9.4011	0.33193	0.16256	37	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.5100	0.02000	9.4011	0.33193	0.16256	37	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.5250	0.27000	9.4011	0.33193	0.16256	37	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.5250	0.25000	9.4011	0.33193	0.16256	37	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0592	9.5450	0.03000	9.4011	0.33193	0.16256	37	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.5500	0.56000	9.4011	0.33193	0.16256	37	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.6000	0.00000	9.4011	0.33193	0.16256	37	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.6125	0.06500	9.4011	0.33193	0.16256	37	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.6450	0.05000	9.4011	0.33193	0.16256	37	0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.7100	0.10000	9.4011	0.33193	0.16256	37	0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.7650	0.07000	9.4011	0.33193	0.16256	37	1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.8650	0.33000	9.4011	0.33193	0.16256	37	1.40	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	9.8800	0.02000	9.4011	0.33193	0.16256	37	1.44	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	10.100	0.20000	9.4011	0.33193	0.16256	37	2.11	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.530	0.02000	9.4011	0.33193	0.16256	37	3.40	6%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.5850	0.13000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.7000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.6000	0.50000	9.2575	0.48892	0.12408	23	-3.39	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	8.0250	0.05000	9.2575	0.48892	0.12408	23	-2.52	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.5850	0.25000	9.2575	0.48892	0.12408	23	-1.38	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.7850	0.23000	9.2575	0.48892	0.12408	23	-0.97	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	8.8000	0.14000	9.2575	0.48892	0.12408	23	-0.94	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.0300	0.06000	9.2575	0.48892	0.12408	23	-0.47	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.0900	0.04000	9.2575	0.48892	0.12408	23	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	9.0950	0.07000	9.2575	0.48892	0.12408	23	-0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.1000	0.20000	9.2575	0.48892	0.12408	23	-0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	9.1500	0.10000	9.2575	0.48892	0.12408	23	-0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.2250	0.03000	9.2575	0.48892	0.12408	23	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.2300	0.02000	9.2575	0.48892	0.12408	23	-0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.2300	0.14000	9.2575	0.48892	0.12408	23	-0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.2800	0.06000	9.2575	0.48892	0.12408	23	0.05	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.4800	0.00000	9.2575	0.48892	0.12408	23	0.46	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.5000	0.20000	9.2575	0.48892	0.12408	23	0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	9.5200	0.02000	9.2575	0.48892	0.12408	23	0.54	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	9.6534	0.42460	9.2575	0.48892	0.12408	23	0.81	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.6550	0.05000	9.2575	0.48892	0.12408	23	0.81	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	0004	9.8150	0.01000	9.2575	0.48892	0.12408	23	1.14	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.8455	0.00930	9.2575	0.48892	0.12408	23	1.20	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.8650	0.01000	9.2575	0.48892	0.12408	23	1.24	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.9400	0.24000	9.2575	0.48892	0.12408	23	1.40	4%	0
002.00	Protein, Crude (%)	0940	18.530	0.00000	18.765	0.29255	0.10000	4	-0.80	1%	0
002.00	Protein, Crude (%)	2109	18.545	0.11000	18.765	0.29255	0.10000	4	-0.75	1%	0
002.00	Protein, Crude (%)	0169	18.835	0.19000	18.765	0.29255	0.10000	4	0.24	0%	0
002.00	Protein, Crude (%)	0955	19.150	0.10000	18.765	0.29255	0.10000	4	1.32	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0183	16.295	0.01000	18.777	0.26133	0.08173	15	-9.50	7%	0
002.01	Protein, Auto Kjell-Foss (%)	0653	18.565	0.03000	18.777	0.26133	0.08173	15	-0.81	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0652	18.600	0.20000	18.777	0.26133	0.08173	15	-0.68	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0685	18.620	0.04000	18.777	0.26133	0.08173	15	-0.60	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0028	18.645	0.01000	18.777	0.26133	0.08173	15	-0.51	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0968	18.688	0.02100	18.777	0.26133	0.08173	15	-0.34	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0910	18.700	0.20000	18.777	0.26133	0.08173	15	-0.30	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0199	18.705	0.03000	18.777	0.26133	0.08173	15	-0.28	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0043	18.735	0.11000	18.777	0.26133	0.08173	15	-0.16	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0889	18.755	0.11000	18.777	0.26133	0.08173	15	-0.08	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0610	18.900	0.00000	18.777	0.26133	0.08173	15	0.47	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0914	18.910	0.20000	18.777	0.26133	0.08173	15	0.51	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0164	19.130	0.10000	18.777	0.26133	0.08173	15	1.35	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0152	19.150	0.10000	18.777	0.26133	0.08173	15	1.43	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0662	19.306	0.06500	18.777	0.26133	0.08173	15	2.02	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	18.710	0.04000				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	19.248	0.06480				2			0
002.04	Protein, Copper Catalyst (%)	0874	17.975	0.91000	20.153	3.1616	0.31000	4	-15.27	2%	0
002.04	Protein, Copper Catalyst (%)	0187	18.850	0.08000	20.153	3.1616	0.31000	4	-0.71	0%	0
002.04	Protein, Copper Catalyst (%)	0504	18.935	0.19000	20.153	3.1616	0.31000	4	0.71	0%	0
002.04	Protein, Copper Catalyst (%)	0405	24.850	0.06000	20.153	3.1616	0.31000	4	99.12	16%	0
002.05	Protein, Copper, Boric Acid (%)	0536	16.410	0.26000	18.758	0.18665	0.11511	29	-12.58	6%	0
002.05	Protein, Copper, Boric Acid (%)	0722	18.475	0.15260	18.758	0.18665	0.11511	29	-1.51	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	18.520	0.08000	18.758	0.18665	0.11511	29	-1.27	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	18.582	0.16840	18.758	0.18665	0.11511	29	-0.94	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	18.585	0.03000	18.758	0.18665	0.11511	29	-0.93	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	18.600	0.00000	18.758	0.18665	0.11511	29	-0.85	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	18.615	0.41000	18.758	0.18665	0.11511	29	-0.77	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	18.615	0.01000	18.758	0.18665	0.11511	29	-0.77	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	18.650	0.10000	18.758	0.18665	0.11511	29	-0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	18.665	0.07000	18.758	0.18665	0.11511	29	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	18.680	0.88000	18.758	0.18665	0.11511	29	-0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	18.690	0.04000	18.758	0.18665	0.11511	29	-0.36	0%	0

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002.05	Protein, Copper, Boric Acid (%)	2012	18.710	0.02000	18.758	0.18665	0.11511	29	-0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	18.721	0.06200	18.758	0.18665	0.11511	29	-0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	18.739	0.11420	18.758	0.18665	0.11511	29	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	18.779	0.02320	18.758	0.18665	0.11511	29	0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	18.785	0.01000	18.758	0.18665	0.11511	29	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	18.795	0.11000	18.758	0.18665	0.11511	29	0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	18.869	0.00640	18.758	0.18665	0.11511	29	0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	18.869	0.01140	18.758	0.18665	0.11511	29	0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	18.885	0.21000	18.758	0.18665	0.11511	29	0.68	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	18.900	0.40000	18.758	0.18665	0.11511	29	0.76	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	18.915	0.05000	18.758	0.18665	0.11511	29	0.84	0%	0
002.05	Protein, Copper, Boric Acid (%)	2152	18.920	0.06000	18.758	0.18665	0.11511	29	0.87	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	18.925	0.01000	18.758	0.18665	0.11511	29	0.90	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	18.975	0.01000	18.758	0.18665	0.11511	29	1.16	1%	0
002.05	Protein, Copper, Boric Acid (%)	0895	18.980	0.02000	18.758	0.18665	0.11511	29	1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	19.015	0.01000	18.758	0.18665	0.11511	29	1.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	19.085	0.01000	18.758	0.18665	0.11511	29	1.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	2.9400	0.10000	19.024	0.24137	154.54	129	-66.64	42%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	18.240	0.39600	19.024	0.24137	154.54	129	-3.25	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	18.250	0.06000	19.024	0.24137	154.54	129	-3.21	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	18.265	0.07000	19.024	0.24137	154.54	129	-3.14	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	18.435	0.47000	19.024	0.24137	154.54	129	-2.44	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	18.577	0.17300	19.024	0.24137	154.54	129	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	18.590	0.00000	19.024	0.24137	154.54	129	-1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0878	18.590	0.08000	19.024	0.24137	154.54	129	-1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	18.600	0.02000	19.024	0.24137	154.54	129	-1.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	18.695	0.21000	19.024	0.24137	154.54	129	-1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	18.710	0.02000	19.024	0.24137	154.54	129	-1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	18.750	0.30000	19.024	0.24137	154.54	129	-1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	18.755	0.01000	19.024	0.24137	154.54	129	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	18.780	0.02000	19.024	0.24137	154.54	129	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	18.780	0.94000	19.024	0.24137	154.54	129	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	18.789	0.03300	19.024	0.24137	154.54	129	-0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	18.800	0.06000	19.024	0.24137	154.54	129	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	18.800	0.20000	19.024	0.24137	154.54	129	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	18.800	0.20000	19.024	0.24137	154.54	129	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	18.800	0.32000	19.024	0.24137	154.54	129	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	18.800	0.40000	19.024	0.24137	154.54	129	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	18.810	0.04000	19.024	0.24137	154.54	129	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	18.810	0.02000	19.024	0.24137	154.54	129	-0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	18.813	0.00000	19.024	0.24137	154.54	129	-0.88	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	18.815	0.07000	19.024	0.24137	154.54	129	-0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	18.820	0.02000	19.024	0.24137	154.54	129	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	18.820	0.34000	19.024	0.24137	154.54	129	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	18.820	0.08000	19.024	0.24137	154.54	129	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	18.843	0.05700	19.024	0.24137	154.54	129	-0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	18.845	0.09100	19.024	0.24137	154.54	129	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	18.850	0.30000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	18.850	0.06000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	18.850	0.30000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	18.850	0.10000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	18.850	0.10000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	18.850	0.10000	19.024	0.24137	154.54	129	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	18.854	0.73100	19.024	0.24137	154.54	129	-0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	18.860	0.38000	19.024	0.24137	154.54	129	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	18.880	0.24000	19.024	0.24137	154.54	129	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	18.885	0.57000	19.024	0.24137	154.54	129	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	18.900	0.00000	19.024	0.24137	154.54	129	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	18.900	0.20000	19.024	0.24137	154.54	129	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	18.900	0.00000	19.024	0.24137	154.54	129	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	18.910	0.02000	19.024	0.24137	154.54	129	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	18.910	0.04000	19.024	0.24137	154.54	129	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	18.912	0.15200	19.024	0.24137	154.54	129	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	18.920	0.14000	19.024	0.24137	154.54	129	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	18.930	0.20000	19.024	0.24137	154.54	129	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	18.935	0.13000	19.024	0.24137	154.54	129	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	18.939	0.01800	19.024	0.24137	154.54	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	18.940	0.08000	19.024	0.24137	154.54	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	18.941	0.02500	19.024	0.24137	154.54	129	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	18.945	0.01000	19.024	0.24137	154.54	129	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	18.950	0.10000	19.024	0.24137	154.54	129	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	18.950	0.30000	19.024	0.24137	154.54	129	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	18.960	0.02000	19.024	0.24137	154.54	129	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	18.960	0.24000	19.024	0.24137	154.54	129	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	18.970	0.44000	19.024	0.24137	154.54	129	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	18.980	0.08000	19.024	0.24137	154.54	129	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	18.985	0.09000	19.024	0.24137	154.54	129	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	19.000	0.02000	19.024	0.24137	154.54	129	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	19.000	0.44000	19.024	0.24137	154.54	129	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	19.010	0.04000	19.024	0.24137	154.54	129	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	19.018	0.09400	19.024	0.24137	154.54	129	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	19.031	0.11300	19.024	0.24137	154.54	129	0.03	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 (%)	2059	19.031	0.12500	19.024	0.24137	154.54	129	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	19.035	0.03000	19.024	0.24137	154.54	129	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	19.040	0.16000	19.024	0.24137	154.54	129	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	19.040	0.00000	19.024	0.24137	154.54	129	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	19.050	0.30000	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	19.050	0.50000	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	19.050	0.10000	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	19.050	0.18000	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	19.050	0.18000	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	19.051	0.04900	19.024	0.24137	154.54	129	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	19.060	0.00000	19.024	0.24137	154.54	129	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	19.060	0.04000	19.024	0.24137	154.54	129	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	19.075	0.01000	19.024	0.24137	154.54	129	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	19.080	0.06000	19.024	0.24137	154.54	129	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	19.100	0.04000	19.024	0.24137	154.54	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	19.100	0.02000	19.024	0.24137	154.54	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	19.100	0.44000	19.024	0.24137	154.54	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	19.101	0.16000	19.024	0.24137	154.54	129	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	19.104	0.06500	19.024	0.24137	154.54	129	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	19.105	0.13000	19.024	0.24137	154.54	129	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	19.115	0.11000	19.024	0.24137	154.54	129	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	19.120	0.18000	19.024	0.24137	154.54	129	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	19.140	0.02000	19.024	0.24137	154.54	129	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	19.140	0.08000	19.024	0.24137	154.54	129	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	19.149	0.01200	19.024	0.24137	154.54	129	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	19.150	0.10000	19.024	0.24137	154.54	129	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	19.150	0.10000	19.024	0.24137	154.54	129	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	19.160	0.06000	19.024	0.24137	154.54	129	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	19.170	0.00500	19.024	0.24137	154.54	129	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	19.180	0.08000	19.024	0.24137	154.54	129	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	19.190	0.28000	19.024	0.24137	154.54	129	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	19.200	0.10000	19.024	0.24137	154.54	129	0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	19.202	0.00700	19.024	0.24137	154.54	129	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	19.204	0.24400	19.024	0.24137	154.54	129	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	19.210	0.16000	19.024	0.24137	154.54	129	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	19.210	0.00000	19.024	0.24137	154.54	129	0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	19.224	0.32500	19.024	0.24137	154.54	129	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	19.225	0.23000	19.024	0.24137	154.54	129	0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	19.230	0.22000	19.024	0.24137	154.54	129	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	19.250	0.10000	19.024	0.24137	154.54	129	0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	19.250	0.10000	19.024	0.24137	154.54	129	0.94	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	19.250	0.32000	19.024	0.24137	154.54	129	0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	19.255	0.05000	19.024	0.24137	154.54	129	0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	19.255	0.19000	19.024	0.24137	154.54	129	0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	19.260	0.20000	19.024	0.24137	154.54	129	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	19.300	0.06000	19.024	0.24137	154.54	129	1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	19.300	0.10000	19.024	0.24137	154.54	129	1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	19.302	0.34300	19.024	0.24137	154.54	129	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	19.304	0.17100	19.024	0.24137	154.54	129	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	19.320	0.46000	19.024	0.24137	154.54	129	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	19.345	0.41000	19.024	0.24137	154.54	129	1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	19.370	0.06000	19.024	0.24137	154.54	129	1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	19.395	0.11000	19.024	0.24137	154.54	129	1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	19.415	0.35000	19.024	0.24137	154.54	129	1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	19.434	0.58200	19.024	0.24137	154.54	129	1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	19.455	0.05000	19.024	0.24137	154.54	129	1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	19.480	0.42000	19.024	0.24137	154.54	129	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	19.505	1.1900	19.024	0.24137	154.54	129	1.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	19.506	0.28900	19.024	0.24137	154.54	129	2.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	19.530	0.04000	19.024	0.24137	154.54	129	2.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	19.538	0.20200	19.024	0.24137	154.54	129	2.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	19.715	0.06600	19.024	0.24137	154.54	129	2.86	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	19.900	0.22000	19.024	0.24137	154.54	129	3.63	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	9,976.9	19,914	19.024	0.24137	154.54	129	41255.99	26172%	0
002.08	Protein, Cu/Ti (%)	0563	18.613	0.04540				3			0
002.08	Protein, Cu/Ti (%)	0098	18.620	0.08000				3			0
002.08	Protein, Cu/Ti (%)	0208	18.800	0.40000				3			0
002.10	Protein, Block dig/distillation (%)	0629	18.860	0.30000				1			0
002.11	Protein, NIR (%)	2128	19.586	0.06100	20.263	0.52598	0.21957	7	-1.29	2%	0
002.11	Protein, NIR (%)	0852	20.020	0.14000	20.263	0.52598	0.21957	7	-0.46	1%	0
002.11	Protein, NIR (%)	0613	20.050	0.18000	20.263	0.52598	0.21957	7	-0.40	1%	0
002.11	Protein, NIR (%)	0889	20.247	0.34600	20.263	0.52598	0.21957	7	-0.03	0%	0
002.11	Protein, NIR (%)	2120	20.300	0.28000	20.263	0.52598	0.21957	7	0.07	0%	0
002.11	Protein, NIR (%)	2121	20.585	0.21000	20.263	0.52598	0.21957	7	0.61	1%	0
002.11	Protein, NIR (%)	0553	21.380	0.32000	20.263	0.52598	0.21957	7	2.12	3%	0
002.99	Protein, Miscellaneous (%)	0643	18.195	0.15000				2			0
002.99	Protein, Miscellaneous (%)	0644	19.220	0.06000				2			0
003.00	Fat, Eth Ext., Direct (%)	0615	4.9050	0.11000	5.1025	0.15232	0.09340	10	-1.30	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	4.9650	0.05000	5.1025	0.15232	0.09340	10	-0.90	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	4.9700	0.06000	5.1025	0.15232	0.09340	10	-0.87	1%	0
003.00	Fat, Eth Ext., Direct (%)	2109	5.0400	0.06000	5.1025	0.15232	0.09340	10	-0.41	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	5.1000	0.10000	5.1025	0.15232	0.09340	10	-0.02	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	
003.00	Fat, Eth Ext., Direct (%)	0653	5.1050	0.01000	5.1025	0.15232	0.09340	10	0.02	0%	0
003.00	Fat, Eth Ext., Direct (%)	0032	5.1500	0.10000	5.1025	0.15232	0.09340	10	0.31	0%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.2395	0.32400	5.1025	0.15232	0.09340	10	0.90	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	5.2400	0.08000	5.1025	0.15232	0.09340	10	0.90	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	5.3100	0.04000	5.1025	0.15232	0.09340	10	1.36	2%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	5.4500	0.80000				1			0
003.06	Fat, Pet Ether (%)	0425	4.9950	0.05000	5.1244	0.09548	0.06173	18	-1.35	1%	0
003.06	Fat, Pet Ether (%)	0148	5.0050	0.07000	5.1244	0.09548	0.06173	18	-1.25	1%	0
003.06	Fat, Pet Ether (%)	0199	5.0100	0.04000	5.1244	0.09548	0.06173	18	-1.20	1%	0
003.06	Fat, Pet Ether (%)	0169	5.0350	0.05000	5.1244	0.09548	0.06173	18	-0.94	1%	0
003.06	Fat, Pet Ether (%)	0294	5.0450	0.01000	5.1244	0.09548	0.06173	18	-0.83	1%	0
003.06	Fat, Pet Ether (%)	0563	5.0599	0.03620	5.1244	0.09548	0.06173	18	-0.68	1%	0
003.06	Fat, Pet Ether (%)	0918	5.0950	0.03000	5.1244	0.09548	0.06173	18	-0.31	0%	0
003.06	Fat, Pet Ether (%)	0682	5.1400	0.00000	5.1244	0.09548	0.06173	18	0.16	0%	0
003.06	Fat, Pet Ether (%)	0910	5.1400	0.00000	5.1244	0.09548	0.06173	18	0.16	0%	0
003.06	Fat, Pet Ether (%)	0689	5.1500	0.10000	5.1244	0.09548	0.06173	18	0.27	0%	0
003.06	Fat, Pet Ether (%)	0229	5.1550	0.11000	5.1244	0.09548	0.06173	18	0.32	0%	0
003.06	Fat, Pet Ether (%)	0849	5.1590	0.08200	5.1244	0.09548	0.06173	18	0.36	0%	0
003.06	Fat, Pet Ether (%)	0511	5.1600	0.04000	5.1244	0.09548	0.06173	18	0.37	0%	0
003.06	Fat, Pet Ether (%)	0300	5.1745	0.03300	5.1244	0.09548	0.06173	18	0.53	0%	0
003.06	Fat, Pet Ether (%)	0083	5.1750	0.09000	5.1244	0.09548	0.06173	18	0.53	0%	0
003.06	Fat, Pet Ether (%)	0552	5.2050	0.15000	5.1244	0.09548	0.06173	18	0.84	1%	0
003.06	Fat, Pet Ether (%)	0884	5.3500	0.10000	5.1244	0.09548	0.06173	18	2.36	2%	0
003.06	Fat, Pet Ether (%)	0852	5.9400	0.12000	5.1244	0.09548	0.06173	18	8.54	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	4.8200	0.04000	5.1380	0.15911	0.06004	22	-2.00	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	4.9650	0.01000	5.1380	0.15911	0.06004	22	-1.09	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	5.0000	0.00000	5.1380	0.15911	0.06004	22	-0.87	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	5.0115	0.01700	5.1380	0.15911	0.06004	22	-0.80	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	5.0200	0.00000	5.1380	0.15911	0.06004	22	-0.74	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	5.0215	0.03300	5.1380	0.15911	0.06004	22	-0.73	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	5.0250	0.01000	5.1380	0.15911	0.06004	22	-0.71	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	5.0450	0.01000	5.1380	0.15911	0.06004	22	-0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	5.0550	0.05000	5.1380	0.15911	0.06004	22	-0.52	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	5.0750	0.11000	5.1380	0.15911	0.06004	22	-0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0656	5.1100	0.04000	5.1380	0.15911	0.06004	22	-0.18	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	5.1500	0.12000	5.1380	0.15911	0.06004	22	0.08	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	5.1600	0.00000	5.1380	0.15911	0.06004	22	0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	5.1650	0.01000	5.1380	0.15911	0.06004	22	0.17	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	5.1650	0.01000	5.1380	0.15911	0.06004	22	0.17	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	5.2010	0.13260	5.1380	0.15911	0.06004	22	0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	5.2802	0.03820	5.1380	0.15911	0.06004	22	0.89	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 (%)	0510	5.3000	0.00000	5.1380	0.15911	0.06004	22	1.02	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	5.3150	0.09000	5.1380	0.15911	0.06004	22	1.11	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	5.3200	0.50000	5.1380	0.15911	0.06004	22	1.14	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	5.4500	0.10000	5.1380	0.15911	0.06004	22	1.96	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	5.4500	0.00000	5.1380	0.15911	0.06004	22	1.96	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	3.1200	0.02000	4.9695	0.17327	0.08890	26	-10.67	19%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	4.7200	0.02000	4.9695	0.17327	0.08890	26	-1.44	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	4.7300	0.10000	4.9695	0.17327	0.08890	26	-1.38	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	4.7350	0.13000	4.9695	0.17327	0.08890	26	-1.35	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	4.8150	0.01000	4.9695	0.17327	0.08890	26	-0.89	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	4.8200	0.16000	4.9695	0.17327	0.08890	26	-0.86	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	4.8950	0.07000	4.9695	0.17327	0.08890	26	-0.43	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	4.9000	0.20000	4.9695	0.17327	0.08890	26	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	4.9015	0.02840	4.9695	0.17327	0.08890	26	-0.39	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	4.9150	0.09000	4.9695	0.17327	0.08890	26	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	4.9400	0.02000	4.9695	0.17327	0.08890	26	-0.17	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	4.9400	0.14000	4.9695	0.17327	0.08890	26	-0.17	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	4.9450	0.03000	4.9695	0.17327	0.08890	26	-0.14	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	4.9800	0.00000	4.9695	0.17327	0.08890	26	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0662	5.0048	0.52390	4.9695	0.17327	0.08890	26	0.20	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	5.0400	0.02000	4.9695	0.17327	0.08890	26	0.41	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	5.0450	0.05000	4.9695	0.17327	0.08890	26	0.44	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	5.0600	0.12000	4.9695	0.17327	0.08890	26	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	5.0750	0.15000	4.9695	0.17327	0.08890	26	0.61	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	5.1000	0.00000	4.9695	0.17327	0.08890	26	0.75	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	5.1000	0.20000	4.9695	0.17327	0.08890	26	0.75	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0878	5.1050	0.01000	4.9695	0.17327	0.08890	26	0.78	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	5.1206	0.01510	4.9695	0.17327	0.08890	26	0.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	5.1520	0.15400	4.9695	0.17327	0.08890	26	1.05	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	5.2750	0.03000	4.9695	0.17327	0.08890	26	1.76	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	5.5000	0.02000	4.9695	0.17327	0.08890	26	3.06	5%	0
003.11	Fat, NIR (%)	2120	4.4950	0.07000	5.0293	0.32808	0.05446	7	-1.63	5%	0
003.11	Fat, NIR (%)	2121	4.8450	0.03000	5.0293	0.32808	0.05446	7	-0.56	2%	0
003.11	Fat, NIR (%)	0613	4.9900	0.02000	5.0293	0.32808	0.05446	7	-0.12	0%	0
003.11	Fat, NIR (%)	0553	5.0700	0.02000	5.0293	0.32808	0.05446	7	0.12	0%	0
003.11	Fat, NIR (%)	0852	5.0900	0.02000	5.0293	0.32808	0.05446	7	0.19	1%	0
003.11	Fat, NIR (%)	2128	5.2127	0.08120	5.0293	0.32808	0.05446	7	0.56	2%	0
003.11	Fat, NIR (%)	0889	5.4600	0.14000	5.0293	0.32808	0.05446	7	1.31	4%	0
003.12	Fat, Hexane Ext (%)	0940	4.3100	0.20000	4.9601	0.37055	0.05904	7	-1.75	7%	0
003.12	Fat, Hexane Ext (%)	2152	4.6100	0.06000	4.9601	0.37055	0.05904	7	-0.94	4%	0
003.12	Fat, Hexane Ext (%)	0893	5.0450	0.01000	4.9601	0.37055	0.05904	7	0.23	1%	0

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003.12	Fat, Hexane Ext (%)	0903	5.0550	0.01000	4.9601	0.37055	0.05904	7	0.26	1%	0
003.12	Fat, Hexane Ext (%)	0895	5.1250	0.01000	4.9601	0.37055	0.05904	7	0.45	2%	0
003.12	Fat, Hexane Ext (%)	2062	5.1764	0.01330	4.9601	0.37055	0.05904	7	0.58	2%	0
003.12	Fat, Hexane Ext (%)	0171	5.3050	0.11000	4.9601	0.37055	0.05904	7	0.93	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	4.9000	0.04000	5.1065	0.12588	0.14775	8	-1.64	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	5.0450	0.05000	5.1065	0.12588	0.14775	8	-0.49	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	5.0600	0.22000	5.1065	0.12588	0.14775	8	-0.37	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	5.0900	0.30000	5.1065	0.12588	0.14775	8	-0.13	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	5.1100	0.08000	5.1065	0.12588	0.14775	8	0.03	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	5.1240	0.04200	5.1065	0.12588	0.14775	8	0.14	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	5.2100	0.14000	5.1065	0.12588	0.14775	8	0.82	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	5.4050	0.31000	5.1065	0.12588	0.14775	8	2.37	3%	0
003.14	Fat, Ankom (%)	0876	0.86500	0.59000	5.0011	0.22067	0.14170	42	-18.74	41%	0
003.14	Fat, Ankom (%)	0003	3.4100	0.98000	5.0011	0.22067	0.14170	42	-7.21	16%	0
003.14	Fat, Ankom (%)	0357	3.8000	0.00000	5.0011	0.22067	0.14170	42	-5.44	12%	0
003.14	Fat, Ankom (%)	2129	4.6900	0.18000	5.0011	0.22067	0.14170	42	-1.41	3%	0
003.14	Fat, Ankom (%)	0034	4.7150	0.53000	5.0011	0.22067	0.14170	42	-1.30	3%	0
003.14	Fat, Ankom (%)	0574	4.7150	0.05000	5.0011	0.22067	0.14170	42	-1.30	3%	0
003.14	Fat, Ankom (%)	0037	4.7650	0.07000	5.0011	0.22067	0.14170	42	-1.07	2%	0
003.14	Fat, Ankom (%)	0202	4.8350	0.09000	5.0011	0.22067	0.14170	42	-0.75	2%	0
003.14	Fat, Ankom (%)	0581	4.8400	0.10000	5.0011	0.22067	0.14170	42	-0.73	2%	0
003.14	Fat, Ankom (%)	0613	4.8450	0.01000	5.0011	0.22067	0.14170	42	-0.71	2%	0
003.14	Fat, Ankom (%)	0019	4.8600	0.14000	5.0011	0.22067	0.14170	42	-0.64	1%	0
003.14	Fat, Ankom (%)	0144	4.8750	0.01000	5.0011	0.22067	0.14170	42	-0.57	1%	0
003.14	Fat, Ankom (%)	0520	4.9050	0.37000	5.0011	0.22067	0.14170	42	-0.44	1%	0
003.14	Fat, Ankom (%)	2075	4.9050	0.17000	5.0011	0.22067	0.14170	42	-0.44	1%	0
003.14	Fat, Ankom (%)	0265	4.9250	0.09000	5.0011	0.22067	0.14170	42	-0.34	1%	0
003.14	Fat, Ankom (%)	0358	4.9450	0.01000	5.0011	0.22067	0.14170	42	-0.25	1%	0
003.14	Fat, Ankom (%)	0089	4.9500	0.02000	5.0011	0.22067	0.14170	42	-0.23	1%	0
003.14	Fat, Ankom (%)	0183	4.9620	0.01000	5.0011	0.22067	0.14170	42	-0.18	0%	0
003.14	Fat, Ankom (%)	0598	4.9700	0.00000	5.0011	0.22067	0.14170	42	-0.14	0%	0
003.14	Fat, Ankom (%)	0407	4.9824	0.17450	5.0011	0.22067	0.14170	42	-0.08	0%	0
003.14	Fat, Ankom (%)	0843	4.9900	0.12000	5.0011	0.22067	0.14170	42	-0.05	0%	0
003.14	Fat, Ankom (%)	0956	5.0000	0.00000	5.0011	0.22067	0.14170	42	0.00	0%	0
003.14	Fat, Ankom (%)	0004	5.0450	0.03000	5.0011	0.22067	0.14170	42	0.20	0%	0
003.14	Fat, Ankom (%)	0108	5.0450	0.05000	5.0011	0.22067	0.14170	42	0.20	0%	0
003.14	Fat, Ankom (%)	0175	5.0550	0.23000	5.0011	0.22067	0.14170	42	0.24	1%	0
003.14	Fat, Ankom (%)	0529	5.0550	0.03000	5.0011	0.22067	0.14170	42	0.24	1%	0
003.14	Fat, Ankom (%)	0968	5.0560	0.10200	5.0011	0.22067	0.14170	42	0.25	1%	0
003.14	Fat, Ankom (%)	0066	5.0650	0.11000	5.0011	0.22067	0.14170	42	0.29	1%	0
003.14	Fat, Ankom (%)	0009	5.1000	0.06000	5.0011	0.22067	0.14170	42	0.45	1%	0

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003.14	Fat, Ankom (%)	0001	5.1255	0.27500	5.0011	0.22067	0.14170	42	0.56	1%	0
003.14	Fat, Ankom (%)	0015	5.1500	0.04000	5.0011	0.22067	0.14170	42	0.67	1%	0
003.14	Fat, Ankom (%)	0229	5.1500	0.02000	5.0011	0.22067	0.14170	42	0.67	1%	0
003.14	Fat, Ankom (%)	0278	5.1500	0.10000	5.0011	0.22067	0.14170	42	0.67	1%	0
003.14	Fat, Ankom (%)	0049	5.1600	0.20000	5.0011	0.22067	0.14170	42	0.72	2%	0
003.14	Fat, Ankom (%)	0619	5.1850	0.01000	5.0011	0.22067	0.14170	42	0.83	2%	0
003.14	Fat, Ankom (%)	0692	5.2000	0.00000	5.0011	0.22067	0.14170	42	0.90	2%	0
003.14	Fat, Ankom (%)	0955	5.2400	0.08000	5.0011	0.22067	0.14170	42	1.08	2%	0
003.14	Fat, Ankom (%)	0948	5.2900	0.18000	5.0011	0.22067	0.14170	42	1.31	3%	0
003.14	Fat, Ankom (%)	0190	5.3050	0.07000	5.0011	0.22067	0.14170	42	1.38	3%	0
003.14	Fat, Ankom (%)	0726	5.3200	0.00000	5.0011	0.22067	0.14170	42	1.45	3%	0
003.14	Fat, Ankom (%)	0413	5.4000	0.40000	5.0011	0.22067	0.14170	42	1.81	4%	0
003.14	Fat, Ankom (%)	0848	5.6650	0.25000	5.0011	0.22067	0.14170	42	3.01	7%	0
003.99	Fat, Miscellaneous (%)	0880	2.5000	1.2000	5.1800	1.7466	0.48500	6	-1.53	26%	0
003.99	Fat, Miscellaneous (%)	0536	4.8800	0.48000	5.1800	1.7466	0.48500	6	-0.17	3%	0
003.99	Fat, Miscellaneous (%)	0644	5.1050	0.41000	5.1800	1.7466	0.48500	6	-0.04	1%	0
003.99	Fat, Miscellaneous (%)	0016	5.2050	0.01000	5.1800	1.7466	0.48500	6	0.01	0%	0
003.99	Fat, Miscellaneous (%)	0941	5.5300	0.20000	5.1800	1.7466	0.48500	6	0.20	3%	0
003.99	Fat, Miscellaneous (%)	1019	7.7250	0.61000	5.1800	1.7466	0.48500	6	1.46	25%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.2550	0.03000	4.6744	0.33342	0.34647	17	-1.26	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	4.3100	0.02000	4.6744	0.33342	0.34647	17	-1.09	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.3500	0.10000	4.6744	0.33342	0.34647	17	-0.97	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.3950	0.09000	4.6744	0.33342	0.34647	17	-0.84	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.4750	0.05000	4.6744	0.33342	0.34647	17	-0.60	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.5050	0.13000	4.6744	0.33342	0.34647	17	-0.51	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.5500	0.10000	4.6744	0.33342	0.34647	17	-0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.5500	0.50000	4.6744	0.33342	0.34647	17	-0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.5650	1.0300	4.6744	0.33342	0.34647	17	-0.33	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.6950	0.07000	4.6744	0.33342	0.34647	17	0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	4.7150	0.07000	4.6744	0.33342	0.34647	17	0.12	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	4.8500	0.10000	4.6744	0.33342	0.34647	17	0.53	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	4.9500	0.10000	4.6744	0.33342	0.34647	17	0.83	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0183	4.9800	0.02000	4.6744	0.33342	0.34647	17	0.92	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	5.0000	0.20000	4.6744	0.33342	0.34647	17	0.98	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	5.1450	0.07000	4.6744	0.33342	0.34647	17	1.41	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	9.3050	3.2100	4.6744	0.33342	0.34647	17	13.89	50%	0
004.01	Fiber, Sing Filt (%)	0366	6.0500	0.30000				1			0
004.03	Fiber, Fritted Glass (%)	0921	4.0500	0.04000	4.9975	0.85471	0.57167	6	-1.11	9%	0
004.03	Fiber, Fritted Glass (%)	2089	4.4500	2.2200	4.9975	0.85471	0.57167	6	-0.64	5%	0
004.03	Fiber, Fritted Glass (%)	0353	4.5550	0.65000	4.9975	0.85471	0.57167	6	-0.52	4%	0
004.03	Fiber, Fritted Glass (%)	0626	5.3400	0.20000	4.9975	0.85471	0.57167	6	0.40	3%	0

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004.03	Fiber, Fritted Glass (%)	0045	5.6250	0.01000	4.9975	0.85471	0.57167	6	0.73	6%	0
004.03	Fiber, Fritted Glass (%)	0693	5.9650	0.31000	4.9975	0.85471	0.57167	6	1.13	10%	0
004.06	Fiber, Fibertec (%)	0895	4.0500	0.02000	4.7099	0.36951	0.10048	27	-1.79	7%	0
004.06	Fiber, Fibertec (%)	0952	4.1750	0.01000	4.7099	0.36951	0.10048	27	-1.45	6%	0
004.06	Fiber, Fibertec (%)	0098	4.3050	0.05000	4.7099	0.36951	0.10048	27	-1.10	4%	0
004.06	Fiber, Fibertec (%)	0590	4.3300	0.06000	4.7099	0.36951	0.10048	27	-1.03	4%	0
004.06	Fiber, Fibertec (%)	0903	4.3850	0.01000	4.7099	0.36951	0.10048	27	-0.88	3%	0
004.06	Fiber, Fibertec (%)	2022	4.4600	0.04000	4.7099	0.36951	0.10048	27	-0.68	3%	0
004.06	Fiber, Fibertec (%)	0885	4.4795	0.06750	4.7099	0.36951	0.10048	27	-0.62	2%	0
004.06	Fiber, Fibertec (%)	2062	4.4880	0.09800	4.7099	0.36951	0.10048	27	-0.60	2%	0
004.06	Fiber, Fibertec (%)	0897	4.5350	0.01000	4.7099	0.36951	0.10048	27	-0.47	2%	0
004.06	Fiber, Fibertec (%)	0675	4.5650	0.11000	4.7099	0.36951	0.10048	27	-0.39	2%	0
004.06	Fiber, Fibertec (%)	0941	4.5700	0.24000	4.7099	0.36951	0.10048	27	-0.38	1%	0
004.06	Fiber, Fibertec (%)	0878	4.5750	0.05000	4.7099	0.36951	0.10048	27	-0.37	1%	0
004.06	Fiber, Fibertec (%)	0948	4.6550	0.03000	4.7099	0.36951	0.10048	27	-0.15	1%	0
004.06	Fiber, Fibertec (%)	2097	4.6590	0.09600	4.7099	0.36951	0.10048	27	-0.14	1%	0
004.06	Fiber, Fibertec (%)	0689	4.7500	0.30000	4.7099	0.36951	0.10048	27	0.11	0%	0
004.06	Fiber, Fibertec (%)	0205	4.7600	0.08000	4.7099	0.36951	0.10048	27	0.14	1%	0
004.06	Fiber, Fibertec (%)	0918	4.7850	0.55000	4.7099	0.36951	0.10048	27	0.20	1%	0
004.06	Fiber, Fibertec (%)	0027	4.8005	0.04100	4.7099	0.36951	0.10048	27	0.25	1%	0
004.06	Fiber, Fibertec (%)	0722	4.8511	0.03150	4.7099	0.36951	0.10048	27	0.38	1%	0
004.06	Fiber, Fibertec (%)	0199	4.9000	0.10000	4.7099	0.36951	0.10048	27	0.51	2%	0
004.06	Fiber, Fibertec (%)	0674	4.9500	0.00000	4.7099	0.36951	0.10048	27	0.65	3%	0
004.06	Fiber, Fibertec (%)	2152	4.9650	0.03000	4.7099	0.36951	0.10048	27	0.69	3%	0
004.06	Fiber, Fibertec (%)	2149	5.0700	0.46000	4.7099	0.36951	0.10048	27	0.97	4%	0
004.06	Fiber, Fibertec (%)	2006	5.2150	0.19000	4.7099	0.36951	0.10048	27	1.37	5%	0
004.06	Fiber, Fibertec (%)	0968	5.2555	0.00900	4.7099	0.36951	0.10048	27	1.48	6%	0
004.06	Fiber, Fibertec (%)	0676	5.5150	0.01000	4.7099	0.36951	0.10048	27	2.18	9%	0
004.06	Fiber, Fibertec (%)	0893	5.5900	0.02000	4.7099	0.36951	0.10048	27	2.38	9%	0
004.07	Fiber, ANKOM (%)	0265	3.5250	0.09000	4.8732	0.61894	0.22691	64	-2.18	14%	0
004.07	Fiber, ANKOM (%)	0708	3.7850	0.11000	4.8732	0.61894	0.22691	64	-1.76	11%	0
004.07	Fiber, ANKOM (%)	0910	4.0000	0.00000	4.8732	0.61894	0.22691	64	-1.41	9%	0
004.07	Fiber, ANKOM (%)	0035	4.0450	0.23000	4.8732	0.61894	0.22691	64	-1.34	8%	0
004.07	Fiber, ANKOM (%)	0619	4.0480	0.24400	4.8732	0.61894	0.22691	64	-1.33	8%	0
004.07	Fiber, ANKOM (%)	0026	4.0500	0.10000	4.8732	0.61894	0.22691	64	-1.33	8%	0
004.07	Fiber, ANKOM (%)	0726	4.1600	0.12000	4.8732	0.61894	0.22691	64	-1.15	7%	0
004.07	Fiber, ANKOM (%)	0653	4.2250	0.03000	4.8732	0.61894	0.22691	64	-1.05	7%	0
004.07	Fiber, ANKOM (%)	0848	4.2650	0.69000	4.8732	0.61894	0.22691	64	-0.98	6%	0
004.07	Fiber, ANKOM (%)	0009	4.2750	0.15000	4.8732	0.61894	0.22691	64	-0.97	6%	0
004.07	Fiber, ANKOM (%)	0003	4.2800	0.58000	4.8732	0.61894	0.22691	64	-0.96	6%	0
004.07	Fiber, ANKOM (%)	0413	4.3000	0.20000	4.8732	0.61894	0.22691	64	-0.93	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 (%)	2053	4.3450	0.01000	4.8732	0.61894	0.22691	64	-0.85	5%	0
004.07	Fiber, ANKOM (%)	0505	4.3600	0.02000	4.8732	0.61894	0.22691	64	-0.83	5%	0
004.07	Fiber, ANKOM (%)	0066	4.3700	0.20000	4.8732	0.61894	0.22691	64	-0.81	5%	0
004.07	Fiber, ANKOM (%)	0098	4.4050	0.01000	4.8732	0.61894	0.22691	64	-0.76	5%	0
004.07	Fiber, ANKOM (%)	0100	4.4250	0.01000	4.8732	0.61894	0.22691	64	-0.72	5%	0
004.07	Fiber, ANKOM (%)	0032	4.5000	0.00000	4.8732	0.61894	0.22691	64	-0.60	4%	0
004.07	Fiber, ANKOM (%)	0294	4.5000	0.00000	4.8732	0.61894	0.22691	64	-0.60	4%	0
004.07	Fiber, ANKOM (%)	0956	4.5000	0.00000	4.8732	0.61894	0.22691	64	-0.60	4%	0
004.07	Fiber, ANKOM (%)	0553	4.5050	0.53000	4.8732	0.61894	0.22691	64	-0.59	4%	0
004.07	Fiber, ANKOM (%)	0074	4.5750	0.01000	4.8732	0.61894	0.22691	64	-0.48	3%	0
004.07	Fiber, ANKOM (%)	0682	4.6000	0.00000	4.8732	0.61894	0.22691	64	-0.44	3%	0
004.07	Fiber, ANKOM (%)	0552	4.6050	0.01000	4.8732	0.61894	0.22691	64	-0.43	3%	0
004.07	Fiber, ANKOM (%)	0033	4.6300	0.04000	4.8732	0.61894	0.22691	64	-0.39	2%	0
004.07	Fiber, ANKOM (%)	0520	4.6550	0.35000	4.8732	0.61894	0.22691	64	-0.35	2%	0
004.07	Fiber, ANKOM (%)	0354	4.7900	0.10000	4.8732	0.61894	0.22691	64	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0529	4.7950	0.33000	4.8732	0.61894	0.22691	64	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0646	4.7950	0.15000	4.8732	0.61894	0.22691	64	-0.13	1%	0
004.07	Fiber, ANKOM (%)	2109	4.8400	0.10000	4.8732	0.61894	0.22691	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	2012	4.8700	0.10000	4.8732	0.61894	0.22691	64	-0.01	0%	0
004.07	Fiber, ANKOM (%)	0034	4.8800	0.02000	4.8732	0.61894	0.22691	64	0.01	0%	0
004.07	Fiber, ANKOM (%)	0948	4.8800	0.10000	4.8732	0.61894	0.22691	64	0.01	0%	0
004.07	Fiber, ANKOM (%)	0190	4.9000	0.20000	4.8732	0.61894	0.22691	64	0.04	0%	0
004.07	Fiber, ANKOM (%)	2075	4.9000	0.60000	4.8732	0.61894	0.22691	64	0.04	0%	0
004.07	Fiber, ANKOM (%)	0510	4.9500	0.30000	4.8732	0.61894	0.22691	64	0.12	1%	0
004.07	Fiber, ANKOM (%)	0904	5.0050	0.05000	4.8732	0.61894	0.22691	64	0.21	1%	0
004.07	Fiber, ANKOM (%)	0004	5.0200	0.10000	4.8732	0.61894	0.22691	64	0.24	2%	0
004.07	Fiber, ANKOM (%)	0083	5.0400	0.30000	4.8732	0.61894	0.22691	64	0.27	2%	0
004.07	Fiber, ANKOM (%)	0242	5.0550	0.03000	4.8732	0.61894	0.22691	64	0.29	2%	0
004.07	Fiber, ANKOM (%)	0202	5.1050	0.07000	4.8732	0.61894	0.22691	64	0.37	2%	0
004.07	Fiber, ANKOM (%)	0038	5.1150	0.07000	4.8732	0.61894	0.22691	64	0.39	2%	0
004.07	Fiber, ANKOM (%)	0263	5.1215	0.05700	4.8732	0.61894	0.22691	64	0.40	3%	0
004.07	Fiber, ANKOM (%)	0536	5.1300	0.00000	4.8732	0.61894	0.22691	64	0.41	3%	0
004.07	Fiber, ANKOM (%)	0229	5.1500	0.30000	4.8732	0.61894	0.22691	64	0.45	3%	0
004.07	Fiber, ANKOM (%)	0939	5.2000	0.30000	4.8732	0.61894	0.22691	64	0.53	3%	0
004.07	Fiber, ANKOM (%)	0028	5.2500	0.50000	4.8732	0.61894	0.22691	64	0.61	4%	0
004.07	Fiber, ANKOM (%)	0581	5.2500	0.10000	4.8732	0.61894	0.22691	64	0.61	4%	0
004.07	Fiber, ANKOM (%)	0692	5.2500	0.70000	4.8732	0.61894	0.22691	64	0.61	4%	0
004.07	Fiber, ANKOM (%)	0968	5.2555	0.21100	4.8732	0.61894	0.22691	64	0.62	4%	0
004.07	Fiber, ANKOM (%)	0849	5.2850	0.01000	4.8732	0.61894	0.22691	64	0.67	4%	0
004.07	Fiber, ANKOM (%)	0643	5.3550	0.33000	4.8732	0.61894	0.22691	64	0.78	5%	0
004.07	Fiber, ANKOM (%)	0563	5.3602	0.39550	4.8732	0.61894	0.22691	64	0.79	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	
004.07	Fiber, ANKOM (%)	0613	5.3650	0.61000	4.8732	0.61894	0.22691	64	0.79	5%	0
004.07	Fiber, ANKOM (%)	0861	5.3750	0.67000	4.8732	0.61894	0.22691	64	0.81	5%	0
004.07	Fiber, ANKOM (%)	0598	5.6850	0.57000	4.8732	0.61894	0.22691	64	1.31	8%	0
004.07	Fiber, ANKOM (%)	0089	5.7900	0.02000	4.8732	0.61894	0.22691	64	1.48	9%	0
004.07	Fiber, ANKOM (%)	0016	5.9400	0.00000	4.8732	0.61894	0.22691	64	1.72	11%	0
004.07	Fiber, ANKOM (%)	0278	6.1000	0.40000	4.8732	0.61894	0.22691	64	1.98	13%	0
004.07	Fiber, ANKOM (%)	0876	6.1700	1.4400	4.8732	0.61894	0.22691	64	2.10	13%	0
004.07	Fiber, ANKOM (%)	0019	6.5750	0.75000	4.8732	0.61894	0.22691	64	2.75	17%	0
004.07	Fiber, ANKOM (%)	0407	7.6640	0.05580	4.8732	0.61894	0.22691	64	4.51	29%	0
004.07	Fiber, ANKOM (%)	2009	10.065	0.13870	4.8732	0.61894	0.22691	64	8.39	53%	0
004.07	Fiber, ANKOM (%)	0144	15.695	0.61000	4.8732	0.61894	0.22691	64	17.48	111%	0
004.11	Fiber, NIR (%)	0889	4.1850	0.23000	4.6763	0.41507	0.10701	7	-1.18	5%	0
004.11	Fiber, NIR (%)	2121	4.4350	0.13000	4.6763	0.41507	0.10701	7	-0.58	3%	0
004.11	Fiber, NIR (%)	0852	4.4450	0.07000	4.6763	0.41507	0.10701	7	-0.56	2%	0
004.11	Fiber, NIR (%)	2120	4.6850	0.17000	4.6763	0.41507	0.10701	7	0.02	0%	0
004.11	Fiber, NIR (%)	0613	4.7800	0.06000	4.6763	0.41507	0.10701	7	0.25	1%	0
004.11	Fiber, NIR (%)	0553	4.9050	0.07000	4.6763	0.41507	0.10701	7	0.55	2%	0
004.11	Fiber, NIR (%)	2128	5.3883	0.01910	4.6763	0.41507	0.10701	7	1.72	8%	0
004.99	Fiber, Miscellaneous (%)	0644	4.0900	0.18000	4.2375	0.16641	0.07000	4	-0.89	2%	0
004.99	Fiber, Miscellaneous (%)	0629	4.1000	0.00000	4.2375	0.16641	0.07000	4	-0.83	2%	0
004.99	Fiber, Miscellaneous (%)	0610	4.3500	0.10000	4.2375	0.16641	0.07000	4	0.68	1%	0
004.99	Fiber, Miscellaneous (%)	0940	4.4100	0.00000	4.2375	0.16641	0.07000	4	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.8250	0.21000	11.793	0.34138	0.14913	92	-8.69	13%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.0600	0.30000	11.793	0.34138	0.14913	92	-8.01	12%	0
005.00	Ash, 2h @ 600°C (%)	0425	9.0750	0.09000	11.793	0.34138	0.14913	92	-7.96	12%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.1400	0.12000	11.793	0.34138	0.14913	92	-7.77	11%	0
005.00	Ash, 2h @ 600°C (%)	0552	9.4300	0.24000	11.793	0.34138	0.14913	92	-6.92	10%	0
005.00	Ash, 2h @ 600°C (%)	0019	10.180	2.5600	11.793	0.34138	0.14913	92	-4.73	7%	0
005.00	Ash, 2h @ 600°C (%)	0511	10.440	0.18000	11.793	0.34138	0.14913	92	-3.96	6%	0
005.00	Ash, 2h @ 600°C (%)	2073	10.470	0.18000	11.793	0.34138	0.14913	92	-3.88	6%	0
005.00	Ash, 2h @ 600°C (%)	0650	10.665	0.01000	11.793	0.34138	0.14913	92	-3.31	5%	0
005.00	Ash, 2h @ 600°C (%)	0208	10.700	0.20000	11.793	0.34138	0.14913	92	-3.20	5%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.765	0.11000	11.793	0.34138	0.14913	92	-3.01	4%	0
005.00	Ash, 2h @ 600°C (%)	2053	11.160	0.02000	11.793	0.34138	0.14913	92	-1.86	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	11.300	1.1800	11.793	0.34138	0.14913	92	-1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	11.305	0.03000	11.793	0.34138	0.14913	92	-1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	11.355	0.01000	11.793	0.34138	0.14913	92	-1.28	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	11.375	0.07000	11.793	0.34138	0.14913	92	-1.23	2%	0
005.00	Ash, 2h @ 600°C (%)	0148	11.378	0.06560	11.793	0.34138	0.14913	92	-1.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	11.400	0.18000	11.793	0.34138	0.14913	92	-1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	11.480	0.08000	11.793	0.34138	0.14913	92	-0.92	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	
005.00	Ash, 2h @ 600°C (%)	0918	11.535	0.35000	11.793	0.34138	0.14913	92	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	11.550	0.14000	11.793	0.34138	0.14913	92	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	11.550	0.10000	11.793	0.34138	0.14913	92	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	11.560	0.22000	11.793	0.34138	0.14913	92	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.560	0.00000	11.793	0.34138	0.14913	92	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	11.627	0.21790	11.793	0.34138	0.14913	92	-0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	11.650	0.10000	11.793	0.34138	0.14913	92	-0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	11.670	0.02000	11.793	0.34138	0.14913	92	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	11.675	0.13000	11.793	0.34138	0.14913	92	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	11.685	0.09000	11.793	0.34138	0.14913	92	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	11.705	0.21000	11.793	0.34138	0.14913	92	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	11.710	0.20000	11.793	0.34138	0.14913	92	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0039	11.726	0.00660	11.793	0.34138	0.14913	92	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	11.735	0.79000	11.793	0.34138	0.14913	92	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	11.750	0.12000	11.793	0.34138	0.14913	92	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	11.758	0.03690	11.793	0.34138	0.14913	92	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.765	0.03920	11.793	0.34138	0.14913	92	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.770	0.04000	11.793	0.34138	0.14913	92	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	11.780	0.02000	11.793	0.34138	0.14913	92	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	11.780	0.74000	11.793	0.34138	0.14913	92	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	11.785	0.03000	11.793	0.34138	0.14913	92	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	11.795	0.01000	11.793	0.34138	0.14913	92	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	11.800	0.00000	11.793	0.34138	0.14913	92	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	11.815	0.11000	11.793	0.34138	0.14913	92	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	11.851	0.00140	11.793	0.34138	0.14913	92	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	11.855	0.15000	11.793	0.34138	0.14913	92	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	11.870	0.02000	11.793	0.34138	0.14913	92	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	11.875	0.15000	11.793	0.34138	0.14913	92	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.885	0.03000	11.793	0.34138	0.14913	92	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	11.900	0.20000	11.793	0.34138	0.14913	92	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.900	0.04000	11.793	0.34138	0.14913	92	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	11.900	0.00000	11.793	0.34138	0.14913	92	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	11.905	0.01000	11.793	0.34138	0.14913	92	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	11.910	0.06000	11.793	0.34138	0.14913	92	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	11.910	0.06000	11.793	0.34138	0.14913	92	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	11.920	0.10000	11.793	0.34138	0.14913	92	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	11.920	0.34000	11.793	0.34138	0.14913	92	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	11.940	0.04000	11.793	0.34138	0.14913	92	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0017	11.950	0.10000	11.793	0.34138	0.14913	92	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	11.950	0.30000	11.793	0.34138	0.14913	92	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	11.957	0.04740	11.793	0.34138	0.14913	92	0.48	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	
005.00	Ash, 2h @ 600°C (%)	0589	11.960	0.16000	11.793	0.34138	0.14913	92	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	11.967	0.06990	11.793	0.34138	0.14913	92	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.975	0.07000	11.793	0.34138	0.14913	92	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	11.982	0.04100	11.793	0.34138	0.14913	92	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	11.985	0.07000	11.793	0.34138	0.14913	92	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	11.994	0.17180	11.793	0.34138	0.14913	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	11.995	0.01000	11.793	0.34138	0.14913	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0643	11.995	0.01000	11.793	0.34138	0.14913	92	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	12.000	0.04000	11.793	0.34138	0.14913	92	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	12.005	0.07000	11.793	0.34138	0.14913	92	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	12.010	0.08000	11.793	0.34138	0.14913	92	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	12.025	0.23000	11.793	0.34138	0.14913	92	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	12.030	0.02000	11.793	0.34138	0.14913	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	12.030	0.22200	11.793	0.34138	0.14913	92	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	12.055	0.13000	11.793	0.34138	0.14913	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	12.055	0.07000	11.793	0.34138	0.14913	92	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	12.060	0.12000	11.793	0.34138	0.14913	92	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	12.066	0.01530	11.793	0.34138	0.14913	92	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0138	12.095	0.03200	11.793	0.34138	0.14913	92	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0183	12.101	0.01900	11.793	0.34138	0.14913	92	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	12.105	0.03000	11.793	0.34138	0.14913	92	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	12.105	0.03000	11.793	0.34138	0.14913	92	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	12.150	0.10000	11.793	0.34138	0.14913	92	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0366	12.150	0.10000	11.793	0.34138	0.14913	92	1.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	12.165	0.13000	11.793	0.34138	0.14913	92	1.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	12.200	0.20000	11.793	0.34138	0.14913	92	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	12.200	0.00000	11.793	0.34138	0.14913	92	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0242	12.205	0.05000	11.793	0.34138	0.14913	92	1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	12.300	0.12000	11.793	0.34138	0.14913	92	1.48	2%	0
005.00	Ash, 2h @ 600°C (%)	0581	12.325	0.09000	11.793	0.34138	0.14913	92	1.56	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	12.405	0.01000	11.793	0.34138	0.14913	92	1.79	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	12.463	0.00400	11.793	0.34138	0.14913	92	1.96	3%	0
005.02	Ash, LECO (%)	2075	12.040	0.04000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	10.900	0.40000	12.059	0.21552	0.12199	31	-5.38	5%	0
005.05	Ash, 3h @ 550°C (%)	0038	11.265	0.65000	12.059	0.21552	0.12199	31	-3.68	3%	0
005.05	Ash, 3h @ 550°C (%)	0413	11.550	0.70000	12.059	0.21552	0.12199	31	-2.36	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	11.655	0.05000	12.059	0.21552	0.12199	31	-1.87	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	11.885	0.03000	12.059	0.21552	0.12199	31	-0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	11.900	0.14000	12.059	0.21552	0.12199	31	-0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	2062	11.904	0.17030	12.059	0.21552	0.12199	31	-0.72	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	11.925	0.01000	12.059	0.21552	0.12199	31	-0.62	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	
005.05	Ash, 3h @ 550°C (%)	0878	11.945	0.01000	12.059	0.21552	0.12199	31	-0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	11.950	0.10000	12.059	0.21552	0.12199	31	-0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	11.960	0.00000	12.059	0.21552	0.12199	31	-0.46	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	11.985	0.01000	12.059	0.21552	0.12199	31	-0.34	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	11.987	0.06600	12.059	0.21552	0.12199	31	-0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	12.000	0.00000	12.059	0.21552	0.12199	31	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	12.036	0.02900	12.059	0.21552	0.12199	31	-0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	12.045	0.19000	12.059	0.21552	0.12199	31	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	12.070	0.08000	12.059	0.21552	0.12199	31	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0171	12.115	0.09000	12.059	0.21552	0.12199	31	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	12.125	0.01000	12.059	0.21552	0.12199	31	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	12.150	0.10000	12.059	0.21552	0.12199	31	0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	2149	12.176	0.01800	12.059	0.21552	0.12199	31	0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	12.200	0.00000	12.059	0.21552	0.12199	31	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	12.200	0.00000	12.059	0.21552	0.12199	31	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	12.210	0.02000	12.059	0.21552	0.12199	31	0.70	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	12.235	0.06830	12.059	0.21552	0.12199	31	0.82	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	12.260	0.00000	12.059	0.21552	0.12199	31	0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	12.285	0.67000	12.059	0.21552	0.12199	31	1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	12.285	0.09000	12.059	0.21552	0.12199	31	1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	12.310	0.06000	12.059	0.21552	0.12199	31	1.17	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	12.350	0.00000	12.059	0.21552	0.12199	31	1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	12.530	0.02000	12.059	0.21552	0.12199	31	2.19	2%	0
005.11	Ash, NIR (%)	0889	6.9800	0.50000	10.357	2.4637	0.50098	6	-1.37	16%	0
005.11	Ash, NIR (%)	2128	9.4392	0.54590	10.357	2.4637	0.50098	6	-0.37	4%	0
005.11	Ash, NIR (%)	0613	9.5250	0.25000	10.357	2.4637	0.50098	6	-0.34	4%	0
005.11	Ash, NIR (%)	0852	10.940	0.18000	10.357	2.4637	0.50098	6	0.24	3%	0
005.11	Ash, NIR (%)	2120	12.550	0.62000	10.357	2.4637	0.50098	6	0.89	11%	0
005.11	Ash, NIR (%)	2121	12.705	0.91000	10.357	2.4637	0.50098	6	0.95	11%	0
005.99	Ash, Miscellaneous (%)	0662	9.8695	0.20630	12.081	0.44074	0.11966	11	-5.02	9%	0
005.99	Ash, Miscellaneous (%)	0574	11.545	0.19000	12.081	0.44074	0.11966	11	-1.22	2%	0
005.99	Ash, Miscellaneous (%)	0536	11.680	0.04000	12.081	0.44074	0.11966	11	-0.91	2%	0
005.99	Ash, Miscellaneous (%)	0202	12.055	0.01000	12.081	0.44074	0.11966	11	-0.06	0%	0
005.99	Ash, Miscellaneous (%)	0910	12.150	0.10000	12.081	0.44074	0.11966	11	0.16	0%	0
005.99	Ash, Miscellaneous (%)	0884	12.150	0.30000	12.081	0.44074	0.11966	11	0.16	0%	0
005.99	Ash, Miscellaneous (%)	0652	12.200	0.00000	12.081	0.44074	0.11966	11	0.27	0%	0
005.99	Ash, Miscellaneous (%)	0629	12.295	0.01000	12.081	0.44074	0.11966	11	0.49	1%	0
005.99	Ash, Miscellaneous (%)	0676	12.305	0.01000	12.081	0.44074	0.11966	11	0.51	1%	0
005.99	Ash, Miscellaneous (%)	0644	12.345	0.03000	12.081	0.44074	0.11966	11	0.60	1%	0
005.99	Ash, Miscellaneous (%)	0613	12.820	0.42000	12.081	0.44074	0.11966	11	1.68	3%	0
006.00	Total sugars, As sucrose (%)	0910	2.5000	0.32000				2			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			
006.00	Total sugars, As sucrose (%)	0921	2.8700	0.34000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	2.3000	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	3.2250	0.19000				2			0
006.99	Total sugars, Miscellaneous (%)	0956	3.2000	0.20000				1			0
008.02	Fiber, Acid Detergent (%)	0405	3.7400	0.04000	6.8490	0.57322	0.24209	15	-5.42	23%	0
008.02	Fiber, Acid Detergent (%)	0035	6.1100	0.10000	6.8490	0.57322	0.24209	15	-1.29	5%	0
008.02	Fiber, Acid Detergent (%)	0948	6.4950	0.33000	6.8490	0.57322	0.24209	15	-0.62	3%	0
008.02	Fiber, Acid Detergent (%)	0208	6.5050	0.87000	6.8490	0.57322	0.24209	15	-0.60	3%	0
008.02	Fiber, Acid Detergent (%)	0098	6.5100	0.06000	6.8490	0.57322	0.24209	15	-0.59	2%	0
008.02	Fiber, Acid Detergent (%)	0939	6.6150	0.19000	6.8490	0.57322	0.24209	15	-0.41	2%	0
008.02	Fiber, Acid Detergent (%)	0675	6.8050	0.07000	6.8490	0.57322	0.24209	15	-0.08	0%	0
008.02	Fiber, Acid Detergent (%)	0504	6.8400	0.64000	6.8490	0.57322	0.24209	15	-0.02	0%	0
008.02	Fiber, Acid Detergent (%)	0353	6.9100	0.14000	6.8490	0.57322	0.24209	15	0.11	0%	0
008.02	Fiber, Acid Detergent (%)	0676	6.9200	0.30000	6.8490	0.57322	0.24209	15	0.12	1%	0
008.02	Fiber, Acid Detergent (%)	0345	7.1500	0.30000	6.8490	0.57322	0.24209	15	0.53	2%	0
008.02	Fiber, Acid Detergent (%)	0885	7.2032	0.39130	6.8490	0.57322	0.24209	15	0.62	3%	0
008.02	Fiber, Acid Detergent (%)	0148	7.2650	0.01000	6.8490	0.57322	0.24209	15	0.73	3%	0
008.02	Fiber, Acid Detergent (%)	0226	7.9000	0.00000	6.8490	0.57322	0.24209	15	1.83	8%	0
008.02	Fiber, Acid Detergent (%)	0187	8.7250	0.19000	6.8490	0.57322	0.24209	15	3.27	14%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	8.0000	0.40000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2022	4.2200	0.00000	6.9992	0.92239	0.28179	43	-3.01	20%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	5.3800	0.26000	6.9992	0.92239	0.28179	43	-1.76	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	5.6875	0.13500	6.9992	0.92239	0.28179	43	-1.42	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	5.7200	0.38000	6.9992	0.92239	0.28179	43	-1.39	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	5.8050	0.03000	6.9992	0.92239	0.28179	43	-1.29	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0016	5.8950	0.37000	6.9992	0.92239	0.28179	43	-1.20	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.0500	0.10000	6.9992	0.92239	0.28179	43	-1.03	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.1600	0.04000	6.9992	0.92239	0.28179	43	-0.91	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	6.1600	0.24000	6.9992	0.92239	0.28179	43	-0.91	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.3000	0.40000	6.9992	0.92239	0.28179	43	-0.76	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	6.4050	0.19000	6.9992	0.92239	0.28179	43	-0.64	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	6.4150	0.39000	6.9992	0.92239	0.28179	43	-0.63	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	6.5250	0.31000	6.9992	0.92239	0.28179	43	-0.51	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	6.6900	0.24000	6.9992	0.92239	0.28179	43	-0.34	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	6.7000	0.02000	6.9992	0.92239	0.28179	43	-0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	6.7250	0.45000	6.9992	0.92239	0.28179	43	-0.30	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	6.7950	0.01000	6.9992	0.92239	0.28179	43	-0.22	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.8150	0.21000	6.9992	0.92239	0.28179	43	-0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.8500	0.10000	6.9992	0.92239	0.28179	43	-0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	6.8800	0.36000	6.9992	0.92239	0.28179	43	-0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	7.0250	0.31000	6.9992	0.92239	0.28179	43	0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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008.08	Fiber, Acid Detergent, ANKOM (%)	0693	7.1100	0.08000	6.9992	0.92239	0.28179	43	0.12	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	7.1300	0.12000	6.9992	0.92239	0.28179	43	0.14	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	7.1500	0.32000	6.9992	0.92239	0.28179	43	0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	7.1730	0.02000	6.9992	0.92239	0.28179	43	0.19	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	7.2400	0.08000	6.9992	0.92239	0.28179	43	0.26	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	7.2450	0.43000	6.9992	0.92239	0.28179	43	0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	7.2450	0.09000	6.9992	0.92239	0.28179	43	0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	7.2500	0.30000	6.9992	0.92239	0.28179	43	0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	7.4000	0.80000	6.9992	0.92239	0.28179	43	0.43	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	7.4200	0.04000	6.9992	0.92239	0.28179	43	0.46	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	7.4350	0.31000	6.9992	0.92239	0.28179	43	0.47	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	7.5250	0.05000	6.9992	0.92239	0.28179	43	0.57	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	7.5550	0.61000	6.9992	0.92239	0.28179	43	0.60	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.5728	0.19690	6.9992	0.92239	0.28179	43	0.62	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	7.7500	0.70000	6.9992	0.92239	0.28179	43	0.81	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	8.0700	0.18000	6.9992	0.92239	0.28179	43	1.16	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	8.0800	0.64000	6.9992	0.92239	0.28179	43	1.17	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	8.2500	0.94000	6.9992	0.92239	0.28179	43	1.36	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	8.4500	0.10000	6.9992	0.92239	0.28179	43	1.57	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	8.4550	0.59000	6.9992	0.92239	0.28179	43	1.58	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	8.4953	0.67490	6.9992	0.92239	0.28179	43	1.62	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	9.4500	0.30000	6.9992	0.92239	0.28179	43	2.66	18%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	6.1000	0.00000				2			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	7.5500	0.10000				2			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	14.620	0.50000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	12.850	0.10000	15.532	1.7911	0.27889	9	-1.50	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	14.095	0.33000	15.532	1.7911	0.27889	9	-0.80	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	14.150	0.90000	15.532	1.7911	0.27889	9	-0.77	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	15.415	0.07000	15.532	1.7911	0.27889	9	-0.07	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	16.000	0.40000	15.532	1.7911	0.27889	9	0.26	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	16.100	0.20000	15.532	1.7911	0.27889	9	0.32	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	16.450	0.10000	15.532	1.7911	0.27889	9	0.51	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	16.775	0.09000	15.532	1.7911	0.27889	9	0.69	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	17.950	0.32000	15.532	1.7911	0.27889	9	1.35	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	13.750	0.90000	15.276	1.0114	0.31719	37	-1.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	14.000	0.20000	15.276	1.0114	0.31719	37	-1.26	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	14.050	0.10000	15.276	1.0114	0.31719	37	-1.21	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	14.205	0.23000	15.276	1.0114	0.31719	37	-1.06	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	14.210	0.30000	15.276	1.0114	0.31719	37	-1.05	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	14.240	0.38000	15.276	1.0114	0.31719	37	-1.02	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	14.345	0.03000	15.276	1.0114	0.31719	37	-0.92	3%	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	14.345	0.13000	15.276	1.0114	0.31719	37	-0.92	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	14.350	0.10000	15.276	1.0114	0.31719	37	-0.92	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	14.385	0.15000	15.276	1.0114	0.31719	37	-0.88	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	14.525	0.13000	15.276	1.0114	0.31719	37	-0.74	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	14.598	0.02340	15.276	1.0114	0.31719	37	-0.67	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	14.600	0.00000	15.276	1.0114	0.31719	37	-0.67	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	14.900	1.0200	15.276	1.0114	0.31719	37	-0.37	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	15.015	0.59000	15.276	1.0114	0.31719	37	-0.26	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	15.100	0.12000	15.276	1.0114	0.31719	37	-0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2022	15.120	0.04000	15.276	1.0114	0.31719	37	-0.15	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	15.130	0.18000	15.276	1.0114	0.31719	37	-0.14	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	15.350	0.10000	15.276	1.0114	0.31719	37	0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	15.420	0.40000	15.276	1.0114	0.31719	37	0.14	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	15.500	0.00000	15.276	1.0114	0.31719	37	0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	15.545	0.19000	15.276	1.0114	0.31719	37	0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	15.550	1.1000	15.276	1.0114	0.31719	37	0.27	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	15.650	0.10000	15.276	1.0114	0.31719	37	0.37	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	15.710	0.22000	15.276	1.0114	0.31719	37	0.43	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	15.750	0.70000	15.276	1.0114	0.31719	37	0.47	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	15.800	0.18000	15.276	1.0114	0.31719	37	0.52	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	15.881	0.61090	15.276	1.0114	0.31719	37	0.60	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	16.000	0.40000	15.276	1.0114	0.31719	37	0.72	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	16.050	0.10000	15.276	1.0114	0.31719	37	0.77	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	16.450	0.30000	15.276	1.0114	0.31719	37	1.16	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	16.505	0.48080	15.276	1.0114	0.31719	37	1.22	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	16.507	0.54100	15.276	1.0114	0.31719	37	1.22	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	16.510	0.36000	15.276	1.0114	0.31719	37	1.22	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	16.600	1.0000	15.276	1.0114	0.31719	37	1.31	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	16.750	0.26000	15.276	1.0114	0.31719	37	1.46	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	18.585	0.07000	15.276	1.0114	0.31719	37	3.27	11%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	17.180	0.04000				2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	18.285	6.5500				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.7750	0.71000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	9.3800	0.54000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	9.5550	0.25000				3			0
010.11	Moisture, NIR (%)	2121	9.0650	0.03000	9.9523	0.81383	0.12067	6	-1.09	4%	0
010.11	Moisture, NIR (%)	2120	9.1000	0.18000	9.9523	0.81383	0.12067	6	-1.05	4%	0
010.11	Moisture, NIR (%)	0889	9.9850	0.09000	9.9523	0.81383	0.12067	6	0.04	0%	0
010.11	Moisture, NIR (%)	2128	10.319	0.03400	9.9523	0.81383	0.12067	6	0.45	2%	0
010.11	Moisture, NIR (%)	0553	10.505	0.33000	9.9523	0.81383	0.12067	6	0.68	3%	0
010.11	Moisture, NIR (%)	0852	10.740	0.06000	9.9523	0.81383	0.12067	6	0.97	4%	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	
010.99	Moisture, Miscellaneous (%)	0017	7.1000	0.20000	9.4729	0.43526	0.12181	16	-5.45	13%	0
010.99	Moisture, Miscellaneous (%)	0722	8.7186	0.03890	9.4729	0.43526	0.12181	16	-1.73	4%	0
010.99	Moisture, Miscellaneous (%)	2089	9.0700	0.04000	9.4729	0.43526	0.12181	16	-0.93	2%	0
010.99	Moisture, Miscellaneous (%)	0948	9.2300	0.14000	9.4729	0.43526	0.12181	16	-0.56	1%	0
010.99	Moisture, Miscellaneous (%)	0917	9.3000	0.20000	9.4729	0.43526	0.12181	16	-0.40	1%	0
010.99	Moisture, Miscellaneous (%)	0952	9.3600	0.00000	9.4729	0.43526	0.12181	16	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.4050	0.07000	9.4729	0.43526	0.12181	16	-0.16	0%	0
010.99	Moisture, Miscellaneous (%)	2129	9.4150	0.19000	9.4729	0.43526	0.12181	16	-0.13	0%	0
010.99	Moisture, Miscellaneous (%)	0692	9.4500	0.30000	9.4729	0.43526	0.12181	16	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0726	9.6300	0.10000	9.4729	0.43526	0.12181	16	0.36	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.6650	0.01000	9.4729	0.43526	0.12181	16	0.44	1%	0
010.99	Moisture, Miscellaneous (%)	2150	9.6700	0.20000	9.4729	0.43526	0.12181	16	0.45	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.7300	0.10000	9.4729	0.43526	0.12181	16	0.59	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.7500	0.10000	9.4729	0.43526	0.12181	16	0.64	1%	0
010.99	Moisture, Miscellaneous (%)	2127	10.240	0.24000	9.4729	0.43526	0.12181	16	1.76	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.740	0.02000	9.4729	0.43526	0.12181	16	2.91	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.3650	0.25000	10.160	0.35053	0.11691	65	-5.12	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.4400	0.06000	10.160	0.35053	0.11691	65	-4.91	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.8050	0.73000	10.160	0.35053	0.11691	65	-3.87	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.9100	0.10000	10.160	0.35053	0.11691	65	-3.57	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.9200	0.04000	10.160	0.35053	0.11691	65	-3.54	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.5100	0.04000	10.160	0.35053	0.11691	65	-1.85	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.5500	0.10000	10.160	0.35053	0.11691	65	-1.74	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.5900	0.22000	10.160	0.35053	0.11691	65	-1.63	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.6000	0.00000	10.160	0.35053	0.11691	65	-1.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	9.6658	0.01930	10.160	0.35053	0.11691	65	-1.41	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	9.7000	0.00000	10.160	0.35053	0.11691	65	-1.31	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	9.7700	0.14000	10.160	0.35053	0.11691	65	-1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.8400	0.04000	10.160	0.35053	0.11691	65	-0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.8450	0.45000	10.160	0.35053	0.11691	65	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.8750	0.03000	10.160	0.35053	0.11691	65	-0.81	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.9650	0.57000	10.160	0.35053	0.11691	65	-0.56	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	9.9922	0.07340	10.160	0.35053	0.11691	65	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.9965	0.02900	10.160	0.35053	0.11691	65	-0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.025	0.05000	10.160	0.35053	0.11691	65	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.040	0.08000	10.160	0.35053	0.11691	65	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.080	0.02000	10.160	0.35053	0.11691	65	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.090	0.02000	10.160	0.35053	0.11691	65	-0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.095	0.25000	10.160	0.35053	0.11691	65	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.100	0.04000	10.160	0.35053	0.11691	65	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.100	0.00000	10.160	0.35053	0.11691	65	-0.17	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0066	10.100	0.10000	10.160	0.35053	0.11691	65	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.110	0.04000	10.160	0.35053	0.11691	65	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.150	0.44000	10.160	0.35053	0.11691	65	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.150	0.00000	10.160	0.35053	0.11691	65	-0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.171	0.01500	10.160	0.35053	0.11691	65	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.175	0.01000	10.160	0.35053	0.11691	65	0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.215	0.37000	10.160	0.35053	0.11691	65	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.230	0.02000	10.160	0.35053	0.11691	65	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	10.230	0.30000	10.160	0.35053	0.11691	65	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.250	0.16000	10.160	0.35053	0.11691	65	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.250	0.10000	10.160	0.35053	0.11691	65	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.259	0.34100	10.160	0.35053	0.11691	65	0.28	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.265	0.07000	10.160	0.35053	0.11691	65	0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.300	0.00000	10.160	0.35053	0.11691	65	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.300	0.00000	10.160	0.35053	0.11691	65	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.300	0.00000	10.160	0.35053	0.11691	65	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	10.304	0.10590	10.160	0.35053	0.11691	65	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.305	0.37000	10.160	0.35053	0.11691	65	0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.315	0.05000	10.160	0.35053	0.11691	65	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.325	0.01000	10.160	0.35053	0.11691	65	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	10.335	0.01000	10.160	0.35053	0.11691	65	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.340	0.04000	10.160	0.35053	0.11691	65	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.395	0.15000	10.160	0.35053	0.11691	65	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.400	0.00000	10.160	0.35053	0.11691	65	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	10.400	0.00000	10.160	0.35053	0.11691	65	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.400	0.00000	10.160	0.35053	0.11691	65	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	10.410	0.40000	10.160	0.35053	0.11691	65	0.71	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.480	0.02000	10.160	0.35053	0.11691	65	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	10.480	0.16000	10.160	0.35053	0.11691	65	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.480	0.14000	10.160	0.35053	0.11691	65	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	10.480	0.06000	10.160	0.35053	0.11691	65	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.490	0.00000	10.160	0.35053	0.11691	65	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.505	0.01000	10.160	0.35053	0.11691	65	0.98	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.525	0.07000	10.160	0.35053	0.11691	65	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.550	0.08000	10.160	0.35053	0.11691	65	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.550	0.10000	10.160	0.35053	0.11691	65	1.11	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.568	0.03200	10.160	0.35053	0.11691	65	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.640	0.26000	10.160	0.35053	0.11691	65	1.37	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.690	0.08000	10.160	0.35053	0.11691	65	1.51	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.751	0.13360	10.160	0.35053	0.11691	65	1.69	3%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.080	0.04000				2			0

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011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.140	0.20000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.5800	0.12000	9.7888	0.19220	0.11750	4	-1.09	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.7500	0.10000	9.7888	0.19220	0.11750	4	-0.20	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	9.7800	0.12000	9.7888	0.19220	0.11750	4	-0.05	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	10.045	0.13000	9.7888	0.19220	0.11750	4	1.33	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	30.000	0.80000	30.643	0.59975	0.29140	8	-1.07	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	30.100	0.40000	30.643	0.59975	0.29140	8	-0.91	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	30.275	0.11000	30.643	0.59975	0.29140	8	-0.61	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	30.310	0.16000	30.643	0.59975	0.29140	8	-0.55	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	30.935	0.01000	30.643	0.59975	0.29140	8	0.49	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	31.000	0.60000	30.643	0.59975	0.29140	8	0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	31.148	0.12120	30.643	0.59975	0.29140	8	0.84	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	31.375	0.13000	30.643	0.59975	0.29140	8	1.22	1%	0
012.01	Starch, Megazyme (%)	0918	22.423	0.66000	27.583	1.6156	0.79000	9	-3.19	9%	0
012.01	Starch, Megazyme (%)	0613	26.225	2.3900	27.583	1.6156	0.79000	9	-0.84	2%	0
012.01	Starch, Megazyme (%)	0676	26.660	0.06000	27.583	1.6156	0.79000	9	-0.57	2%	0
012.01	Starch, Megazyme (%)	0265	27.150	0.30000	27.583	1.6156	0.79000	9	-0.27	1%	0
012.01	Starch, Megazyme (%)	0164	27.450	0.50000	27.583	1.6156	0.79000	9	-0.08	0%	0
012.01	Starch, Megazyme (%)	0693	28.350	0.90000	27.583	1.6156	0.79000	9	0.47	1%	0
012.01	Starch, Megazyme (%)	0956	28.800	2.0000	27.583	1.6156	0.79000	9	0.75	2%	0
012.01	Starch, Megazyme (%)	0366	29.200	0.00000	27.583	1.6156	0.79000	9	1.00	3%	0
012.01	Starch, Megazyme (%)	0045	29.250	0.30000	27.583	1.6156	0.79000	9	1.03	3%	0
012.02	Starch, Colorimetric (GOP) (%)	0955	30.150	0.10000				2			0
012.02	Starch, Colorimetric (GOP) (%)	2089	33.665	0.27000				2			0
012.03	Starch, Enzymatic (%)	0889	29.005	0.01000	29.269	0.50505	0.20970	5	-0.92	0%	0
012.03	Starch, Enzymatic (%)	0885	29.019	0.15850	29.269	0.50505	0.20970	5	-0.58	0%	0
012.03	Starch, Enzymatic (%)	0148	29.050	0.16000	29.269	0.50505	0.20970	5	0.15	0%	0
012.03	Starch, Enzymatic (%)	0098	29.100	0.20000	29.269	0.50505	0.20970	5	1.34	0%	0
012.03	Starch, Enzymatic (%)	0407	30.170	0.52000	29.269	0.50505	0.20970	5	26.81	2%	0
012.04	Starch, YSI Analyzer (%)	0160	28.340	0.82000	29.062	0.58755	0.28800	5	-1.83	2%	0
012.04	Starch, YSI Analyzer (%)	0278	28.950	0.10000	29.062	0.58755	0.28800	5	-0.59	1%	0
012.04	Starch, YSI Analyzer (%)	0510	29.000	0.20000	29.062	0.58755	0.28800	5	-0.49	0%	0
012.04	Starch, YSI Analyzer (%)	0353	29.040	0.16000	29.062	0.58755	0.28800	5	-0.41	0%	0
012.04	Starch, YSI Analyzer (%)	0948	29.980	0.16000	29.062	0.58755	0.28800	5	1.50	1%	0
012.11	Starch, NIR (%)	0889	30.665	0.55000				3			0
012.11	Starch, NIR (%)	0852	30.780	0.14000				3			0
012.11	Starch, NIR (%)	2128	32.394	0.00200				3			0
013.00	Fat, Acid hydrolysis (%)	0618	5.1200	0.02000	6.0209	0.60377	0.18063	16	-1.49	7%	0
013.00	Fat, Acid hydrolysis (%)	0689	5.2500	0.10000	6.0209	0.60377	0.18063	16	-1.28	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	5.3200	0.04000	6.0209	0.60377	0.18063	16	-1.16	6%	0
013.00	Fat, Acid hydrolysis (%)	0504	5.3800	0.26000	6.0209	0.60377	0.18063	16	-1.06	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	
013.00	Fat, Acid hydrolysis (%)	0541	5.7700	0.46000	6.0209	0.60377	0.18063	16	-0.42	2%	0
013.00	Fat, Acid hydrolysis (%)	0884	5.9500	0.10000	6.0209	0.60377	0.18063	16	-0.12	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	5.9850	0.27000	6.0209	0.60377	0.18063	16	-0.06	0%	0
013.00	Fat, Acid hydrolysis (%)	0948	6.0500	0.06000	6.0209	0.60377	0.18063	16	0.05	0%	0
013.00	Fat, Acid hydrolysis (%)	0652	6.1000	0.00000	6.0209	0.60377	0.18063	16	0.13	1%	0
013.00	Fat, Acid hydrolysis (%)	0242	6.1050	0.27000	6.0209	0.60377	0.18063	16	0.14	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	6.2000	0.10000	6.0209	0.60377	0.18063	16	0.30	1%	0
013.00	Fat, Acid hydrolysis (%)	0615	6.5100	0.02000	6.0209	0.60377	0.18063	16	0.81	4%	0
013.00	Fat, Acid hydrolysis (%)	2057	6.5950	0.05000	6.0209	0.60377	0.18063	16	0.95	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	6.6100	0.26000	6.0209	0.60377	0.18063	16	0.98	5%	0
013.00	Fat, Acid hydrolysis (%)	2076	6.6500	0.76000	6.0209	0.60377	0.18063	16	1.04	5%	0
013.00	Fat, Acid hydrolysis (%)	0139	6.7400	0.12000	6.0209	0.60377	0.18063	16	1.19	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0017	5.4500	0.30000	6.3763	0.39947	0.18955	22	-2.32	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	5.8650	0.21000	6.3763	0.39947	0.18955	22	-1.28	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	5.9200	0.34000	6.3763	0.39947	0.18955	22	-1.14	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	5.9300	0.10000	6.3763	0.39947	0.18955	22	-1.12	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	5.9400	0.14000	6.3763	0.39947	0.18955	22	-1.09	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	6.0750	0.75000	6.3763	0.39947	0.18955	22	-0.75	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	6.1900	0.20000	6.3763	0.39947	0.18955	22	-0.47	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	6.3150	0.07000	6.3763	0.39947	0.18955	22	-0.15	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	6.3250	0.49000	6.3763	0.39947	0.18955	22	-0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	6.3550	0.33000	6.3763	0.39947	0.18955	22	-0.05	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0074	6.3800	0.08000	6.3763	0.39947	0.18955	22	0.01	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	6.4200	0.00000	6.3763	0.39947	0.18955	22	0.11	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	6.4700	0.12000	6.3763	0.39947	0.18955	22	0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	6.5050	0.05000	6.3763	0.39947	0.18955	22	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	6.5150	0.11000	6.3763	0.39947	0.18955	22	0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	6.5150	0.11000	6.3763	0.39947	0.18955	22	0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	6.5800	0.16000	6.3763	0.39947	0.18955	22	0.51	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0010	6.7000	0.40000	6.3763	0.39947	0.18955	22	0.81	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	6.7000	0.00000	6.3763	0.39947	0.18955	22	0.81	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	6.8650	0.01000	6.3763	0.39947	0.18955	22	1.22	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	6.9600	0.18000	6.3763	0.39947	0.18955	22	1.46	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	8.2500	0.02000	6.3763	0.39947	0.18955	22	4.69	15%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	4.6850	0.25000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	5.1475	0.02730	5.8575	0.40960	0.22546	5	-6.25	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	5.8800	0.28000	5.8575	0.40960	0.22546	5	-1.02	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0629	6.0300	0.00000	5.8575	0.40960	0.22546	5	0.05	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	6.0700	0.74000	5.8575	0.40960	0.22546	5	0.33	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	6.1600	0.08000	5.8575	0.40960	0.22546	5	0.98	1%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	5.8576	0.06460				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	4.4820	0.44800	5.9761	0.94947	0.21250	6	-1.57	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	5.7195	0.13700	5.9761	0.94947	0.21250	6	-0.27	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	5.8950	0.09000	5.9761	0.94947	0.21250	6	-0.09	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	6.2350	0.25000	5.9761	0.94947	0.21250	6	0.27	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	6.4050	0.05000	5.9761	0.94947	0.21250	6	0.45	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	7.0500	0.30000	5.9761	0.94947	0.21250	6	1.13	9%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	85.025	14.610	123.47	33.593	6.3775	4	-1.14	16%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	110.35	3.9000	123.47	33.593	6.3775	4	-0.39	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	135.00	4.0000	123.47	33.593	6.3775	4	0.34	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	163.50	3.0000	123.47	33.593	6.3775	4	1.19	16%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	153.75	19.500				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	107.40	3.5810	164.32	41.785	27.764	6	-1.36	17%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	142.00	6.0000	164.32	41.785	27.764	6	-0.53	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	153.00	4.0000	164.32	41.785	27.764	6	-0.27	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0021	185.00	90.000	164.32	41.785	27.764	6	0.49	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	194.00	8.0000	164.32	41.785	27.764	6	0.71	9%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	204.50	55.000	164.32	41.785	27.764	6	0.96	12%	0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	220.50	13.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	5.2650	0.03000	6.2100	0.81428	0.63000	4	-0.86	7%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	5.8400	0.34000	6.2100	0.81428	0.63000	4	-0.24	2%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	6.6500	1.8600	6.2100	0.81428	0.63000	4	0.63	5%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	7.0850	0.29000	6.2100	0.81428	0.63000	4	1.10	8%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	4.9000	0.08000	6.4158	1.4103	0.18500	6	-1.07	12%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	5.5600	0.42000	6.4158	1.4103	0.18500	6	-0.61	7%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	5.9300	0.00000	6.4158	1.4103	0.18500	6	-0.34	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	6.2900	0.44000	6.4158	1.4103	0.18500	6	-0.09	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0187	7.8850	0.03000	6.4158	1.4103	0.18500	6	1.04	11%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	7.9300	0.14000	6.4158	1.4103	0.18500	6	1.07	12%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	5.6500	0.10000	6.4125	0.56032	0.43500	4	-1.36	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	6.5000	1.0000	6.4125	0.56032	0.43500	4	0.16	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	6.5000	0.64000	6.4125	0.56032	0.43500	4	0.16	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	7.0000	0.00000	6.4125	0.56032	0.43500	4	1.05	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	6.4125	0.56032	0.43500	4			4
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0096	5.7785	0.19020				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	3.2650	0.41000	3.5357	0.13449	0.08692	10	-2.01	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	3.4538	0.03460	3.5357	0.13449	0.08692	10	-0.61	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	3.4825	0.05300	3.5357	0.13449	0.08692	10	-0.40	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	3.4850	0.01000	3.5357	0.13449	0.08692	10	-0.38	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	3.4950	0.01000	3.5357	0.13449	0.08692	10	-0.30	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	3.5250	0.01000	3.5357	0.13449	0.08692	10	-0.08	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	3.5390	0.01600	3.5357	0.13449	0.08692	10	0.02	0%	0

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019.00	Calcium, Ox-Mn04 Vol. (%)	0893	3.6050	0.01000	3.5357	0.13449	0.08692	10	0.52	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	3.7000	0.20000	3.5357	0.13449	0.08692	10	1.22	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	3.8757	0.11560	3.5357	0.13449	0.08692	10	2.53	5%	0
019.02	Calcium, Hach Method (%)	2128	4.0475	0.04900				2			0
019.02	Calcium, Hach Method (%)	0536	5.5000	0.12000				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	3.6154	0.05790				1			0
019.08	Calcium, EDTA (%)	0629	3.4500	0.00000	3.5362	0.07671	0.05072	9	-1.12	1%	0
019.08	Calcium, EDTA (%)	0590	3.4600	0.14000	3.5362	0.07671	0.05072	9	-0.99	1%	0
019.08	Calcium, EDTA (%)	0849	3.4615	0.02300	3.5362	0.07671	0.05072	9	-0.97	1%	0
019.08	Calcium, EDTA (%)	0940	3.5350	0.11000	3.5362	0.07671	0.05072	9	-0.02	0%	0
019.08	Calcium, EDTA (%)	0138	3.5500	0.01400	3.5362	0.07671	0.05072	9	0.18	0%	0
019.08	Calcium, EDTA (%)	0852	3.5500	0.10000	3.5362	0.07671	0.05072	9	0.18	0%	0
019.08	Calcium, EDTA (%)	0689	3.5700	0.04000	3.5362	0.07671	0.05072	9	0.44	0%	0
019.08	Calcium, EDTA (%)	0885	3.6072	0.01380	3.5362	0.07671	0.05072	9	0.93	1%	0
019.08	Calcium, EDTA (%)	2009	3.6422	0.01570	3.5362	0.07671	0.05072	9	1.38	1%	0
019.09	Calcium, Ion-selective electrode (%)	2006	3.3015	0.01300				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	2.8350	0.33000	3.5048	0.21049	0.11287	27	-3.18	10%	0
019.31	Calcium, AAS, Dry ash (%)	0904	3.1650	0.05000	3.5048	0.21049	0.11287	27	-1.61	5%	0
019.31	Calcium, AAS, Dry ash (%)	0001	3.1735	0.01100	3.5048	0.21049	0.11287	27	-1.57	5%	0
019.31	Calcium, AAS, Dry ash (%)	0650	3.2000	0.38000	3.5048	0.21049	0.11287	27	-1.45	4%	0
019.31	Calcium, AAS, Dry ash (%)	0014	3.2450	0.03000	3.5048	0.21049	0.11287	27	-1.23	4%	0
019.31	Calcium, AAS, Dry ash (%)	0884	3.2600	0.28000	3.5048	0.21049	0.11287	27	-1.16	3%	0
019.31	Calcium, AAS, Dry ash (%)	0939	3.4400	0.10000	3.5048	0.21049	0.11287	27	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	3.4550	0.03000	3.5048	0.21049	0.11287	27	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	3.4651	0.10320	3.5048	0.21049	0.11287	27	-0.19	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	3.4800	0.02000	3.5048	0.21049	0.11287	27	-0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	2022	3.4900	0.00000	3.5048	0.21049	0.11287	27	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	2097	3.4971	0.03420	3.5048	0.21049	0.11287	27	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	3.5300	0.16000	3.5048	0.21049	0.11287	27	0.12	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	3.5350	0.01000	3.5048	0.21049	0.11287	27	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	3.5410	0.00400	3.5048	0.21049	0.11287	27	0.17	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	3.5900	0.50000	3.5048	0.21049	0.11287	27	0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	3.5950	0.05000	3.5048	0.21049	0.11287	27	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	3.5950	0.01000	3.5048	0.21049	0.11287	27	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0674	3.6000	0.00000	3.5048	0.21049	0.11287	27	0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0563	3.6142	0.01520	3.5048	0.21049	0.11287	27	0.52	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	3.6200	0.06000	3.5048	0.21049	0.11287	27	0.55	2%	0
019.31	Calcium, AAS, Dry ash (%)	0878	3.6450	0.01000	3.5048	0.21049	0.11287	27	0.67	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	3.6550	0.43000	3.5048	0.21049	0.11287	27	0.71	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	3.6800	0.06000	3.5048	0.21049	0.11287	27	0.83	2%	0
019.31	Calcium, AAS, Dry ash (%)	0505	3.6900	0.18000	3.5048	0.21049	0.11287	27	0.88	3%	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			
019.31	Calcium, AAS, Dry ash (%)	0152	4.5900	0.04000	3.5048	0.21049	0.11287	27	5.16	15%	0
019.31	Calcium, AAS, Dry ash (%)	0018	4.6350	0.15000	3.5048	0.21049	0.11287	27	5.37	16%	0
019.32	Calcium, AAS, Open vessel (%)	0263	3.3125	0.01500	3.5969	0.20828	0.03525	4	-1.37	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	3.5700	0.06000	3.5969	0.20828	0.03525	4	-0.13	0%	0
019.32	Calcium, AAS, Open vessel (%)	0504	3.7450	0.00600	3.5969	0.20828	0.03525	4	0.71	2%	0
019.32	Calcium, AAS, Open vessel (%)	0612	3.7600	0.06000	3.5969	0.20828	0.03525	4	0.78	2%	0
019.33	Calcium, AAS, Microwave (%)	0035	3.5200	0.02000				3			0
019.33	Calcium, AAS, Microwave (%)	0504	3.8675	0.05700				3			0
019.33	Calcium, AAS, Microwave (%)	0010	3.9100	0.18000				3			0
019.41	Calcium, ICP, Dry ash (%)	0405	0.42125	0.00170	3.5396	0.14551	0.05637	26	-21.43	44%	0
019.41	Calcium, ICP, Dry ash (%)	0144	3.2550	0.05000	3.5396	0.14551	0.05637	26	-1.96	4%	0
019.41	Calcium, ICP, Dry ash (%)	0089	3.2800	0.00000	3.5396	0.14551	0.05637	26	-1.78	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	3.3700	0.04000	3.5396	0.14551	0.05637	26	-1.17	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	3.4250	0.07000	3.5396	0.14551	0.05637	26	-0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	3.4600	0.02000	3.5396	0.14551	0.05637	26	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	3.4700	0.02000	3.5396	0.14551	0.05637	26	-0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	3.4785	0.26700	3.5396	0.14551	0.05637	26	-0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	3.4900	0.04000	3.5396	0.14551	0.05637	26	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	3.4950	0.03000	3.5396	0.14551	0.05637	26	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	3.5150	0.01000	3.5396	0.14551	0.05637	26	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	3.5200	0.04000	3.5396	0.14551	0.05637	26	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	3.5250	0.03000	3.5396	0.14551	0.05637	26	-0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	3.5450	0.03000	3.5396	0.14551	0.05637	26	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0300	3.5500	0.13200	3.5396	0.14551	0.05637	26	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	3.5500	0.10000	3.5396	0.14551	0.05637	26	0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	3.5600	0.20000	3.5396	0.14551	0.05637	26	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0598	3.5975	0.05300	3.5396	0.14551	0.05637	26	0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	3.6015	0.00300	3.5396	0.14551	0.05637	26	0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	3.6400	0.02000	3.5396	0.14551	0.05637	26	0.69	1%	0
019.41	Calcium, ICP, Dry ash (%)	0229	3.6500	0.06000	3.5396	0.14551	0.05637	26	0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	3.6700	0.06000	3.5396	0.14551	0.05637	26	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	3.6800	0.02000	3.5396	0.14551	0.05637	26	0.96	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	3.8614	0.02890	3.5396	0.14551	0.05637	26	2.21	5%	0
019.41	Calcium, ICP, Dry ash (%)	0226	3.9450	0.09000	3.5396	0.14551	0.05637	26	2.79	6%	0
019.41	Calcium, ICP, Dry ash (%)	0619	3.9850	0.05000	3.5396	0.14551	0.05637	26	3.06	6%	0
019.42	Calcium, ICP, Open vessel (%)	0026	3.2200	0.16000	3.6040	0.21243	0.09864	22	-1.81	5%	0
019.42	Calcium, ICP, Open vessel (%)	0096	3.3061	0.09250	3.6040	0.21243	0.09864	22	-1.40	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	3.4166	0.12110	3.6040	0.21243	0.09864	22	-0.88	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	3.4250	0.01000	3.6040	0.21243	0.09864	22	-0.84	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	3.4600	0.02000	3.6040	0.21243	0.09864	22	-0.68	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	3.4600	0.30000	3.6040	0.21243	0.09864	22	-0.68	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	
019.42	Calcium, ICP, Open vessel (%)	0560	3.4717	0.10050	3.6040	0.21243	0.09864	22	-0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0205	3.4950	0.05000	3.6040	0.21243	0.09864	22	-0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	3.5050	0.01000	3.6040	0.21243	0.09864	22	-0.47	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	3.5700	0.08000	3.6040	0.21243	0.09864	22	-0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	3.5834	0.04400	3.6040	0.21243	0.09864	22	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0693	3.6000	0.20000	3.6040	0.21243	0.09864	22	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	3.6100	0.02000	3.6040	0.21243	0.09864	22	0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	3.6400	0.04000	3.6040	0.21243	0.09864	22	0.17	0%	0
019.42	Calcium, ICP, Open vessel (%)	0504	3.6710	0.04600	3.6040	0.21243	0.09864	22	0.32	1%	0
019.42	Calcium, ICP, Open vessel (%)	0613	3.6850	0.09000	3.6040	0.21243	0.09864	22	0.38	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	3.7600	0.06000	3.6040	0.21243	0.09864	22	0.73	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	3.8250	0.27000	3.6040	0.21243	0.09864	22	1.04	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	3.8350	0.37000	3.6040	0.21243	0.09864	22	1.09	3%	0
019.42	Calcium, ICP, Open vessel (%)	0009	3.8389	0.07100	3.6040	0.21243	0.09864	22	1.11	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	3.9850	0.01000	3.6040	0.21243	0.09864	22	1.79	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	4.0235	0.00500	3.6040	0.21243	0.09864	22	1.97	6%	0
019.43	Calcium, ICP, Microwave (%)	0017	2.8300	0.26000	3.6078	0.16890	21.038	27	-4.61	11%	0
019.43	Calcium, ICP, Microwave (%)	0043	3.1850	0.01000	3.6078	0.16890	21.038	27	-2.50	6%	0
019.43	Calcium, ICP, Microwave (%)	0021	3.3500	0.30000	3.6078	0.16890	21.038	27	-1.53	4%	0
019.43	Calcium, ICP, Microwave (%)	0510	3.4400	0.02000	3.6078	0.16890	21.038	27	-0.99	2%	0
019.43	Calcium, ICP, Microwave (%)	0512	3.4615	0.03900	3.6078	0.16890	21.038	27	-0.87	2%	0
019.43	Calcium, ICP, Microwave (%)	0035	3.4700	0.00000	3.6078	0.16890	21.038	27	-0.82	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	3.4725	0.09500	3.6078	0.16890	21.038	27	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	3.4804	0.03260	3.6078	0.16890	21.038	27	-0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	3.5300	0.04000	3.6078	0.16890	21.038	27	-0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	3.5650	0.11000	3.6078	0.16890	21.038	27	-0.25	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	3.5700	0.02000	3.6078	0.16890	21.038	27	-0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	3.6015	0.03700	3.6078	0.16890	21.038	27	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	3.6050	0.01000	3.6078	0.16890	21.038	27	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	3.6250	0.09000	3.6078	0.16890	21.038	27	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0028	3.6300	0.02000	3.6078	0.16890	21.038	27	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	3.6325	0.16390	3.6078	0.16890	21.038	27	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	3.6600	0.12000	3.6078	0.16890	21.038	27	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	3.6790	0.01600	3.6078	0.16890	21.038	27	0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	3.6900	0.00000	3.6078	0.16890	21.038	27	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	3.6950	0.09000	3.6078	0.16890	21.038	27	0.52	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	3.7300	0.04000	3.6078	0.16890	21.038	27	0.72	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	3.7629	0.29830	3.6078	0.16890	21.038	27	0.92	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	3.7655	0.11300	3.6078	0.16890	21.038	27	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	3.7750	0.01000	3.6078	0.16890	21.038	27	0.99	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	3.8200	0.00000	3.6078	0.16890	21.038	27	1.26	3%	0

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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			
019.43	Calcium, ICP, Microwave (%)	0353	3.8250	0.13000	3.6078	0.16890	21.038	27	1.29	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	32.071	565.96	3.6078	0.16890	21.038	27	189863.86	444421%	0
019.44	Calcium, ICP, Dry ash (%)	0039	3.4640	0.05000				2			0
019.44	Calcium, ICP, Dry ash (%)	2152	3.7000	0.02000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	3.4617	0.00980				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	3.4626	0.28530				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	3.4550	0.09000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	3.5200	0.14000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	3.6100	0.00000				3			0
019.99	Calcium, Miscellaneous (%)	0889	3.2440	0.00400	3.6185	0.29951	0.02100	4	-1.25	5%	0
019.99	Calcium, Miscellaneous (%)	0242	3.5450	0.01000	3.6185	0.29951	0.02100	4	-0.25	1%	0
019.99	Calcium, Miscellaneous (%)	0676	3.7350	0.05000	3.6185	0.29951	0.02100	4	0.39	2%	0
019.99	Calcium, Miscellaneous (%)	0100	3.9500	0.02000	3.6185	0.29951	0.02100	4	1.11	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	1.5500	0.10000	2.2088	1.0107	0.15750	4	-1.12	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.7500	0.10000	2.2088	1.0107	0.15750	4	0.31	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.8200	0.12000	2.2088	1.0107	0.15750	4	0.81	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0904	3.7150	0.31000	2.2088	1.0107	0.15750	4	14.33	59%	0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	1.9500	0.90000				1			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.7550	0.05000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.96900	0.03600				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.6000	0.00000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	1.1550	0.01000	1.3325	0.15924	0.10500	4	-1.11	7%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.2550	0.01000	1.3325	0.15924	0.10500	4	-0.49	3%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.4050	0.19000	1.3325	0.15924	0.10500	4	0.46	3%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.5150	0.21000	1.3325	0.15924	0.10500	4	1.15	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.0500	0.06000	1.7104	0.47845	0.16644	7	-1.38	19%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	1.2100	0.02000	1.7104	0.47845	0.16644	7	-1.05	15%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	1.7481	0.23510	1.7104	0.47845	0.16644	7	0.08	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.9000	0.20000	1.7104	0.47845	0.16644	7	0.40	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.9150	0.15000	1.7104	0.47845	0.16644	7	0.43	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.9400	0.08000	1.7104	0.47845	0.16644	7	0.48	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	2.2100	0.42000	1.7104	0.47845	0.16644	7	1.04	15%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0021	1.1000	2.2000	1.7104	0.47845	0.16644	7			4
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.0200	0.00000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.1419	0.06490				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	1.0713	0.07690	1.7534	0.44647	0.13078	5	-1.53	19%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	1.6105	0.18700	1.7534	0.44647	0.13078	5	-0.32	4%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	1.8000	0.08000	1.7534	0.44647	0.13078	5	0.10	1%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	2.0850	0.11000	1.7534	0.44647	0.13078	5	0.74	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0021	2.2000	0.20000	1.7534	0.44647	0.13078	5	1.00	13%	0
021.99	Cobalt, Miscellaneous (mg / kg (ppm))	0590	2.2200	0.02000				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	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	13.895	2.7700	18.950	2.4845	1.3069	14	-2.03	13%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	16.800	0.02000	18.950	2.4845	1.3069	14	-0.87	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	17.000	0.00000	18.950	2.4845	1.3069	14	-0.79	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	17.485	0.43000	18.950	2.4845	1.3069	14	-0.59	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	17.500	1.0000	18.950	2.4845	1.3069	14	-0.58	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	18.300	0.48000	18.950	2.4845	1.3069	14	-0.26	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	18.301	0.53600	18.950	2.4845	1.3069	14	-0.26	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	18.580	0.76000	18.950	2.4845	1.3069	14	-0.15	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0878	18.900	0.20000	18.950	2.4845	1.3069	14	-0.02	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	20.000	1.5000	18.950	2.4845	1.3069	14	0.42	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	21.190	0.80000	18.950	2.4845	1.3069	14	0.90	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2062	21.650	7.5000	18.950	2.4845	1.3069	14	1.09	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	21.700	0.00000	18.950	2.4845	1.3069	14	1.11	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	23.850	2.3000	18.950	2.4845	1.3069	14	1.97	13%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	21.000	0.00000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	21.105	5.7700				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	19.255	0.37000				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	1.8490	0.38200	18.004	1.3606	1.2850	19	-11.87	45%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	15.740	0.02000	18.004	1.3606	1.2850	19	-1.66	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	16.100	0.80000	18.004	1.3606	1.2850	19	-1.40	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	16.650	0.10000	18.004	1.3606	1.2850	19	-0.99	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	16.920	1.4400	18.004	1.3606	1.2850	19	-0.80	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	17.400	1.4000	18.004	1.3606	1.2850	19	-0.44	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	18.000	3.0000	18.004	1.3606	1.2850	19	0.00	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	18.030	1.7600	18.004	1.3606	1.2850	19	0.02	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	18.125	0.29000	18.004	1.3606	1.2850	19	0.09	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	18.198	0.24340	18.004	1.3606	1.2850	19	0.14	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	18.475	2.0500	18.004	1.3606	1.2850	19	0.35	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	18.500	1.0000	18.004	1.3606	1.2850	19	0.36	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	18.500	1.0000	18.004	1.3606	1.2850	19	0.36	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	18.535	3.5300	18.004	1.3606	1.2850	19	0.39	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	18.900	1.0000	18.004	1.3606	1.2850	19	0.66	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	19.000	4.0000	18.004	1.3606	1.2850	19	0.73	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	19.400	1.4400	18.004	1.3606	1.2850	19	1.03	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	19.675	0.67000	18.004	1.3606	1.2850	19	1.23	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	19.735	0.29000	18.004	1.3606	1.2850	19	1.27	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	0.40000	0.40000	17.338	1.6733	0.69774	20	-10.12	49%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	15.000	0.00000	17.338	1.6733	0.69774	20	-1.40	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	15.570	0.22000	17.338	1.6733	0.69774	20	-1.06	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	15.950	0.90000	17.338	1.6733	0.69774	20	-0.83	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	16.050	0.70000	17.338	1.6733	0.69774	20	-0.77	4%	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	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	16.065	1.3230	17.338	1.6733	0.69774	20	-0.76	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	16.260	0.08000	17.338	1.6733	0.69774	20	-0.64	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0096	16.972	1.4558	17.338	1.6733	0.69774	20	-0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	17.245	0.49000	17.338	1.6733	0.69774	20	-0.06	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	17.610	2.2800	17.338	1.6733	0.69774	20	0.16	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	17.685	0.07000	17.338	1.6733	0.69774	20	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	17.750	0.10000	17.338	1.6733	0.69774	20	0.25	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	17.800	0.20000	17.338	1.6733	0.69774	20	0.28	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	17.834	1.0660	17.338	1.6733	0.69774	20	0.30	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	18.050	0.50000	17.338	1.6733	0.69774	20	0.43	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	18.700	1.0000	17.338	1.6733	0.69774	20	0.81	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	18.900	2.6000	17.338	1.6733	0.69774	20	0.93	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	19.000	0.00000	17.338	1.6733	0.69774	20	0.99	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	19.635	0.27000	17.338	1.6733	0.69774	20	1.37	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	20.650	0.30000	17.338	1.6733	0.69774	20	1.98	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	7.7400	3.3800	16.843	1.6114	0.75729	20	-5.65	27%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	8.5000	1.0000	16.843	1.6114	0.75729	20	-5.18	25%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	12.695	0.01000	16.843	1.6114	0.75729	20	-2.57	12%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	15.190	0.36000	16.843	1.6114	0.75729	20	-1.03	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	15.500	1.0000	16.843	1.6114	0.75729	20	-0.83	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	16.200	0.00000	16.843	1.6114	0.75729	20	-0.40	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	16.350	0.30000	16.843	1.6114	0.75729	20	-0.31	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	16.970	0.48000	16.843	1.6114	0.75729	20	0.08	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	17.050	0.90000	16.843	1.6114	0.75729	20	0.13	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	17.200	0.20000	16.843	1.6114	0.75729	20	0.22	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	17.300	0.00000	16.843	1.6114	0.75729	20	0.28	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	17.325	0.47000	16.843	1.6114	0.75729	20	0.30	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	17.400	0.20000	16.843	1.6114	0.75729	20	0.35	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	17.500	1.0000	16.843	1.6114	0.75729	20	0.41	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	17.500	1.0000	16.843	1.6114	0.75729	20	0.41	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	17.980	1.9400	16.843	1.6114	0.75729	20	0.71	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	18.000	0.00000	16.843	1.6114	0.75729	20	0.72	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	18.000	0.00000	16.843	1.6114	0.75729	20	0.72	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	18.850	0.30000	16.843	1.6114	0.75729	20	1.25	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	19.777	2.6058	16.843	1.6114	0.75729	20	1.82	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	16.843	1.6114	0.75729	20			4
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0039	19.464	6.3650				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0096	17.843	0.48580				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	15.870	0.16000	17.655	1.2032	1.4650	4	-1.48	5%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	18.100	2.2000	17.655	1.2032	1.4650	4	0.37	1%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	18.150	0.50000	17.655	1.2032	1.4650	4	0.41	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	
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0021	18.500	3.0000	17.655	1.2032	1.4650	4	0.70	2%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	16.900	1.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	17.000	2.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	19.500	3.0000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	8.1500	0.30000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	286.00	0.00000	337.89	23.149	13.885	17	-2.24	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	299.35	9.7000	337.89	23.149	13.885	17	-1.67	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0878	318.00	0.00000	337.89	23.149	13.885	17	-0.86	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	318.50	17.000	337.89	23.149	13.885	17	-0.84	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	329.68	20.280	337.89	23.149	13.885	17	-0.35	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	330.76	0.56000	337.89	23.149	13.885	17	-0.31	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	335.00	14.000	337.89	23.149	13.885	17	-0.13	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	337.92	5.9300	337.89	23.149	13.885	17	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	338.00	42.000	337.89	23.149	13.885	17	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	339.50	3.0000	337.89	23.149	13.885	17	0.07	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	340.00	10.000	337.89	23.149	13.885	17	0.09	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2062	344.90	2.0000	337.89	23.149	13.885	17	0.30	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	347.56	13.080	337.89	23.149	13.885	17	0.42	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	348.32	70.630	337.89	23.149	13.885	17	0.45	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	364.49	11.860	337.89	23.149	13.885	17	1.15	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	380.00	10.000	337.89	23.149	13.885	17	1.82	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	445.60	6.0000	337.89	23.149	13.885	17	4.65	16%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	344.50	9.8000				1			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	306.87	4.3340				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	318.30	11.400				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	21.565	0.05000	322.92	36.577	15.435	20	-8.24	47%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	255.85	5.5500	322.92	36.577	15.435	20	-1.83	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	270.50	7.0000	322.92	36.577	15.435	20	-1.43	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	277.05	6.9000	322.92	36.577	15.435	20	-1.25	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0039	300.12	16.104	322.92	36.577	15.435	20	-0.62	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	316.43	8.0272	322.92	36.577	15.435	20	-0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	318.00	56.200	322.92	36.577	15.435	20	-0.13	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	325.00	20.000	322.92	36.577	15.435	20	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	325.50	13.000	322.92	36.577	15.435	20	0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	326.00	16.000	322.92	36.577	15.435	20	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	328.50	15.000	322.92	36.577	15.435	20	0.15	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	328.85	1.5000	322.92	36.577	15.435	20	0.16	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	333.95	9.9000	322.92	36.577	15.435	20	0.30	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	334.50	3.0000	322.92	36.577	15.435	20	0.32	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	338.45	27.340	322.92	36.577	15.435	20	0.42	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	339.60	36.200	322.92	36.577	15.435	20	0.46	3%	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	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	355.42	15.830	322.92	36.577	15.435	20	0.89	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	355.50	21.000	322.92	36.577	15.435	20	0.89	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	372.18	11.100	322.92	36.577	15.435	20	1.35	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	376.80	19.000	322.92	36.577	15.435	20	1.47	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	82.790	2.4200	280.76	46.964	21.274	17	-4.22	35%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	211.00	5.6000	280.76	46.964	21.274	17	-1.49	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	234.50	3.0000	280.76	46.964	21.274	17	-0.98	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	238.55	2.1000	280.76	46.964	21.274	17	-0.90	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	246.30	9.2000	280.76	46.964	21.274	17	-0.73	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0096	268.38	73.523	280.76	46.964	21.274	17	-0.26	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	270.50	19.000	280.76	46.964	21.274	17	-0.22	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	280.01	12.820	280.76	46.964	21.274	17	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	290.00	10.000	280.76	46.964	21.274	17	0.20	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	294.50	7.0000	280.76	46.964	21.274	17	0.29	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	294.85	29.700	280.76	46.964	21.274	17	0.30	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	295.00	18.000	280.76	46.964	21.274	17	0.30	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	313.00	8.0000	280.76	46.964	21.274	17	0.69	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	321.75	49.700	280.76	46.964	21.274	17	0.87	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	327.20	11.600	280.76	46.964	21.274	17	0.99	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	335.00	14.000	280.76	46.964	21.274	17	1.16	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	342.00	86.000	280.76	46.964	21.274	17	1.30	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	241.50	3.0000	304.44	39.576	19.180	20	-1.59	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	245.39	33.700	304.44	39.576	19.180	20	-1.49	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	264.00	8.0000	304.44	39.576	19.180	20	-1.02	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	269.50	9.0000	304.44	39.576	19.180	20	-0.88	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	277.90	46.910	304.44	39.576	19.180	20	-0.67	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	278.00	6.0000	304.44	39.576	19.180	20	-0.67	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	284.00	4.0000	304.44	39.576	19.180	20	-0.52	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	285.50	5.0000	304.44	39.576	19.180	20	-0.48	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	300.00	6.0000	304.44	39.576	19.180	20	-0.11	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	304.90	8.2700	304.44	39.576	19.180	20	0.01	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	308.00	0.00000	304.44	39.576	19.180	20	0.09	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	316.00	8.0000	304.44	39.576	19.180	20	0.29	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	324.25	14.300	304.44	39.576	19.180	20	0.50	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	327.09	54.958	304.44	39.576	19.180	20	0.57	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	330.00	0.00000	304.44	39.576	19.180	20	0.65	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	330.15	7.5000	304.44	39.576	19.180	20	0.65	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	333.00	0.00000	304.44	39.576	19.180	20	0.72	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0021	350.00	20.000	304.44	39.576	19.180	20	1.15	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	352.32	68.960	304.44	39.576	19.180	20	1.21	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	389.00	80.000	304.44	39.576	19.180	20	2.14	14%	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			
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	252.91	16.890				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0096	356.20	18.446				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	257.95	6.3000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	358.50	7.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	304.50	29.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	307.00	8.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	313.00	40.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.26765	0.00610	0.30452	0.01982	0.00814	20	-1.86	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.27330	0.03100	0.30452	0.01982	0.00814	20	-1.58	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.27650	0.00500	0.30452	0.01982	0.00814	20	-1.41	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.29000	0.00000	0.30452	0.01982	0.00814	20	-0.73	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.29500	0.01000	0.30452	0.01982	0.00814	20	-0.48	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.29600	0.00000	0.30452	0.01982	0.00814	20	-0.43	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.29820	0.00080	0.30452	0.01982	0.00814	20	-0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.30200	0.00000	0.30452	0.01982	0.00814	20	-0.13	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.30500	0.01000	0.30452	0.01982	0.00814	20	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.30500	0.01000	0.30452	0.01982	0.00814	20	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.30500	0.01000	0.30452	0.01982	0.00814	20	0.02	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.30550	0.00500	0.30452	0.01982	0.00814	20	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.30910	0.00080	0.30452	0.01982	0.00814	20	0.23	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.31000	0.01200	0.30452	0.01982	0.00814	20	0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.31000	0.00000	0.30452	0.01982	0.00814	20	0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.31500	0.05000	0.30452	0.01982	0.00814	20	0.53	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.32000	0.00000	0.30452	0.01982	0.00814	20	0.78	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0878	0.33000	0.00000	0.30452	0.01982	0.00814	20	1.29	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.33500	0.00200	0.30452	0.01982	0.00814	20	1.54	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.34500	0.01000	0.30452	0.01982	0.00814	20	2.04	7%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.29450	0.00300				3			0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.29460	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.30800	0.00800				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.29650	0.00700				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.32500	0.01000				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.32500	0.01000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.03990	0.00220	0.31160	0.01465	0.00597	21	-18.55	44%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.29150	0.00500	0.31160	0.01465	0.00597	21	-1.37	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.29900	0.00200	0.31160	0.01465	0.00597	21	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.30000	0.02000	0.31160	0.01465	0.00597	21	-0.79	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.30000	0.00000	0.31160	0.01465	0.00597	21	-0.79	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.30250	0.00300	0.31160	0.01465	0.00597	21	-0.62	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.30500	0.01000	0.31160	0.01465	0.00597	21	-0.45	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.30500	0.01000	0.31160	0.01465	0.00597	21	-0.45	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	
027.41	Magnesium, ICP, Dry ash (%)	0413	0.30500	0.01000	0.31160	0.01465	0.00597	21	-0.45	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.30860	0.00200	0.31160	0.01465	0.00597	21	-0.20	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.31100	0.00600	0.31160	0.01465	0.00597	21	-0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.31380	0.00100	0.31160	0.01465	0.00597	21	0.15	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.31500	0.01000	0.31160	0.01465	0.00597	21	0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.31500	0.01000	0.31160	0.01465	0.00597	21	0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.31500	0.01000	0.31160	0.01465	0.00597	21	0.23	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.32000	0.00000	0.31160	0.01465	0.00597	21	0.57	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.32200	0.00200	0.31160	0.01465	0.00597	21	0.71	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.32855	0.00510	0.31160	0.01465	0.00597	21	1.16	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.33100	0.00200	0.31160	0.01465	0.00597	21	1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.33250	0.01500	0.31160	0.01465	0.00597	21	1.43	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.35000	0.00000	0.31160	0.01465	0.00597	21	2.62	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.19445	0.00370	0.31134	0.01836	0.00848	20	-6.37	19%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.27295	0.00770	0.31134	0.01836	0.00848	20	-2.09	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.28350	0.00100	0.31134	0.01836	0.00848	20	-1.52	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.29500	0.01000	0.31134	0.01836	0.00848	20	-0.89	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.30155	0.01090	0.31134	0.01836	0.00848	20	-0.53	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.30175	0.00830	0.31134	0.01836	0.00848	20	-0.52	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.30395	0.00370	0.31134	0.01836	0.00848	20	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.30500	0.01000	0.31134	0.01836	0.00848	20	-0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.31000	0.00000	0.31134	0.01836	0.00848	20	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.31000	0.00000	0.31134	0.01836	0.00848	20	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.31500	0.01000	0.31134	0.01836	0.00848	20	0.20	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.31900	0.00000	0.31134	0.01836	0.00848	20	0.42	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.32100	0.00000	0.31134	0.01836	0.00848	20	0.53	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.32220	0.00300	0.31134	0.01836	0.00848	20	0.59	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.32375	0.00030	0.31134	0.01836	0.00848	20	0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.32500	0.01000	0.31134	0.01836	0.00848	20	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.32500	0.01000	0.31134	0.01836	0.00848	20	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.33000	0.04000	0.31134	0.01836	0.00848	20	1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.33215	0.03090	0.31134	0.01836	0.00848	20	1.13	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.33500	0.01000	0.31134	0.01836	0.00848	20	1.29	4%	0
027.43	Magnesium, ICP, Microwave (%)	0021	0.28500	0.03000	0.31635	0.02187	0.39294	25	-1.43	5%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.28500	0.01000	0.31635	0.02187	0.39294	25	-1.43	5%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.28650	0.00900	0.31635	0.02187	0.39294	25	-1.36	5%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.29450	0.00700	0.31635	0.02187	0.39294	25	-1.00	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.30000	0.00000	0.31635	0.02187	0.39294	25	-0.75	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.30500	0.01000	0.31635	0.02187	0.39294	25	-0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.30500	0.01000	0.31635	0.02187	0.39294	25	-0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.30800	0.00200	0.31635	0.02187	0.39294	25	-0.38	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	
027.43	Magnesium, ICP, Microwave (%)	0028	0.31000	0.00000	0.31635	0.02187	0.39294	25	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.31000	0.00000	0.31635	0.02187	0.39294	25	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.31000	0.00000	0.31635	0.02187	0.39294	25	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.31000	0.00000	0.31635	0.02187	0.39294	25	-0.29	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.31250	0.01100	0.31635	0.02187	0.39294	25	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.31500	0.01000	0.31635	0.02187	0.39294	25	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.32000	0.00000	0.31635	0.02187	0.39294	25	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.32000	0.00000	0.31635	0.02187	0.39294	25	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.32000	0.00000	0.31635	0.02187	0.39294	25	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.32300	0.00200	0.31635	0.02187	0.39294	25	0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.33150	0.00500	0.31635	0.02187	0.39294	25	0.69	2%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.33445	0.01690	0.31635	0.02187	0.39294	25	0.83	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.33500	0.01000	0.31635	0.02187	0.39294	25	0.85	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.34090	0.00860	0.31635	0.02187	0.39294	25	1.12	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.38500	0.00200	0.31635	0.02187	0.39294	25	3.14	11%	0
027.43	Magnesium, ICP, Microwave (%)	0017	149.22	3.3100	0.31635	0.02187	0.39294	25	6807.68	23534%	0
027.43	Magnesium, ICP, Microwave (%)	0202	2,649.9	6.3700	0.31635	0.02187	0.39294	25	121138.85	418767%	0
027.44	Magnesium, ICP, Dry ash (%)	0039	0.29400	0.01400				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.29245	0.01630				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.31415	0.00930				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.32650	0.00900				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.32650	0.01700				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.30000	0.00000	0.32000	0.03028	0.00500	4	-1.00	1%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.30500	0.01000	0.32000	0.03028	0.00500	4	0.00	0%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.31000	0.00000	0.32000	0.03028	0.00500	4	1.00	1%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.36500	0.01000	0.32000	0.03028	0.00500	4	12.00	10%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2062	16.550	0.30000	164.74	11.162	4.0205	17	-13.28	45%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	144.00	0.00000	164.74	11.162	4.0205	17	-1.86	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	144.05	9.9000	164.74	11.162	4.0205	17	-1.85	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	157.00	6.0000	164.74	11.162	4.0205	17	-0.69	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	161.47	0.47820	164.74	11.162	4.0205	17	-0.29	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	164.00	0.00000	164.74	11.162	4.0205	17	-0.07	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	164.13	4.7500	164.74	11.162	4.0205	17	-0.06	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	165.20	1.8200	164.74	11.162	4.0205	17	0.04	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	165.33	7.1300	164.74	11.162	4.0205	17	0.05	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	165.70	9.8000	164.74	11.162	4.0205	17	0.09	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	166.97	3.3700	164.74	11.162	4.0205	17	0.20	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0878	170.50	1.0000	164.74	11.162	4.0205	17	0.52	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	171.14	0.08000	164.74	11.162	4.0205	17	0.57	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	173.02	3.0100	164.74	11.162	4.0205	17	0.74	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	175.00	14.000	164.74	11.162	4.0205	17	0.92	3%	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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	178.16	4.7100	164.74	11.162	4.0205	17	1.20	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	179.00	2.0000	164.74	11.162	4.0205	17	1.28	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	165.50	7.0000				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	185.10	2.0000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	149.93	0.52100				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0035	170.00	2.0000				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	180.25	0.10000				3			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	11.170	0.50000	156.66	10.651	5.7215	19	-13.66	46%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	123.50	1.0000	156.66	10.651	5.7215	19	-3.11	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	139.50	1.6000	156.66	10.651	5.7215	19	-1.61	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	145.00	18.000	156.66	10.651	5.7215	19	-1.10	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	154.21	5.3200	156.66	10.651	5.7215	19	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	155.55	7.7000	156.66	10.651	5.7215	19	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	156.00	2.0000	156.66	10.651	5.7215	19	-0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	156.50	1.0000	156.66	10.651	5.7215	19	-0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	156.84	9.4800	156.66	10.651	5.7215	19	0.02	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	157.00	4.0000	156.66	10.651	5.7215	19	0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	157.50	3.0000	156.66	10.651	5.7215	19	0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	157.70	1.8000	156.66	10.651	5.7215	19	0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	158.32	13.100	156.66	10.651	5.7215	19	0.16	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	160.95	3.5000	156.66	10.651	5.7215	19	0.40	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	165.00	14.000	156.66	10.651	5.7215	19	0.78	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	166.00	0.00000	156.66	10.651	5.7215	19	0.88	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	166.45	10.700	156.66	10.651	5.7215	19	0.92	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	169.14	9.2100	156.66	10.651	5.7215	19	1.17	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	172.39	2.7988	156.66	10.651	5.7215	19	1.48	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	78.500	3.0000	161.94	16.537	7.7305	20	-5.05	26%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	136.00	0.00000	161.94	16.537	7.7305	20	-1.57	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	138.81	2.6270	161.94	16.537	7.7305	20	-1.40	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	148.70	8.4000	161.94	16.537	7.7305	20	-0.80	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0096	150.89	14.054	161.94	16.537	7.7305	20	-0.67	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	153.50	15.000	161.94	16.537	7.7305	20	-0.51	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	156.50	3.0000	161.94	16.537	7.7305	20	-0.33	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	158.00	2.0000	161.94	16.537	7.7305	20	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	161.00	1.0000	161.94	16.537	7.7305	20	-0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	163.00	18.000	161.94	16.537	7.7305	20	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	166.25	1.5000	161.94	16.537	7.7305	20	0.26	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	166.50	1.0000	161.94	16.537	7.7305	20	0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	166.65	15.100	161.94	16.537	7.7305	20	0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	168.00	16.000	161.94	16.537	7.7305	20	0.37	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	170.60	0.12900	161.94	16.537	7.7305	20	0.52	3%	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	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	173.00	3.0000	161.94	16.537	7.7305	20	0.67	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	173.65	0.30000	161.94	16.537	7.7305	20	0.71	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	176.00	20.000	161.94	16.537	7.7305	20	0.85	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	188.45	2.5000	161.94	16.537	7.7305	20	1.60	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	231.70	28.000	161.94	16.537	7.7305	20	4.22	22%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	144.71	4.7600	163.57	9.7348	5.2482	24	-1.94	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	149.50	9.0000	163.57	9.7348	5.2482	24	-1.45	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	152.50	9.0000	163.57	9.7348	5.2482	24	-1.14	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	156.00	2.0000	163.57	9.7348	5.2482	24	-0.78	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	157.00	4.0000	163.57	9.7348	5.2482	24	-0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	157.00	2.0000	163.57	9.7348	5.2482	24	-0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	158.00	2.0000	163.57	9.7348	5.2482	24	-0.57	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	158.50	5.0000	163.57	9.7348	5.2482	24	-0.52	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0021	160.00	20.000	163.57	9.7348	5.2482	24	-0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	160.00	10.000	163.57	9.7348	5.2482	24	-0.37	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	160.61	1.9000	163.57	9.7348	5.2482	24	-0.30	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	161.34	8.4100	163.57	9.7348	5.2482	24	-0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	162.50	3.0000	163.57	9.7348	5.2482	24	-0.11	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	162.80	3.6100	163.57	9.7348	5.2482	24	-0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	163.95	4.9000	163.57	9.7348	5.2482	24	0.04	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	167.00	0.00000	163.57	9.7348	5.2482	24	0.35	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	168.76	0.00000	163.57	9.7348	5.2482	24	0.53	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	171.14	2.9330	163.57	9.7348	5.2482	24	0.78	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	172.00	0.00000	163.57	9.7348	5.2482	24	0.87	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	173.00	2.0000	163.57	9.7348	5.2482	24	0.97	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	173.60	3.0000	163.57	9.7348	5.2482	24	1.03	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	175.25	5.1040	163.57	9.7348	5.2482	24	1.20	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	178.63	5.3400	163.57	9.7348	5.2482	24	1.55	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	186.00	18.000	163.57	9.7348	5.2482	24	2.30	7%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0039	158.00	1.6630				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2152	159.21	1.1600				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0096	166.93	13.689				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	163.00	6.0000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	163.40	5.8000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	164.50	3.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	166.50	1.0000	171.25	5.4848	4.5000	4	-0.87	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	166.50	3.0000	171.25	5.4848	4.5000	4	-0.87	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	176.00	8.0000	171.25	5.4848	4.5000	4	0.87	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	176.00	6.0000	171.25	5.4848	4.5000	4	0.87	1%	0
031.00	Phosphorus, Vol (%)	0893	0.62500	0.01000				2			0
031.00	Phosphorus, Vol (%)	0895	0.62500	0.01000				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	
031.01	Phosphorus, Photometric (%)	0108	0.48500	0.01000	0.59939	0.02399	0.01387	40	-4.77	10%	0
031.01	Phosphorus, Photometric (%)	0018	0.52400	0.07600	0.59939	0.02399	0.01387	40	-3.14	6%	0
031.01	Phosphorus, Photometric (%)	0940	0.55000	0.00000	0.59939	0.02399	0.01387	40	-2.06	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.55405	0.00290	0.59939	0.02399	0.01387	40	-1.89	4%	0
031.01	Phosphorus, Photometric (%)	0689	0.55500	0.01000	0.59939	0.02399	0.01387	40	-1.85	4%	0
031.01	Phosphorus, Photometric (%)	0620	0.57560	0.00280	0.59939	0.02399	0.01387	40	-0.99	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.57650	0.00300	0.59939	0.02399	0.01387	40	-0.95	2%	0
031.01	Phosphorus, Photometric (%)	2009	0.57755	0.00270	0.59939	0.02399	0.01387	40	-0.91	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.57860	0.00880	0.59939	0.02399	0.01387	40	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.58000	0.00000	0.59939	0.02399	0.01387	40	-0.81	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.58250	0.00500	0.59939	0.02399	0.01387	40	-0.70	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.58500	0.03000	0.59939	0.02399	0.01387	40	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.59000	0.00000	0.59939	0.02399	0.01387	40	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.59300	0.00000	0.59939	0.02399	0.01387	40	-0.27	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.59500	0.01000	0.59939	0.02399	0.01387	40	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.59750	0.01500	0.59939	0.02399	0.01387	40	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0152	0.60000	0.02000	0.59939	0.02399	0.01387	40	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.60000	0.00000	0.59939	0.02399	0.01387	40	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0674	0.60000	0.00000	0.59939	0.02399	0.01387	40	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.60000	0.00000	0.59939	0.02399	0.01387	40	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.60000	0.03600	0.59939	0.02399	0.01387	40	0.03	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.60050	0.03100	0.59939	0.02399	0.01387	40	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.60205	0.00350	0.59939	0.02399	0.01387	40	0.11	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.60500	0.01000	0.59939	0.02399	0.01387	40	0.23	0%	0
031.01	Phosphorus, Photometric (%)	0878	0.60750	0.00100	0.59939	0.02399	0.01387	40	0.34	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.60850	0.00700	0.59939	0.02399	0.01387	40	0.38	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.61000	0.02000	0.59939	0.02399	0.01387	40	0.44	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.61485	0.00770	0.59939	0.02399	0.01387	40	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.61500	0.03200	0.59939	0.02399	0.01387	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.61500	0.01000	0.59939	0.02399	0.01387	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.61500	0.03000	0.59939	0.02399	0.01387	40	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.61870	0.00120	0.59939	0.02399	0.01387	40	0.80	2%	0
031.01	Phosphorus, Photometric (%)	0646	0.62000	0.00000	0.59939	0.02399	0.01387	40	0.86	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.62000	0.02000	0.59939	0.02399	0.01387	40	0.86	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.62500	0.09000	0.59939	0.02399	0.01387	40	1.07	2%	0
031.01	Phosphorus, Photometric (%)	0884	0.62500	0.01000	0.59939	0.02399	0.01387	40	1.07	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.62500	0.01000	0.59939	0.02399	0.01387	40	1.07	2%	0
031.01	Phosphorus, Photometric (%)	0904	0.63000	0.02000	0.59939	0.02399	0.01387	40	1.28	3%	0
031.01	Phosphorus, Photometric (%)	0552	0.63500	0.01000	0.59939	0.02399	0.01387	40	1.48	3%	0
031.01	Phosphorus, Photometric (%)	2128	0.79550	0.00900	0.59939	0.02399	0.01387	40	8.17	16%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0013	0.60000	0.00000	0.61125	0.01109	0.00750	4	-1.01	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	
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.60500	0.01000	0.61125	0.01109	0.00750	4	-0.56	1%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.61500	0.01000	0.61125	0.01109	0.00750	4	0.34	0%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.62500	0.01000	0.61125	0.01109	0.00750	4	1.24	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.58500	0.01000	0.60050	0.01202	0.01530	4	-1.29	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.59850	0.01100	0.60050	0.01202	0.01530	4	-0.17	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.60500	0.01000	0.60050	0.01202	0.01530	4	0.37	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.61350	0.03020	0.60050	0.01202	0.01530	4	1.08	1%	0
031.06	Phosphorus, Hach Method (%)	0536	0.47000	0.04000				2			0
031.06	Phosphorus, Hach Method (%)	0138	0.61700	0.00800				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.05995	0.00090	0.60930	0.02964	0.01317	25	-18.54	45%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.57000	0.00000	0.60930	0.02964	0.01317	25	-1.33	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.57000	0.02000	0.60930	0.02964	0.01317	25	-1.33	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.58000	0.04000	0.60930	0.02964	0.01317	25	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.58200	0.00400	0.60930	0.02964	0.01317	25	-0.92	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.59000	0.00000	0.60930	0.02964	0.01317	25	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.59000	0.02000	0.60930	0.02964	0.01317	25	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.59835	0.01050	0.60930	0.02964	0.01317	25	-0.37	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.60000	0.00000	0.60930	0.02964	0.01317	25	-0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.60450	0.00300	0.60930	0.02964	0.01317	25	-0.16	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.60500	0.01000	0.60930	0.02964	0.01317	25	-0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.61000	0.00000	0.60930	0.02964	0.01317	25	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.61000	0.00000	0.60930	0.02964	0.01317	25	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.61000	0.00000	0.60930	0.02964	0.01317	25	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.61000	0.02000	0.60930	0.02964	0.01317	25	0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.61300	0.00000	0.60930	0.02964	0.01317	25	0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.61500	0.01000	0.60930	0.02964	0.01317	25	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.61500	0.03000	0.60930	0.02964	0.01317	25	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.61950	0.00900	0.60930	0.02964	0.01317	25	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.63150	0.06900	0.60930	0.02964	0.01317	25	0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.63500	0.01000	0.60930	0.02964	0.01317	25	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.64755	0.00750	0.60930	0.02964	0.01317	25	1.29	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.66500	0.01000	0.60930	0.02964	0.01317	25	1.88	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.66880	0.02740	0.60930	0.02964	0.01317	25	2.01	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.67300	0.02800	0.60930	0.02964	0.01317	25	2.15	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.44500	0.03000	0.60636	0.04180	0.01844	23	-3.86	13%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.51100	0.00200	0.60636	0.04180	0.01844	23	-2.28	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.55000	0.00000	0.60636	0.04180	0.01844	23	-1.35	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.55830	0.00060	0.60636	0.04180	0.01844	23	-1.15	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.56150	0.02500	0.60636	0.04180	0.01844	23	-1.07	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.57935	0.01710	0.60636	0.04180	0.01844	23	-0.65	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.58500	0.01000	0.60636	0.04180	0.01844	23	-0.51	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	
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.60000	0.02000	0.60636	0.04180	0.01844	23	-0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	0.60330	0.01340	0.60636	0.04180	0.01844	23	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.60400	0.04200	0.60636	0.04180	0.01844	23	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.60735	0.02450	0.60636	0.04180	0.01844	23	0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.60915	0.02150	0.60636	0.04180	0.01844	23	0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.61160	0.01000	0.60636	0.04180	0.01844	23	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.61600	0.00000	0.60636	0.04180	0.01844	23	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.62045	0.00090	0.60636	0.04180	0.01844	23	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.62500	0.01000	0.60636	0.04180	0.01844	23	0.45	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.62550	0.03100	0.60636	0.04180	0.01844	23	0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.63640	0.00020	0.60636	0.04180	0.01844	23	0.72	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.64000	0.02000	0.60636	0.04180	0.01844	23	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.65000	0.04000	0.60636	0.04180	0.01844	23	1.04	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.65100	0.01600	0.60636	0.04180	0.01844	23	1.07	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.66000	0.02000	0.60636	0.04180	0.01844	23	1.28	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.66500	0.07000	0.60636	0.04180	0.01844	23	1.40	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.49500	0.03000	0.61127	0.03456	2.7734	27	-3.36	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.53000	0.00000	0.61127	0.03456	2.7734	27	-2.35	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0021	0.57500	0.07000	0.61127	0.03456	2.7734	27	-1.05	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.57500	0.01000	0.61127	0.03456	2.7734	27	-1.05	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.58000	0.02000	0.61127	0.03456	2.7734	27	-0.90	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.58200	0.00400	0.61127	0.03456	2.7734	27	-0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.58500	0.01000	0.61127	0.03456	2.7734	27	-0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.59000	0.02000	0.61127	0.03456	2.7734	27	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.59000	0.00000	0.61127	0.03456	2.7734	27	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.60000	0.00000	0.61127	0.03456	2.7734	27	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.60000	0.02000	0.61127	0.03456	2.7734	27	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.60400	0.01040	0.61127	0.03456	2.7734	27	-0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.60500	0.00000	0.61127	0.03456	2.7734	27	-0.18	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.61350	0.01300	0.61127	0.03456	2.7734	27	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.61500	0.01000	0.61127	0.03456	2.7734	27	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.61500	0.01000	0.61127	0.03456	2.7734	27	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.62050	0.00700	0.61127	0.03456	2.7734	27	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.62500	0.01000	0.61127	0.03456	2.7734	27	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.62700	0.01200	0.61127	0.03456	2.7734	27	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.63200	0.02000	0.61127	0.03456	2.7734	27	0.60	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.63500	0.01000	0.61127	0.03456	2.7734	27	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.63825	0.00730	0.61127	0.03456	2.7734	27	0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.64500	0.01000	0.61127	0.03456	2.7734	27	0.98	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.65160	0.03260	0.61127	0.03456	2.7734	27	1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.65545	0.01890	0.61127	0.03456	2.7734	27	1.28	4%	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			
031.43	Phosphorus, ICP, Microwave (%)	0098	0.66700	0.00640	0.61127	0.03456	2.7734	27	1.61	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	5,274.3	74.520	0.61127	0.03456	2.7734	27	152599.68	431368%	0
031.44	Phosphorus, ICP, Dry ash (%)	2152	0.58000	0.00000				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0039	0.59100	0.02200				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.57125	0.04810				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.59750	0.06300				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.62500	0.01000				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.63550	0.05100				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.56500	0.03000	0.61040	0.03512	0.00960	5	-2.02	5%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.59000	0.00000	0.61040	0.03512	0.00960	5	-1.13	3%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.61000	0.00000	0.61040	0.03512	0.00960	5	-0.42	1%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.63200	0.00800	0.61040	0.03512	0.00960	5	0.37	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.65500	0.01000	0.61040	0.03512	0.00960	5	1.19	3%	0
032.02	Potassium, Flame Emission (%)	0504	0.66500	0.01000				1			0
032.31	Potassium, AAS, Dry ash (%)	2022	0.59000	0.00800	0.66464	0.04028	0.01232	20	-1.85	6%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.60000	0.00000	0.66464	0.04028	0.01232	20	-1.60	5%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.63900	0.00200	0.66464	0.04028	0.01232	20	-0.64	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.64000	0.00000	0.66464	0.04028	0.01232	20	-0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.64055	0.00070	0.66464	0.04028	0.01232	20	-0.60	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.64500	0.01000	0.66464	0.04028	0.01232	20	-0.49	1%	0
032.31	Potassium, AAS, Dry ash (%)	0904	0.64500	0.01000	0.66464	0.04028	0.01232	20	-0.49	1%	0
032.31	Potassium, AAS, Dry ash (%)	0878	0.65100	0.00200	0.66464	0.04028	0.01232	20	-0.34	1%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.65250	0.00500	0.66464	0.04028	0.01232	20	-0.30	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.65500	0.09000	0.66464	0.04028	0.01232	20	-0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.65500	0.03000	0.66464	0.04028	0.01232	20	-0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.65900	0.00800	0.66464	0.04028	0.01232	20	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.66500	0.01000	0.66464	0.04028	0.01232	20	0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0689	0.68000	0.02000	0.66464	0.04028	0.01232	20	0.38	1%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.68500	0.01000	0.66464	0.04028	0.01232	20	0.51	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.70000	0.00000	0.66464	0.04028	0.01232	20	0.88	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.70850	0.00100	0.66464	0.04028	0.01232	20	1.09	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.71500	0.01000	0.66464	0.04028	0.01232	20	1.25	4%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.72375	0.01970	0.66464	0.04028	0.01232	20	1.47	4%	0
032.31	Potassium, AAS, Dry ash (%)	0066	0.74500	0.01000	0.66464	0.04028	0.01232	20	1.99	6%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.63250	0.00300				2			0
032.32	Potassium, AAS, Open vessel (%)	0263	0.65300	0.00300				2			0
032.33	Potassium, AAS, Microwave (%)	0035	0.69000	0.02000				1			0
032.41	Potassium, ICP, Dry ash (%)	0405	0.06330	0.00080	0.67059	0.03488	0.01398	22	-17.41	45%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.62000	0.02000	0.67059	0.03488	0.01398	22	-1.45	4%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.63000	0.04000	0.67059	0.03488	0.01398	22	-1.16	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.63500	0.03000	0.67059	0.03488	0.01398	22	-1.02	3%	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 (%)	0019	0.64500	0.01000	0.67059	0.03488	0.01398	22	-0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.65500	0.01000	0.67059	0.03488	0.01398	22	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.66000	0.02000	0.67059	0.03488	0.01398	22	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.66000	0.00000	0.67059	0.03488	0.01398	22	-0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.66150	0.01340	0.67059	0.03488	0.01398	22	-0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.66800	0.00800	0.67059	0.03488	0.01398	22	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.67000	0.02000	0.67059	0.03488	0.01398	22	-0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.67250	0.00100	0.67059	0.03488	0.01398	22	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.67300	0.02000	0.67059	0.03488	0.01398	22	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.67500	0.01000	0.67059	0.03488	0.01398	22	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.67500	0.03000	0.67059	0.03488	0.01398	22	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.67600	0.01400	0.67059	0.03488	0.01398	22	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.69000	0.00000	0.67059	0.03488	0.01398	22	0.56	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.69500	0.02400	0.67059	0.03488	0.01398	22	0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.70500	0.01000	0.67059	0.03488	0.01398	22	0.99	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.72650	0.00900	0.67059	0.03488	0.01398	22	1.60	4%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.75640	0.01740	0.67059	0.03488	0.01398	22	2.46	6%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.83000	0.00000	0.67059	0.03488	0.01398	22	4.57	12%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.64000	0.02000	0.70199	0.03954	0.02376	19	-1.57	4%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.66000	0.04000	0.70199	0.03954	0.02376	19	-1.06	3%	0
032.42	Potassium, ICP, Open vessel (%)	0096	0.66110	0.02200	0.70199	0.03954	0.02376	19	-1.03	3%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.67000	0.02000	0.70199	0.03954	0.02376	19	-0.81	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.68005	0.01750	0.70199	0.03954	0.02376	19	-0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.68100	0.00600	0.70199	0.03954	0.02376	19	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.68500	0.03000	0.70199	0.03954	0.02376	19	-0.43	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.68800	0.00600	0.70199	0.03954	0.02376	19	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.69200	0.03000	0.70199	0.03954	0.02376	19	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.69350	0.00040	0.70199	0.03954	0.02376	19	-0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.69935	0.01630	0.70199	0.03954	0.02376	19	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.70400	0.01400	0.70199	0.03954	0.02376	19	0.05	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	0.71755	0.00710	0.70199	0.03954	0.02376	19	0.39	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.72085	0.02970	0.70199	0.03954	0.02376	19	0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.73005	0.00250	0.70199	0.03954	0.02376	19	0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.73500	0.09000	0.70199	0.03954	0.02376	19	0.83	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.75500	0.07000	0.70199	0.03954	0.02376	19	1.34	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.77500	0.01000	0.70199	0.03954	0.02376	19	1.85	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.89000	0.02000	0.70199	0.03954	0.02376	19	4.75	13%	0
032.43	Potassium, ICP, Microwave (%)	0017	0.59000	0.04000	0.68040	0.04591	2.9548	22	-1.97	7%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.61500	0.01000	0.68040	0.04591	2.9548	22	-1.42	5%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.63500	0.01000	0.68040	0.04591	2.9548	22	-0.99	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.64000	0.00000	0.68040	0.04591	2.9548	22	-0.88	3%	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	
032.43	Potassium, ICP, Microwave (%)	0610	0.64500	0.01000	0.68040	0.04591	2.9548	22	-0.77	3%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.64600	0.01000	0.68040	0.04591	2.9548	22	-0.75	3%	0
032.43	Potassium, ICP, Microwave (%)	0021	0.65000	0.02000	0.68040	0.04591	2.9548	22	-0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.66800	0.01600	0.68040	0.04591	2.9548	22	-0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.67450	0.00700	0.68040	0.04591	2.9548	22	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.67550	0.01100	0.68040	0.04591	2.9548	22	-0.11	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.68000	0.00000	0.68040	0.04591	2.9548	22	-0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.68195	0.00570	0.68040	0.04591	2.9548	22	0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.68500	0.01000	0.68040	0.04591	2.9548	22	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.68500	0.01000	0.68040	0.04591	2.9548	22	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.69000	0.02000	0.68040	0.04591	2.9548	22	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.69500	0.01000	0.68040	0.04591	2.9548	22	0.32	1%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.70200	0.00200	0.68040	0.04591	2.9548	22	0.47	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.71500	0.01000	0.68040	0.04591	2.9548	22	0.75	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.73400	0.00400	0.68040	0.04591	2.9548	22	1.17	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.74175	0.03970	0.68040	0.04591	2.9548	22	1.34	5%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.78000	0.04000	0.68040	0.04591	2.9548	22	2.17	7%	0
032.43	Potassium, ICP, Microwave (%)	0202	6,233.8	64.720	0.68040	0.04591	2.9548	22	135761.84	458049%	0
032.44	Potassium, ICP, Dry ash (%)	0039	0.66650	0.01900				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.64735	0.05790				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.67550	0.02900				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	0.69000	0.00000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.72250	0.00900				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.67500	0.01000				2			0
032.99	Potassium, Miscellaneous (%)	0242	0.68500	0.01000				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.00000	0.00000				2			4
033.00	Salt as chloride, Sol Cl (%)	0539	0.13600	0.00000	0.30435	0.05234	0.01472	20	-3.22	28%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.23000	0.06000	0.30435	0.05234	0.01472	20	-1.42	12%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.26000	0.00000	0.30435	0.05234	0.01472	20	-0.85	7%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.26500	0.01000	0.30435	0.05234	0.01472	20	-0.75	6%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.27000	0.02000	0.30435	0.05234	0.01472	20	-0.66	6%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.27000	0.00000	0.30435	0.05234	0.01472	20	-0.66	6%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.27400	0.01200	0.30435	0.05234	0.01472	20	-0.58	5%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.28200	0.01800	0.30435	0.05234	0.01472	20	-0.43	4%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.29815	0.00410	0.30435	0.05234	0.01472	20	-0.12	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.30900	0.03000	0.30435	0.05234	0.01472	20	0.09	1%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.31000	0.00000	0.30435	0.05234	0.01472	20	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.31000	0.00000	0.30435	0.05234	0.01472	20	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.31500	0.01000	0.30435	0.05234	0.01472	20	0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.31500	0.01000	0.30435	0.05234	0.01472	20	0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.32815	0.00850	0.30435	0.05234	0.01472	20	0.45	4%	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	
033.00	Salt as chloride, Sol Cl (%)	0897	0.33500	0.01000	0.30435	0.05234	0.01472	20	0.59	5%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.34410	0.00180	0.30435	0.05234	0.01472	20	0.76	7%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.38000	0.02000	0.30435	0.05234	0.01472	20	1.45	12%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.52500	0.07000	0.30435	0.05234	0.01472	20	4.22	36%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.57500	0.01000	0.30435	0.05234	0.01472	20	5.17	44%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.29500	0.01000	0.33407	0.02444	0.01768	28	-1.60	6%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.29800	0.01000	0.33407	0.02444	0.01768	28	-1.48	5%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.30500	0.03000	0.33407	0.02444	0.01768	28	-1.19	4%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.30500	0.01000	0.33407	0.02444	0.01768	28	-1.19	4%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.31000	0.00000	0.33407	0.02444	0.01768	28	-0.99	4%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.31850	0.00100	0.33407	0.02444	0.01768	28	-0.64	2%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.31850	0.00100	0.33407	0.02444	0.01768	28	-0.64	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.32000	0.00000	0.33407	0.02444	0.01768	28	-0.58	2%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.32500	0.01000	0.33407	0.02444	0.01768	28	-0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.32500	0.01000	0.33407	0.02444	0.01768	28	-0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.32700	0.01200	0.33407	0.02444	0.01768	28	-0.29	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.33000	0.00000	0.33407	0.02444	0.01768	28	-0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.33000	0.00000	0.33407	0.02444	0.01768	28	-0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.33000	0.00000	0.33407	0.02444	0.01768	28	-0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.33000	0.00000	0.33407	0.02444	0.01768	28	-0.17	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.33500	0.01000	0.33407	0.02444	0.01768	28	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.34000	0.02000	0.33407	0.02444	0.01768	28	0.24	1%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.34000	0.04000	0.33407	0.02444	0.01768	28	0.24	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.34000	0.00000	0.33407	0.02444	0.01768	28	0.24	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.34450	0.00100	0.33407	0.02444	0.01768	28	0.43	2%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.34500	0.01000	0.33407	0.02444	0.01768	28	0.45	2%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.35000	0.02000	0.33407	0.02444	0.01768	28	0.65	2%	0
033.01	Salt as chloride, Poten Cl (%)	0644	0.35000	0.00000	0.33407	0.02444	0.01768	28	0.65	2%	0
033.01	Salt as chloride, Poten Cl (%)	0874	0.36290	0.00000	0.33407	0.02444	0.01768	28	1.18	4%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.36500	0.03000	0.33407	0.02444	0.01768	28	1.27	5%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.40000	0.00000	0.33407	0.02444	0.01768	28	2.70	10%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.45000	0.00000	0.33407	0.02444	0.01768	28	4.74	17%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.53500	0.27000	0.33407	0.02444	0.01768	28	8.22	30%	0
033.03	Salt as chloride, Quantab (%)	0726	0.15600	0.00000	0.24120	0.05466	0.02000	5	-1.56	18%	0
033.03	Salt as chloride, Quantab (%)	0265	0.22000	0.02000	0.24120	0.05466	0.02000	5	-0.39	4%	0
033.03	Salt as chloride, Quantab (%)	0144	0.26000	0.02000	0.24120	0.05466	0.02000	5	0.34	4%	0
033.03	Salt as chloride, Quantab (%)	0190	0.28000	0.04000	0.24120	0.05466	0.02000	5	0.71	8%	0
033.03	Salt as chloride, Quantab (%)	0505	0.29000	0.02000	0.24120	0.05466	0.02000	5	0.89	10%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0904	0.18500	0.01000	0.26375	0.05543	0.00750	4	-1.42	15%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.26500	0.01000	0.26375	0.05543	0.00750	4	0.02	0%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0878	0.30000	0.00000	0.26375	0.05543	0.00750	4	0.65	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	
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.30500	0.01000	0.26375	0.05543	0.00750	4	0.74	8%	0
033.99	Salt, Miscellaneous (%)	0208	0.29400	0.02400	0.38672	0.09920	0.03834	10	-0.93	12%	0
033.99	Salt, Miscellaneous (%)	2073	0.29500	0.03000	0.38672	0.09920	0.03834	10	-0.92	12%	0
033.99	Salt, Miscellaneous (%)	0910	0.31000	0.00000	0.38672	0.09920	0.03834	10	-0.77	10%	0
033.99	Salt, Miscellaneous (%)	0682	0.35000	0.00000	0.38672	0.09920	0.03834	10	-0.37	5%	0
033.99	Salt, Miscellaneous (%)	0536	0.35500	0.01000	0.38672	0.09920	0.03834	10	-0.32	4%	0
033.99	Salt, Miscellaneous (%)	0552	0.37000	0.04000	0.38672	0.09920	0.03834	10	-0.17	2%	0
033.99	Salt, Miscellaneous (%)	0613	0.39270	0.16940	0.38672	0.09920	0.03834	10	0.06	1%	0
033.99	Salt, Miscellaneous (%)	0017	0.44500	0.07000	0.38672	0.09920	0.03834	10	0.59	8%	0
033.99	Salt, Miscellaneous (%)	0358	0.52000	0.04000	0.38672	0.09920	0.03834	10	1.34	17%	0
033.99	Salt, Miscellaneous (%)	0027	0.55700	0.00000	0.38672	0.09920	0.03834	10	1.72	22%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.62700	0.02000				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.63500	0.01000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.55500	0.01000	0.60947	0.05504	0.03021	7	-0.99	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.58000	0.00000	0.60947	0.05504	0.03021	7	-0.54	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	0.58500	0.01000	0.60947	0.05504	0.03021	7	-0.44	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.59350	0.00300	0.60947	0.05504	0.03021	7	-0.29	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.60075	0.11850	0.60947	0.05504	0.03021	7	-0.16	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.66000	0.04000	0.60947	0.05504	0.03021	7	0.92	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.81500	0.03000	0.60947	0.05504	0.03021	7	3.73	17%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.40700	0.01600				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.9000	0.00000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	2.4650	0.33000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.42670	0.00700				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	0.82500	0.01000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				2			4
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.59465	0.01930	0.81466	0.35019	0.02183	4	-0.88	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.63000	0.02000	0.81466	0.35019	0.02183	4	-0.21	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.69800	0.04400	0.81466	0.35019	0.02183	4	1.09	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0560	1.3360	0.00400	0.81466	0.35019	0.02183	4	13.23	54%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.53000	0.00000	0.70402	0.18860	0.02880	5	-0.92	12%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0021	0.61500	0.05000	0.70402	0.18860	0.02880	5	-0.47	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.63800	0.02400	0.70402	0.18860	0.02880	5	-0.35	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.71760	0.01300	0.70402	0.18860	0.02880	5	0.07	1%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.0195	0.05700	0.70402	0.18860	0.02880	5	1.67	22%	0
035.01	Sodium, Ion-selective electrode (%)	0878	0.16000	0.00000	0.19875	0.02633	0.00400	4	-1.47	10%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.20450	0.00700	0.19875	0.02633	0.00400	4	0.22	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.21450	0.00500	0.19875	0.02633	0.00400	4	0.60	4%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.21600	0.00400	0.19875	0.02633	0.00400	4	0.66	4%	0
035.02	Sodium, Em Spect (%)	0884	0.20000	0.00000				1			0
035.05	Sodium, Flame Emission (%)	0066	0.20500	0.01000				3			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			
035.05	Sodium, Flame Emission (%)	0152	0.20500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0504	0.22000	0.00000				3			0
035.31	Sodium, AAS, Dry ash (%)	0175	0.18500	0.01000	0.21126	0.01532	0.00771	19	-1.71	6%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.18875	0.00390	0.21126	0.01532	0.00771	19	-1.47	5%	0
035.31	Sodium, AAS, Dry ash (%)	0014	0.19400	0.00000	0.21126	0.01532	0.00771	19	-1.13	4%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.19500	0.01000	0.21126	0.01532	0.00771	19	-1.06	4%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.20500	0.01000	0.21126	0.01532	0.00771	19	-0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.20500	0.01000	0.21126	0.01532	0.00771	19	-0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.20700	0.01200	0.21126	0.01532	0.00771	19	-0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.20875	0.00550	0.21126	0.01532	0.00771	19	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.21000	0.00000	0.21126	0.01532	0.00771	19	-0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.21000	0.00000	0.21126	0.01532	0.00771	19	-0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0878	0.21050	0.00100	0.21126	0.01532	0.00771	19	-0.05	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.21500	0.03000	0.21126	0.01532	0.00771	19	0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.21750	0.00700	0.21126	0.01532	0.00771	19	0.41	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.22000	0.00000	0.21126	0.01532	0.00771	19	0.57	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.22300	0.01000	0.21126	0.01532	0.00771	19	0.77	3%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.22500	0.01000	0.21126	0.01532	0.00771	19	0.90	3%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.22700	0.00600	0.21126	0.01532	0.00771	19	1.03	4%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.23000	0.02000	0.21126	0.01532	0.00771	19	1.22	4%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.25450	0.00100	0.21126	0.01532	0.00771	19	2.82	10%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.19800	0.00600				2			0
035.32	Sodium, AAS, Open vessel (%)	0263	0.19820	0.00160				2			0
035.33	Sodium, AAS, Microwave (%)	0035	0.20000	0.02000				1			0
035.41	Sodium, ICP, Dry ash (%)	0405	0.02025	0.00090	0.20849	0.01116	0.00691	25	-16.86	45%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.19500	0.01000	0.20849	0.01116	0.00691	25	-1.21	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.20000	0.02000	0.20849	0.01116	0.00691	25	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.20000	0.00000	0.20849	0.01116	0.00691	25	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.20000	0.02000	0.20849	0.01116	0.00691	25	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.20000	0.00200	0.20849	0.01116	0.00691	25	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.20000	0.00000	0.20849	0.01116	0.00691	25	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.20450	0.00300	0.20849	0.01116	0.00691	25	-0.36	1%	0
035.41	Sodium, ICP, Dry ash (%)	0003	0.20500	0.01000	0.20849	0.01116	0.00691	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.20500	0.01000	0.20849	0.01116	0.00691	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.20500	0.01000	0.20849	0.01116	0.00691	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.20500	0.00400	0.20849	0.01116	0.00691	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.20500	0.01000	0.20849	0.01116	0.00691	25	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0039	0.20665	0.00670	0.20849	0.01116	0.00691	25	-0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.20745	0.00190	0.20849	0.01116	0.00691	25	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.20800	0.00400	0.20849	0.01116	0.00691	25	-0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.21000	0.00000	0.20849	0.01116	0.00691	25	0.14	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	
035.41	Sodium, ICP, Dry ash (%)	0089	0.21000	0.00000	0.20849	0.01116	0.00691	25	0.14	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.21500	0.01000	0.20849	0.01116	0.00691	25	0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.21500	0.01000	0.20849	0.01116	0.00691	25	0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.22300	0.01800	0.20849	0.01116	0.00691	25	1.30	3%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.23025	0.00230	0.20849	0.01116	0.00691	25	1.95	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.24450	0.00900	0.20849	0.01116	0.00691	25	3.23	9%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.24600	0.00800	0.20849	0.01116	0.00691	25	3.36	9%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.25150	0.00300	0.20849	0.01116	0.00691	25	3.85	10%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.19000	0.00000	0.21269	0.01472	0.00706	17	-1.54	5%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.19845	0.00870	0.21269	0.01472	0.00706	17	-0.97	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.20000	0.00000	0.21269	0.01472	0.00706	17	-0.86	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.20300	0.00000	0.21269	0.01472	0.00706	17	-0.66	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.20450	0.00300	0.21269	0.01472	0.00706	17	-0.56	2%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.20500	0.01000	0.21269	0.01472	0.00706	17	-0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.20500	0.01000	0.21269	0.01472	0.00706	17	-0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.20800	0.00600	0.21269	0.01472	0.00706	17	-0.32	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.20950	0.00900	0.21269	0.01472	0.00706	17	-0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.21035	0.00090	0.21269	0.01472	0.00706	17	-0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.21500	0.01000	0.21269	0.01472	0.00706	17	0.16	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.22215	0.01570	0.21269	0.01472	0.00706	17	0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.22265	0.00350	0.21269	0.01472	0.00706	17	0.68	2%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.22500	0.01000	0.21269	0.01472	0.00706	17	0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.22705	0.00330	0.21269	0.01472	0.00706	17	0.98	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.23500	0.01000	0.21269	0.01472	0.00706	17	1.52	5%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.24000	0.02000	0.21269	0.01472	0.00706	17	1.86	6%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.17500	0.03000	0.20660	0.02462	1.5069	23	-1.28	8%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.17800	0.00000	0.20660	0.02462	1.5069	23	-1.16	7%	0
035.43	Sodium, ICP, Microwave (%)	0021	0.18000	0.00000	0.20660	0.02462	1.5069	23	-1.08	6%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.18500	0.01000	0.20660	0.02462	1.5069	23	-0.88	5%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.18695	0.00390	0.20660	0.02462	1.5069	23	-0.80	5%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.19000	0.00000	0.20660	0.02462	1.5069	23	-0.67	4%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.19200	0.00400	0.20660	0.02462	1.5069	23	-0.59	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.19300	0.01200	0.20660	0.02462	1.5069	23	-0.55	3%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.19550	0.00300	0.20660	0.02462	1.5069	23	-0.45	3%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.19935	0.02150	0.20660	0.02462	1.5069	23	-0.29	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.20000	0.00000	0.20660	0.02462	1.5069	23	-0.27	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.20500	0.01000	0.20660	0.02462	1.5069	23	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.20650	0.00100	0.20660	0.02462	1.5069	23	0.00	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.20700	0.00200	0.20660	0.02462	1.5069	23	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.21000	0.00000	0.20660	0.02462	1.5069	23	0.14	1%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.21000	0.02000	0.20660	0.02462	1.5069	23	0.14	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	
035.43	Sodium, ICP, Microwave (%)	0083	0.21500	0.01000	0.20660	0.02462	1.5069	23	0.34	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.22500	0.01000	0.20660	0.02462	1.5069	23	0.75	4%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.22800	0.00400	0.20660	0.02462	1.5069	23	0.87	5%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.24000	0.00000	0.20660	0.02462	1.5069	23	1.36	8%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.24500	0.01000	0.20660	0.02462	1.5069	23	1.56	9%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.25290	0.00680	0.20660	0.02462	1.5069	23	1.88	11%	0
035.43	Sodium, ICP, Microwave (%)	0202	1,940.0	34.500	0.20660	0.02462	1.5069	23	78782.53	469438%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.19100	0.00380				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.21150	0.00140				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.20000	0.00000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.20900	0.01000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.21650	0.02700				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.18500	0.01000	0.24970	0.09635	0.02220	5	-1.29	5%	0
035.99	Sodium, Miscellaneous (%)	2129	0.20350	0.00100	0.24970	0.09635	0.02220	5	-0.21	1%	0
035.99	Sodium, Miscellaneous (%)	0100	0.21500	0.01000	0.24970	0.09635	0.02220	5	0.46	2%	0
035.99	Sodium, Miscellaneous (%)	0590	0.22500	0.01000	0.24970	0.09635	0.02220	5	1.04	4%	0
035.99	Sodium, Miscellaneous (%)	0889	0.42000	0.08000	0.24970	0.09635	0.02220	5	12.40	51%	0
036.00	Sulfur, Gravimetric (%)	0038	0.37050	0.00500				1			0
036.04	Sulfur, LECO (%)	0098	0.33000	0.02000	0.34125	0.02250	0.01250	4	0.00	0%	0
036.04	Sulfur, LECO (%)	0229	0.33000	0.00000	0.34125	0.02250	0.01250	4	0.00	0%	0
036.04	Sulfur, LECO (%)	0610	0.33000	0.00000	0.34125	0.02250	0.01250	4	0.00	0%	0
036.04	Sulfur, LECO (%)	0226	0.37500	0.03000	0.34125	0.02250	0.01250	4	0.00	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.33500	0.01000	0.37986	0.03265	0.00715	20	-1.37	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0096	0.34255	0.00310	0.37986	0.03265	0.00715	20	-1.14	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.34950	0.00100	0.37986	0.03265	0.00715	20	-0.93	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.35465	0.01110	0.37986	0.03265	0.00715	20	-0.77	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.35655	0.00050	0.37986	0.03265	0.00715	20	-0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.36000	0.00000	0.37986	0.03265	0.00715	20	-0.61	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.36350	0.02500	0.37986	0.03265	0.00715	20	-0.50	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.36500	0.01000	0.37986	0.03265	0.00715	20	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.36750	0.00080	0.37986	0.03265	0.00715	20	-0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.36900	0.00200	0.37986	0.03265	0.00715	20	-0.33	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.37300	0.00400	0.37986	0.03265	0.00715	20	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.38350	0.00160	0.37986	0.03265	0.00715	20	0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.38500	0.01000	0.37986	0.03265	0.00715	20	0.16	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.39485	0.00410	0.37986	0.03265	0.00715	20	0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.39500	0.01000	0.37986	0.03265	0.00715	20	0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.41000	0.02000	0.37986	0.03265	0.00715	20	0.92	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.41500	0.01000	0.37986	0.03265	0.00715	20	1.08	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.42000	0.00000	0.37986	0.03265	0.00715	20	1.23	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.44000	0.00000	0.37986	0.03265	0.00715	20	1.84	8%	0

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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	
036.42	Sulfur, ICP, Open vessel (%)	0186	0.44915	0.01970	0.37986	0.03265	0.00715	20	2.12	9%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.34400	0.03200	0.37960	0.02796	2.8689	13	-1.27	5%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.35500	0.01000	0.37960	0.02796	2.8689	13	-0.88	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.35700	0.00600	0.37960	0.02796	2.8689	13	-0.81	3%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.36000	0.02000	0.37960	0.02796	2.8689	13	-0.70	3%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.36350	0.00100	0.37960	0.02796	2.8689	13	-0.58	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.37000	0.04000	0.37960	0.02796	2.8689	13	-0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0021	0.38000	0.04000	0.37960	0.02796	2.8689	13	0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.38150	0.00900	0.37960	0.02796	2.8689	13	0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.38490	0.00680	0.37960	0.02796	2.8689	13	0.19	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.39500	0.01000	0.37960	0.02796	2.8689	13	0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.40235	0.00050	0.37960	0.02796	2.8689	13	0.81	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.42000	0.02000	0.37960	0.02796	2.8689	13	1.44	5%	0
036.43	Sulfur, ICP, Microwave (%)	0202	3,269.7	37.100	0.37960	0.02796	2.8689	13	116911.92	430622%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	3,547.0	274.00				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.39000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.39800	0.00200				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	28.060	1.4200	137.80	8.5167	4.5637	19	-12.89	40%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	126.60	2.6000	137.80	8.5167	4.5637	19	-1.32	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	130.00	2.0000	137.80	8.5167	4.5637	19	-0.92	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	131.52	1.0400	137.80	8.5167	4.5637	19	-0.74	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	131.63	3.1100	137.80	8.5167	4.5637	19	-0.73	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	131.93	1.3000	137.80	8.5167	4.5637	19	-0.69	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	133.50	7.0000	137.80	8.5167	4.5637	19	-0.50	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0878	134.00	0.00000	137.80	8.5167	4.5637	19	-0.45	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	136.38	1.7800	137.80	8.5167	4.5637	19	-0.17	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	137.00	4.0000	137.80	8.5167	4.5637	19	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	140.81	0.76000	137.80	8.5167	4.5637	19	0.35	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	141.50	13.000	137.80	8.5167	4.5637	19	0.43	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	142.35	8.9000	137.80	8.5167	4.5637	19	0.53	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	142.50	7.0000	137.80	8.5167	4.5637	19	0.55	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	142.53	3.8000	137.80	8.5167	4.5637	19	0.56	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	143.00	10.000	137.80	8.5167	4.5637	19	0.61	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2062	147.35	11.500	137.80	8.5167	4.5637	19	1.12	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	150.00	2.5000	137.80	8.5167	4.5637	19	1.43	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	192.50	5.0000	137.80	8.5167	4.5637	19	6.42	20%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	142.25	5.3000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	144.00	2.0000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	122.85	10.500	146.09	25.528	5.6935	4	-0.91	8%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	135.00	10.000	146.09	25.528	5.6935	4	-0.43	4%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	144.53	0.27400	146.09	25.528	5.6935	4	-0.06	1%	0

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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	
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0035	182.00	2.0000	146.09	25.528	5.6935	4	1.41	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	10.600	0.30000	134.48	8.9401	7.1404	19	-13.86	46%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	122.50	1.0000	134.48	8.9401	7.1404	19	-1.34	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	124.84	6.2200	134.48	8.9401	7.1404	19	-1.08	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	127.50	1.0000	134.48	8.9401	7.1404	19	-0.78	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	128.50	11.000	134.48	8.9401	7.1404	19	-0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	129.45	5.3000	134.48	8.9401	7.1404	19	-0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	130.10	3.2900	134.48	8.9401	7.1404	19	-0.49	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	134.10	7.0000	134.48	8.9401	7.1404	19	-0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	135.10	9.8000	134.48	8.9401	7.1404	19	0.07	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	135.37	8.7685	134.48	8.9401	7.1404	19	0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	135.38	0.55000	134.48	8.9401	7.1404	19	0.10	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	135.50	23.000	134.48	8.9401	7.1404	19	0.11	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	135.84	9.8200	134.48	8.9401	7.1404	19	0.15	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	136.50	9.0000	134.48	8.9401	7.1404	19	0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	140.60	6.2000	134.48	8.9401	7.1404	19	0.68	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	142.00	6.0000	134.48	8.9401	7.1404	19	0.84	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	145.00	4.0000	134.48	8.9401	7.1404	19	1.18	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	150.00	14.000	134.48	8.9401	7.1404	19	1.74	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	154.53	9.4200	134.48	8.9401	7.1404	19	2.24	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	86.500	9.0000	135.32	14.847	6.0652	19	-3.29	18%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	104.47	3.0900	135.32	14.847	6.0652	19	-2.08	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	117.15	0.90000	135.32	14.847	6.0652	19	-1.22	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	123.72	0.32300	135.32	14.847	6.0652	19	-0.78	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0096	126.94	21.215	135.32	14.847	6.0652	19	-0.56	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	128.00	2.0000	135.32	14.847	6.0652	19	-0.49	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	129.08	0.55000	135.32	14.847	6.0652	19	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	133.65	8.5000	135.32	14.847	6.0652	19	-0.11	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	133.75	0.50000	135.32	14.847	6.0652	19	-0.11	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	135.50	3.0000	135.32	14.847	6.0652	19	0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	137.00	8.0000	135.32	14.847	6.0652	19	0.11	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	137.50	11.000	135.32	14.847	6.0652	19	0.15	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	139.50	11.000	135.32	14.847	6.0652	19	0.28	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	146.35	0.70000	135.32	14.847	6.0652	19	0.74	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	149.55	1.3000	135.32	14.847	6.0652	19	0.96	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	149.55	0.90000	135.32	14.847	6.0652	19	0.96	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	150.00	8.0000	135.32	14.847	6.0652	19	0.99	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	152.83	1.2600	135.32	14.847	6.0652	19	1.18	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	155.00	24.000	135.32	14.847	6.0652	19	1.33	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	0.00000	0.00000	135.32	14.847	6.0652	19			4
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	112.90	2.9100	133.70	11.519	5.7204	26	-1.81	8%	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	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	118.25	4.1600	133.70	11.519	5.7204	26	-1.34	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	120.61	4.4500	133.70	11.519	5.7204	26	-1.14	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	121.00	0.00000	133.70	11.519	5.7204	26	-1.10	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	123.00	4.0000	133.70	11.519	5.7204	26	-0.93	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0021	125.00	30.000	133.70	11.519	5.7204	26	-0.76	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	126.50	3.0000	133.70	11.519	5.7204	26	-0.62	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	127.84	0.21000	133.70	11.519	5.7204	26	-0.51	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	130.00	6.0000	133.70	11.519	5.7204	26	-0.32	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	130.50	5.0000	133.70	11.519	5.7204	26	-0.28	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	131.00	6.0000	133.70	11.519	5.7204	26	-0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	132.00	8.0000	133.70	11.519	5.7204	26	-0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	132.23	2.4500	133.70	11.519	5.7204	26	-0.13	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	132.50	9.0000	133.70	11.519	5.7204	26	-0.10	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	132.70	22.600	133.70	11.519	5.7204	26	-0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	133.81	7.4720	133.70	11.519	5.7204	26	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	137.50	3.0000	133.70	11.519	5.7204	26	0.33	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	138.00	6.0000	133.70	11.519	5.7204	26	0.37	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	138.50	1.0000	133.70	11.519	5.7204	26	0.42	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	141.94	0.00000	133.70	11.519	5.7204	26	0.72	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	142.00	4.0000	133.70	11.519	5.7204	26	0.72	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	144.45	0.50000	133.70	11.519	5.7204	26	0.93	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	147.50	3.0000	133.70	11.519	5.7204	26	1.20	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	158.14	13.478	133.70	11.519	5.7204	26	2.12	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0512	161.45	1.5000	133.70	11.519	5.7204	26	2.41	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	164.50	1.0000	133.70	11.519	5.7204	26	2.67	12%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0039	129.80	2.3980				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2152	131.37	0.18000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0096	136.31	4.4202				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	128.00	10.000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	128.65	7.1000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	138.50	7.0000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	117.50	3.0000	130.80	8.8431	6.4000	5	-1.25	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	129.50	3.0000	130.80	8.8431	6.4000	5	0.03	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	129.50	1.0000	130.80	8.8431	6.4000	5	0.03	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	137.00	22.000	130.80	8.8431	6.4000	5	0.82	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	140.50	3.0000	130.80	8.8431	6.4000	5	1.20	4%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.95000	0.10000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.2300	0.10000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	1.0700	0.02000	1.3375	0.20431	0.15500	4	-1.31	10%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.2900	0.16000	1.3375	0.20431	0.15500	4	-0.23	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.4650	0.43000	1.3375	0.20431	0.15500	4	0.62	5%	0

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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	
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.5250	0.01000	1.3375	0.20431	0.15500	4	0.92	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.67165	0.05550	1.0887	0.38355	0.14103	6	-1.09	19%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.80000	0.02000	1.0887	0.38355	0.14103	6	-0.75	13%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	1.0150	0.27000	1.0887	0.38355	0.14103	6	-0.19	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	1.1453	0.10070	1.0887	0.38355	0.14103	6	0.15	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.3000	0.20000	1.0887	0.38355	0.14103	6	0.55	10%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.6000	0.20000	1.0887	0.38355	0.14103	6	1.33	23%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000	1.0887	0.38355	0.14103	6			4
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0910	0.79000	0.04000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0096	1.2618	0.07390				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.76350	0.02300	1.1269	0.34538	0.07173	4	-0.76	14%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.91395	0.00390	1.1269	0.34538	0.07173	4	-0.37	7%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.3300	0.26000	1.1269	0.34538	0.07173	4	0.70	13%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0021	1.5000	0.00000	1.1269	0.34538	0.07173	4	1.13	21%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	6.5950	0.19000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0096	6.6097	0.15800				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.0996	0.17190				1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				0			4
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.90800	0.05800				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0021	1.0850	0.23000				2			0
042.00	Chloride, Titrimetric (%)	0948	0.18500	0.01000				1			0
042.02	Chloride, Ion Chromatography (%)	0413	0.14500	0.01000				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.25500	0.11000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	570.00	4.0000				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	1,635.0	110.00				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	181.50	1.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	89.575	2.1500				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	24.600	0.40000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	10.280	0.00000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	30.950	2.7000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	32.000	1.6000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	21.205	1.3100	25.694	3.5579	1.2186	5	-1.26	9%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0027	24.878	2.0931	25.694	3.5579	1.2186	5	-0.23	2%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	25.100	0.80000	25.694	3.5579	1.2186	5	-0.17	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	0904	26.185	1.2900	25.694	3.5579	1.2186	5	0.14	1%	0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	31.100	0.60000	25.694	3.5579	1.2186	5	1.52	11%	0
105.00	Thiamine, LC (mg / kg (ppm))	0904	4.8250	0.73000	6.7789	2.1784	0.69900	5	-0.90	14%	0
105.00	Thiamine, LC (mg / kg (ppm))	0208	4.9795	1.7050	6.7789	2.1784	0.69900	5	-0.83	13%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	5.8350	0.91000	6.7789	2.1784	0.69900	5	-0.43	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	9.0900	0.00000	6.7789	2.1784	0.69900	5	1.06	17%	0
105.00	Thiamine, LC (mg / kg (ppm))	2053	9.1650	0.15000	6.7789	2.1784	0.69900	5	1.10	18%	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			
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	7.0300	0.60000				1			0
106.00	Vitamin A, Color (KU / kg)	0964	32.616	3.2209				3			0
106.00	Vitamin A, Color (KU / kg)	0171	37.350	0.70000				3			0
106.00	Vitamin A, Color (KU / kg)	0019	51.224	4.3250				3			0
106.01	Vitamin A, UV (KU / kg)	0098	28.200	0.20000				1			0
106.02	Vitamin A, LC (KU / kg)	0563	13.469	1.0580	30.057	5.5196	3.0922	25	-3.01	28%	0
106.02	Vitamin A, LC (KU / kg)	2068	22.500	1.0000	30.057	5.5196	3.0922	25	-1.37	13%	0
106.02	Vitamin A, LC (KU / kg)	0905	23.177	3.3450	30.057	5.5196	3.0922	25	-1.25	11%	0
106.02	Vitamin A, LC (KU / kg)	2053	25.300	3.2000	30.057	5.5196	3.0922	25	-0.86	8%	0
106.02	Vitamin A, LC (KU / kg)	0904	26.135	0.39000	30.057	5.5196	3.0922	25	-0.71	7%	0
106.02	Vitamin A, LC (KU / kg)	0004	26.215	3.0900	30.057	5.5196	3.0922	25	-0.70	6%	0
106.02	Vitamin A, LC (KU / kg)	2062	27.380	1.8290	30.057	5.5196	3.0922	25	-0.49	4%	0
106.02	Vitamin A, LC (KU / kg)	0027	27.469	1.4616	30.057	5.5196	3.0922	25	-0.47	4%	0
106.02	Vitamin A, LC (KU / kg)	0676	27.550	4.3000	30.057	5.5196	3.0922	25	-0.45	4%	0
106.02	Vitamin A, LC (KU / kg)	0003	27.950	0.90000	30.057	5.5196	3.0922	25	-0.38	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	28.050	3.3000	30.057	5.5196	3.0922	25	-0.36	3%	0
106.02	Vitamin A, LC (KU / kg)	0033	28.500	0.60000	30.057	5.5196	3.0922	25	-0.28	3%	0
106.02	Vitamin A, LC (KU / kg)	0208	28.880	1.3220	30.057	5.5196	3.0922	25	-0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0199	30.210	0.38000	30.057	5.5196	3.0922	25	0.03	0%	0
106.02	Vitamin A, LC (KU / kg)	0227	30.850	2.1000	30.057	5.5196	3.0922	25	0.14	1%	0
106.02	Vitamin A, LC (KU / kg)	2103	30.870	2.7600	30.057	5.5196	3.0922	25	0.15	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	32.300	11.400	30.057	5.5196	3.0922	25	0.41	4%	0
106.02	Vitamin A, LC (KU / kg)	0689	32.390	2.1800	30.057	5.5196	3.0922	25	0.42	4%	0
106.02	Vitamin A, LC (KU / kg)	0148	33.280	0.72000	30.057	5.5196	3.0922	25	0.58	5%	0
106.02	Vitamin A, LC (KU / kg)	0512	34.430	4.1000	30.057	5.5196	3.0922	25	0.79	7%	0
106.02	Vitamin A, LC (KU / kg)	0610	34.600	3.4000	30.057	5.5196	3.0922	25	0.82	8%	0
106.02	Vitamin A, LC (KU / kg)	0014	36.600	5.2000	30.057	5.5196	3.0922	25	1.19	11%	0
106.02	Vitamin A, LC (KU / kg)	0675	43.345	11.870	30.057	5.5196	3.0922	25	2.41	22%	0
106.02	Vitamin A, LC (KU / kg)	0038	45.100	5.4000	30.057	5.5196	3.0922	25	2.73	25%	0
106.02	Vitamin A, LC (KU / kg)	0169	55.000	2.0000	30.057	5.5196	3.0922	25	4.52	41%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	47.200	1.4000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	4.5000	1.0000				2			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	8.0950	0.35000				2			0
108.02	Vitamin D3, LC (KU / kg)	0904	2.7550	0.83000	5.0045	1.7391	0.56833	6	-1.29	22%	0
108.02	Vitamin D3, LC (KU / kg)	0675	4.2250	0.11000	5.0045	1.7391	0.56833	6	-0.45	8%	0
108.02	Vitamin D3, LC (KU / kg)	0610	4.4000	0.60000	5.0045	1.7391	0.56833	6	-0.35	6%	0
108.02	Vitamin D3, LC (KU / kg)	0227	5.7100	0.50000	5.0045	1.7391	0.56833	6	0.41	7%	0
108.02	Vitamin D3, LC (KU / kg)	0861	5.7820	0.34000	5.0045	1.7391	0.56833	6	0.45	8%	0
108.02	Vitamin D3, LC (KU / kg)	0208	7.1550	1.0300	5.0045	1.7391	0.56833	6	1.24	21%	0
109.02	Vitamin E, LC (IU/kg)	2068	0.04750	0.01300	119.08	32.912	6.4680	22	-3.62	50%	0
109.02	Vitamin E, LC (IU/kg)	0619	0.73800	0.00000	119.08	32.912	6.4680	22	-3.60	50%	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	
109.02	Vitamin E, LC (IU/kg)	0027	88.646	0.53760	119.08	32.912	6.4680	22	-0.92	13%	0
109.02	Vitamin E, LC (IU/kg)	0590	97.000	2.0000	119.08	32.912	6.4680	22	-0.67	9%	0
109.02	Vitamin E, LC (IU/kg)	2062	97.100	4.8000	119.08	32.912	6.4680	22	-0.67	9%	0
109.02	Vitamin E, LC (IU/kg)	2152	99.640	0.32000	119.08	32.912	6.4680	22	-0.59	8%	0
109.02	Vitamin E, LC (IU/kg)	0169	102.50	3.0000	119.08	32.912	6.4680	22	-0.50	7%	0
109.02	Vitamin E, LC (IU/kg)	0098	104.50	21.000	119.08	32.912	6.4680	22	-0.44	6%	0
109.02	Vitamin E, LC (IU/kg)	2103	104.50	8.0000	119.08	32.912	6.4680	22	-0.44	6%	0
109.02	Vitamin E, LC (IU/kg)	0208	105.23	4.5560	119.08	32.912	6.4680	22	-0.42	6%	0
109.02	Vitamin E, LC (IU/kg)	0904	109.90	9.7400	119.08	32.912	6.4680	22	-0.28	4%	0
109.02	Vitamin E, LC (IU/kg)	0955	110.50	1.0000	119.08	32.912	6.4680	22	-0.26	4%	0
109.02	Vitamin E, LC (IU/kg)	0910	122.80	1.4000	119.08	32.912	6.4680	22	0.11	2%	0
109.02	Vitamin E, LC (IU/kg)	0676	128.55	1.9000	119.08	32.912	6.4680	22	0.29	4%	0
109.02	Vitamin E, LC (IU/kg)	0861	130.00	0.00000	119.08	32.912	6.4680	22	0.33	5%	0
109.02	Vitamin E, LC (IU/kg)	0610	141.50	7.0000	119.08	32.912	6.4680	22	0.68	9%	0
109.02	Vitamin E, LC (IU/kg)	0905	144.50	9.0000	119.08	32.912	6.4680	22	0.77	11%	0
109.02	Vitamin E, LC (IU/kg)	0227	147.50	41.000	119.08	32.912	6.4680	22	0.86	12%	0
109.02	Vitamin E, LC (IU/kg)	0148	155.81	9.0000	119.08	32.912	6.4680	22	1.12	15%	0
109.02	Vitamin E, LC (IU/kg)	0199	156.70	0.40000	119.08	32.912	6.4680	22	1.14	16%	0
109.02	Vitamin E, LC (IU/kg)	0563	165.01	2.9602	119.08	32.912	6.4680	22	1.40	19%	0
109.02	Vitamin E, LC (IU/kg)	0675	184.72	14.670	119.08	32.912	6.4680	22	1.99	28%	0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	108.00	0.00000				1			0
112.01	Pyridoxine, LC (µg / g)	0904	11.620	0.78000				2			0
112.01	Pyridoxine, LC (µg / g)	0227	13.550	0.30000				2			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	15.250	0.10000				1			0
113.02	Folic acid, LC (mg / kg (ppm))	0675	24.695	1.1900				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0208	0.91050	0.12900				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.97150	0.03500				2			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	2053	0.33500	0.03000				2			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0675	1.3950	0.05000				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.1090	0.03200	1.1773	0.01751	0.01628	17	-3.90	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.1300	0.02000	1.1773	0.01751	0.01628	17	-2.70	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1600	0.04000	1.1773	0.01751	0.01628	17	-0.99	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.1665	0.01100	1.1773	0.01751	0.01628	17	-0.62	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.1715	0.00300	1.1773	0.01751	0.01628	17	-0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.1750	0.03000	1.1773	0.01751	0.01628	17	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.1750	0.01000	1.1773	0.01751	0.01628	17	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.1750	0.03000	1.1773	0.01751	0.01628	17	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.1760	0.01200	1.1773	0.01751	0.01628	17	-0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.1790	0.01400	1.1773	0.01751	0.01628	17	0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1795	0.00700	1.1773	0.01751	0.01628	17	0.12	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.1800	0.00000	1.1773	0.01751	0.01628	17	0.15	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.1830	0.00600	1.1773	0.01751	0.01628	17	0.32	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.1850	0.01000	1.1773	0.01751	0.01628	17	0.44	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.2000	0.00000	1.1773	0.01751	0.01628	17	1.29	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.2060	0.02400	1.1773	0.01751	0.01628	17	1.64	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.2331	0.02770	1.1773	0.01751	0.01628	17	3.18	2%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.2045	0.01900				1			0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.0865	0.00500	1.1257	0.04270	0.01140	5	-0.92	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0920	0.03200	1.1257	0.04270	0.01140	5	-0.79	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.1150	0.01000	1.1257	0.04270	0.01140	5	-0.25	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.1450	0.01000	1.1257	0.04270	0.01140	5	0.45	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.1900	0.00000	1.1257	0.04270	0.01140	5	1.51	3%	0
120.99	Alanine, Miscellaneous (%)	0904	1.1750	0.05000				2			0
120.99	Alanine, Miscellaneous (%)	0226	2.6000	0.00000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.89050	0.00900	0.95279	0.02695	0.00885	17	-2.31	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	0.92500	0.01000	0.95279	0.02695	0.00885	17	-1.03	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.93000	0.00000	0.95279	0.02695	0.00885	17	-0.85	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.93500	0.01000	0.95279	0.02695	0.00885	17	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	0.93500	0.03000	0.95279	0.02695	0.00885	17	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.93500	0.01000	0.95279	0.02695	0.00885	17	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.93950	0.00300	0.95279	0.02695	0.00885	17	-0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.94490	0.00340	0.95279	0.02695	0.00885	17	-0.29	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.95000	0.00400	0.95279	0.02695	0.00885	17	-0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.95500	0.01000	0.95279	0.02695	0.00885	17	0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.96200	0.00400	0.95279	0.02695	0.00885	17	0.34	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.96500	0.00200	0.95279	0.02695	0.00885	17	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.96700	0.01400	0.95279	0.02695	0.00885	17	0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.97350	0.01900	0.95279	0.02695	0.00885	17	0.77	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.98600	0.01000	0.95279	0.02695	0.00885	17	1.23	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.98900	0.00200	0.95279	0.02695	0.00885	17	1.34	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.0450	0.01000	0.95279	0.02695	0.00885	17	3.42	5%	0
121.02	Arginine, Post-col OPA Der (%)	0098	0.94150	0.03100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.83500	0.00400	0.92740	0.05460	0.01040	5	-1.69	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.92700	0.01800	0.92740	0.05460	0.01040	5	-0.01	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	0.94000	0.00000	0.92740	0.05460	0.01040	5	0.23	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.96500	0.01000	0.92740	0.05460	0.01040	5	0.69	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.97000	0.02000	0.92740	0.05460	0.01040	5	0.78	2%	0
121.99	Arginine, Miscellaneous (%)	0904	0.98000	0.00000				2			0
121.99	Arginine, Miscellaneous (%)	0226	2.7550	0.21000				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.2550	0.03000	1.3049	0.03350	0.01641	17	-1.49	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.2740	0.01000	1.3049	0.03350	0.01641	17	-0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.2745	0.01100	1.3049	0.03350	0.01641	17	-0.91	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	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.2750	0.01000	1.3049	0.03350	0.01641	17	-0.89	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.2850	0.05000	1.3049	0.03350	0.01641	17	-0.59	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.2875	0.00100	1.3049	0.03350	0.01641	17	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.2950	0.00000	1.3049	0.03350	0.01641	17	-0.30	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.2965	0.01300	1.3049	0.03350	0.01641	17	-0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.3020	0.01600	1.3049	0.03350	0.01641	17	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.3050	0.03000	1.3049	0.03350	0.01641	17	0.00	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.3070	0.00200	1.3049	0.03350	0.01641	17	0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.3150	0.01000	1.3049	0.03350	0.01641	17	0.30	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.3200	0.02000	1.3049	0.03350	0.01641	17	0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.3450	0.01400	1.3049	0.03350	0.01641	17	1.20	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.3450	0.03000	1.3049	0.03350	0.01641	17	1.20	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.3500	0.00000	1.3049	0.03350	0.01641	17	1.35	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.3523	0.03190	1.3049	0.03350	0.01641	17	1.41	2%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.2975	0.06700				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.2640	0.03600	1.2918	0.01959	0.01120	5	-2.52	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.2850	0.01000	1.2918	0.01959	0.01120	5	-1.00	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.2900	0.00000	1.2918	0.01959	0.01120	5	-0.64	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.3050	0.00000	1.2918	0.01959	0.01120	5	0.45	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.3150	0.01000	1.2918	0.01959	0.01120	5	1.18	1%	0
122.99	Aspartic, Miscellaneous (%)	0904	0.86500	0.03000				2			0
122.99	Aspartic, Miscellaneous (%)	0226	3.1150	0.07000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.32000	0.00000	0.36355	0.02166	0.01010	17	-2.01	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.33500	0.01000	0.36355	0.02166	0.01010	17	-1.32	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.33650	0.00100	0.36355	0.02166	0.01010	17	-1.25	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.34525	0.02170	0.36355	0.02166	0.01010	17	-0.85	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.35500	0.01000	0.36355	0.02166	0.01010	17	-0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0684	0.36000	0.00400	0.36355	0.02166	0.01010	17	-0.16	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.36200	0.00800	0.36355	0.02166	0.01010	17	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.36300	0.00200	0.36355	0.02166	0.01010	17	-0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.36500	0.01000	0.36355	0.02166	0.01010	17	0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.36550	0.00900	0.36355	0.02166	0.01010	17	0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2059	0.36900	0.00400	0.36355	0.02166	0.01010	17	0.25	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0354	0.37100	0.04600	0.36355	0.02166	0.01010	17	0.34	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0619	0.37250	0.01300	0.36355	0.02166	0.01010	17	0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.37300	0.00000	0.36355	0.02166	0.01010	17	0.44	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0859	0.38450	0.00300	0.36355	0.02166	0.01010	17	0.97	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0171	0.40500	0.01000	0.36355	0.02166	0.01010	17	1.91	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.41000	0.02000	0.36355	0.02166	0.01010	17	2.14	6%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.36500	0.00200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.28750	0.00700	0.36313	0.05550	0.00425	4	-1.36	10%	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	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.36500	0.01000	0.36313	0.05550	0.00425	4	0.03	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.38000	0.00000	0.36313	0.05550	0.00425	4	0.30	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.42000	0.00000	0.36313	0.05550	0.00425	4	1.02	8%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0226	0.55000	0.00000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.2180	0.10400	3.4109	0.07133	0.03728	17	-2.70	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.3400	0.06000	3.4109	0.07133	0.03728	17	-0.99	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.3465	0.00500	3.4109	0.07133	0.03728	17	-0.90	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.3515	0.00900	3.4109	0.07133	0.03728	17	-0.83	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3600	0.00800	3.4109	0.07133	0.03728	17	-0.71	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3650	0.07000	3.4109	0.07133	0.03728	17	-0.64	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3750	0.00600	3.4109	0.07133	0.03728	17	-0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.4070	0.02600	3.4109	0.07133	0.03728	17	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.4100	0.06000	3.4109	0.07133	0.03728	17	-0.01	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.4150	0.01000	3.4109	0.07133	0.03728	17	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.4400	0.08000	3.4109	0.07133	0.03728	17	0.41	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.4425	0.08100	3.4109	0.07133	0.03728	17	0.44	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.4450	0.01000	3.4109	0.07133	0.03728	17	0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.4712	0.06980	3.4109	0.07133	0.03728	17	0.85	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.4895	0.00500	3.4109	0.07133	0.03728	17	1.10	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.5050	0.01000	3.4109	0.07133	0.03728	17	1.32	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.5300	0.02000	3.4109	0.07133	0.03728	17	1.67	2%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.3800	0.11000				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.2425	0.03100	3.3499	0.11252	0.02500	5	-0.95	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.2700	0.04000	3.3499	0.11252	0.02500	5	-0.71	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.3420	0.02400	3.3499	0.11252	0.02500	5	-0.07	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.3650	0.03000	3.3499	0.11252	0.02500	5	0.13	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	3.5300	0.00000	3.3499	0.11252	0.02500	5	1.60	3%	0
125.99	Glutamic, Miscellaneous (%)	0904	2.9800	0.10000				2			0
125.99	Glutamic, Miscellaneous (%)	0226	8.1050	0.31000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.71500	0.01000	0.78042	0.01273	0.00899	17	-5.14	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.74500	0.01000	0.78042	0.01273	0.00899	17	-2.78	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.77000	0.00000	0.78042	0.01273	0.00899	17	-0.82	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.77000	0.02000	0.78042	0.01273	0.00899	17	-0.82	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.77500	0.00000	0.78042	0.01273	0.00899	17	-0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.77550	0.00100	0.78042	0.01273	0.00899	17	-0.39	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.77650	0.00480	0.78042	0.01273	0.00899	17	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.77900	0.01200	0.78042	0.01273	0.00899	17	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.78000	0.02000	0.78042	0.01273	0.00899	17	-0.03	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.78050	0.01300	0.78042	0.01273	0.00899	17	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.78050	0.00300	0.78042	0.01273	0.00899	17	0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.79000	0.02000	0.78042	0.01273	0.00899	17	0.75	1%	0

Test Material Code # 201722

Method Proficiency Testing Report

Issue Date : 03/31/2017

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	
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.79050	0.00700	0.78042	0.01273	0.00899	17	0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.79050	0.01100	0.78042	0.01273	0.00899	17	0.79	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.79250	0.00500	0.78042	0.01273	0.00899	17	0.95	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.79500	0.01000	0.78042	0.01273	0.00899	17	1.15	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.79900	0.00600	0.78042	0.01273	0.00899	17	1.46	1%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.76300	0.01000				1			0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.74500	0.01000	0.76770	0.01830	0.01140	5	-1.24	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.75450	0.00500	0.76770	0.01830	0.01140	5	-0.72	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.76900	0.02200	0.76770	0.01830	0.01140	5	0.07	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.78000	0.00000	0.76770	0.01830	0.01140	5	0.67	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.79000	0.02000	0.76770	0.01830	0.01140	5	1.22	1%	0
126.99	Glycine, Miscellaneous (%)	0904	0.80000	0.04000				2			0
126.99	Glycine, Miscellaneous (%)	0226	1.5100	0.00000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.42300	0.00200	0.46563	0.01643	0.00729	17	-2.59	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.44100	0.01400	0.46563	0.01643	0.00729	17	-1.50	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.44500	0.01000	0.46563	0.01643	0.00729	17	-1.26	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.45450	0.00100	0.46563	0.01643	0.00729	17	-0.68	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.45865	0.00090	0.46563	0.01643	0.00729	17	-0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.46300	0.00600	0.46563	0.01643	0.00729	17	-0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.46500	0.01000	0.46563	0.01643	0.00729	17	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.46500	0.01000	0.46563	0.01643	0.00729	17	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.46500	0.01000	0.46563	0.01643	0.00729	17	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.46850	0.00100	0.46563	0.01643	0.00729	17	0.17	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.47000	0.00000	0.46563	0.01643	0.00729	17	0.27	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.47400	0.02000	0.46563	0.01643	0.00729	17	0.51	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.47450	0.00300	0.46563	0.01643	0.00729	17	0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.47500	0.01000	0.46563	0.01643	0.00729	17	0.57	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.47500	0.01000	0.46563	0.01643	0.00729	17	0.57	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.49300	0.01200	0.46563	0.01643	0.00729	17	1.67	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.50200	0.00400	0.46563	0.01643	0.00729	17	2.21	4%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.45650	0.02500				1			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.39750	0.01100	0.44480	0.03020	0.00640	5	-1.57	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.43500	0.01000	0.44480	0.03020	0.00640	5	-0.32	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.45150	0.01100	0.44480	0.03020	0.00640	5	0.22	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.47000	0.00000	0.44480	0.03020	0.00640	5	0.83	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.47000	0.00000	0.44480	0.03020	0.00640	5	0.83	3%	0
127.99	Histidine, Miscellaneous (%)	0904	0.51500	0.01000				2			0
127.99	Histidine, Miscellaneous (%)	0226	1.0100	0.16000				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.58800	0.02400	0.67496	0.03056	0.01232	17	-2.85	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.63500	0.01000	0.67496	0.03056	0.01232	17	-1.31	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.64345	0.01550	0.67496	0.03056	0.01232	17	-1.03	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.64800	0.01200	0.67496	0.03056	0.01232	17	-0.88	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.65500	0.01000	0.67496	0.03056	0.01232	17	-0.65	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.66100	0.01200	0.67496	0.03056	0.01232	17	-0.46	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.66500	0.01000	0.67496	0.03056	0.01232	17	-0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.67100	0.01000	0.67496	0.03056	0.01232	17	-0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.68300	0.00600	0.67496	0.03056	0.01232	17	0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.68400	0.00200	0.67496	0.03056	0.01232	17	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.68500	0.01000	0.67496	0.03056	0.01232	17	0.33	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.68850	0.01500	0.67496	0.03056	0.01232	17	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.69150	0.00100	0.67496	0.03056	0.01232	17	0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.70000	0.02000	0.67496	0.03056	0.01232	17	0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.70500	0.03000	0.67496	0.03056	0.01232	17	0.98	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.70900	0.00200	0.67496	0.03056	0.01232	17	1.11	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.74000	0.02000	0.67496	0.03056	0.01232	17	2.13	5%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.68500	0.00600				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.52600	0.01000	0.64330	0.07429	0.01100	5	-1.58	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.61500	0.01000	0.64330	0.07429	0.01100	5	-0.38	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.67550	0.01500	0.64330	0.07429	0.01100	5	0.43	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.69500	0.01000	0.64330	0.07429	0.01100	5	0.70	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.70500	0.01000	0.64330	0.07429	0.01100	5	0.83	5%	0
128.99	Isoleucine, Miscellaneous (%)	0904	0.71500	0.07000				2			0
128.99	Isoleucine, Miscellaneous (%)	0226	1.5300	0.00000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.7715	0.06100	1.8891	0.04623	0.02920	17	-2.54	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.8260	0.08200	1.8891	0.04623	0.02920	17	-1.36	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.8450	0.03000	1.8891	0.04623	0.02920	17	-0.95	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.8525	0.01500	1.8891	0.04623	0.02920	17	-0.79	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.8650	0.01000	1.8891	0.04623	0.02920	17	-0.52	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.8790	0.02200	1.8891	0.04623	0.02920	17	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.8800	0.02000	1.8891	0.04623	0.02920	17	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.8850	0.03000	1.8891	0.04623	0.02920	17	-0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.8900	0.02000	1.8891	0.04623	0.02920	17	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.8910	0.00200	1.8891	0.04623	0.02920	17	0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.8950	0.00800	1.8891	0.04623	0.02920	17	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.9000	0.00000	1.8891	0.04623	0.02920	17	0.24	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.9095	0.00500	1.8891	0.04623	0.02920	17	0.44	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.9200	0.06000	1.8891	0.04623	0.02920	17	0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.9400	0.06000	1.8891	0.04623	0.02920	17	1.10	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.9635	0.03100	1.8891	0.04623	0.02920	17	1.61	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.9782	0.04040	1.8891	0.04623	0.02920	17	1.93	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.9075	0.02100				1			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.7670	0.03000	1.8504	0.05660	0.02240	5	-1.47	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	
129.05	Leucine, Pre-col AQC Der (%)	0939	1.8300	0.00000	1.8504	0.05660	0.02240	5	-0.36	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.8650	0.04200	1.8504	0.05660	0.02240	5	0.26	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.8700	0.02000	1.8504	0.05660	0.02240	5	0.35	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.9200	0.02000	1.8504	0.05660	0.02240	5	1.23	2%	0
129.99	Leucine, Miscellaneous (%)	0904	1.8950	0.01000				2			0
129.99	Leucine, Miscellaneous (%)	0226	4.0550	0.17000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.77800	0.00400	0.85215	0.04893	0.01594	19	-1.52	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.79050	0.00100	0.85215	0.04893	0.01594	19	-1.26	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.80500	0.01000	0.85215	0.04893	0.01594	19	-0.96	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.80805	0.00790	0.85215	0.04893	0.01594	19	-0.90	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.82500	0.01000	0.85215	0.04893	0.01594	19	-0.55	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.83300	0.01600	0.85215	0.04893	0.01594	19	-0.39	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.83600	0.00000	0.85215	0.04893	0.01594	19	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	0.83795	0.00290	0.85215	0.04893	0.01594	19	-0.29	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.84500	0.01000	0.85215	0.04893	0.01594	19	-0.15	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.84800	0.01800	0.85215	0.04893	0.01594	19	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.84850	0.00500	0.85215	0.04893	0.01594	19	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.85250	0.03100	0.85215	0.04893	0.01594	19	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.85500	0.01000	0.85215	0.04893	0.01594	19	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.88150	0.01700	0.85215	0.04893	0.01594	19	0.60	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.88500	0.07000	0.85215	0.04893	0.01594	19	0.67	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.89500	0.01000	0.85215	0.04893	0.01594	19	0.88	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.91500	0.03000	0.85215	0.04893	0.01594	19	1.28	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	0.95000	0.00000	0.85215	0.04893	0.01594	19	2.00	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.98500	0.05000	0.85215	0.04893	0.01594	19	2.72	8%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.90450	0.02900				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.77600	0.03400	0.83606	0.04833	0.01738	8	-1.24	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.79450	0.00700	0.83606	0.04833	0.01738	8	-0.86	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.80500	0.01000	0.83606	0.04833	0.01738	8	-0.64	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0016	0.83700	0.02600	0.83606	0.04833	0.01738	8	0.02	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.84000	0.02000	0.83606	0.04833	0.01738	8	0.08	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.85500	0.03000	0.83606	0.04833	0.01738	8	0.39	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.88300	0.00800	0.83606	0.04833	0.01738	8	0.97	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	0.89800	0.00400	0.83606	0.04833	0.01738	8	1.28	4%	0
130.99	L-Lysine, Miscellaneous (%)	0904	0.88500	0.01000				2			0
130.99	L-Lysine, Miscellaneous (%)	0226	1.6750	0.05000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.37130	0.00380	0.41715	0.03469	0.00927	19	-1.32	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.38900	0.00000	0.41715	0.03469	0.00927	19	-0.81	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.39095	0.01030	0.41715	0.03469	0.00927	19	-0.76	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.39250	0.00100	0.41715	0.03469	0.00927	19	-0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.39500	0.00000	0.41715	0.03469	0.00927	19	-0.64	3%	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	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.39900	0.00200	0.41715	0.03469	0.00927	19	-0.52	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.40000	0.00000	0.41715	0.03469	0.00927	19	-0.49	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.40150	0.00700	0.41715	0.03469	0.00927	19	-0.45	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.40500	0.00600	0.41715	0.03469	0.00927	19	-0.35	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.40800	0.04600	0.41715	0.03469	0.00927	19	-0.26	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.41000	0.00000	0.41715	0.03469	0.00927	19	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.41000	0.02000	0.41715	0.03469	0.00927	19	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.41850	0.00500	0.41715	0.03469	0.00927	19	0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.42000	0.00000	0.41715	0.03469	0.00927	19	0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.44500	0.01000	0.41715	0.03469	0.00927	19	0.80	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.46250	0.04300	0.41715	0.03469	0.00927	19	1.31	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.47000	0.00000	0.41715	0.03469	0.00927	19	1.52	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.47100	0.00200	0.41715	0.03469	0.00927	19	1.55	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.50000	0.02000	0.41715	0.03469	0.00927	19	2.39	10%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.38150	0.00500				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.32000	0.00200	0.37008	0.03701	0.03883	6	-1.35	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.34650	0.00900	0.37008	0.03701	0.03883	6	-0.64	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.37000	0.02000	0.37008	0.03701	0.03883	6	0.00	0%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.37750	0.05700	0.37008	0.03701	0.03883	6	0.20	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.40150	0.13500	0.37008	0.03701	0.03883	6	0.85	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.40500	0.01000	0.37008	0.03701	0.03883	6	0.94	5%	0
131.99	Methionine, Miscellaneous (%)	0904	0.41000	0.04000				2			0
131.99	Methionine, Miscellaneous (%)	0226	0.71500	0.09000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.81250	0.01700	0.89082	0.03058	0.01495	17	-2.56	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.86000	0.02000	0.89082	0.03058	0.01495	17	-1.01	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.86250	0.00100	0.89082	0.03058	0.01495	17	-0.93	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.86750	0.00500	0.89082	0.03058	0.01495	17	-0.76	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.87000	0.00000	0.89082	0.03058	0.01495	17	-0.68	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.88050	0.00500	0.89082	0.03058	0.01495	17	-0.34	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.88500	0.01000	0.89082	0.03058	0.01495	17	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.88500	0.03000	0.89082	0.03058	0.01495	17	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.89082	0.03058	0.01495	17	-0.19	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.88650	0.01100	0.89082	0.03058	0.01495	17	-0.14	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.89335	0.01510	0.89082	0.03058	0.01495	17	0.08	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.89850	0.01500	0.89082	0.03058	0.01495	17	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.91000	0.00000	0.89082	0.03058	0.01495	17	0.63	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.91300	0.00800	0.89082	0.03058	0.01495	17	0.73	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.92900	0.02400	0.89082	0.03058	0.01495	17	1.25	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.93650	0.03300	0.89082	0.03058	0.01495	17	1.49	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.0650	0.05000	0.89082	0.03058	0.01495	17	5.70	10%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.88000	0.02600				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	
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.80750	0.03100	0.88910	0.05731	0.01420	5	-1.42	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.86800	0.02000	0.88910	0.05731	0.01420	5	-0.37	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.88500	0.01000	0.88910	0.05731	0.01420	5	-0.07	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.93000	0.00000	0.88910	0.05731	0.01420	5	0.71	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	0.95500	0.01000	0.88910	0.05731	0.01420	5	1.15	4%	0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.88000	0.08000				2			0
132.99	Phenylalanine, Miscellaneous (%)	0226	1.8650	0.03000				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.2850	0.05200	1.3685	0.05832	0.02550	17	-1.43	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.2940	0.00200	1.3685	0.05832	0.02550	17	-1.28	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.3100	0.00000	1.3685	0.05832	0.02550	17	-1.00	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.3200	0.00000	1.3685	0.05832	0.02550	17	-0.83	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.3245	0.01300	1.3685	0.05832	0.02550	17	-0.75	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.3500	0.00000	1.3685	0.05832	0.02550	17	-0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.3590	0.01000	1.3685	0.05832	0.02550	17	-0.16	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.3645	0.04100	1.3685	0.05832	0.02550	17	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.3670	0.00200	1.3685	0.05832	0.02550	17	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.3700	0.04000	1.3685	0.05832	0.02550	17	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.3800	0.14350	1.3685	0.05832	0.02550	17	0.20	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.3950	0.01000	1.3685	0.05832	0.02550	17	0.45	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.4000	0.02000	1.3685	0.05832	0.02550	17	0.54	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.4100	0.05000	1.3685	0.05832	0.02550	17	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.4300	0.01000	1.3685	0.05832	0.02550	17	1.05	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.4500	0.00000	1.3685	0.05832	0.02550	17	1.40	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.4700	0.04000	1.3685	0.05832	0.02550	17	1.74	4%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.3165	0.02500	1.3645	0.04024	0.02420	5	-1.19	2%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.3450	0.01000	1.3645	0.04024	0.02420	5	-0.48	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.3500	0.02000	1.3645	0.04024	0.02420	5	-0.36	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.3950	0.03000	1.3645	0.04024	0.02420	5	0.76	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.4160	0.03600	1.3645	0.04024	0.02420	5	1.28	2%	0
133.99	Proline, Miscellaneous (%)	0904	1.4500	0.02000				2			0
133.99	Proline, Miscellaneous (%)	0226	2.8650	0.07000				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.72500	0.05000	0.86544	0.02845	0.01619	17	-4.94	8%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.83500	0.00800	0.86544	0.02845	0.01619	17	-1.07	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.84000	0.03800	0.86544	0.02845	0.01619	17	-0.89	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.84500	0.01000	0.86544	0.02845	0.01619	17	-0.72	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.85050	0.00900	0.86544	0.02845	0.01619	17	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.85200	0.00200	0.86544	0.02845	0.01619	17	-0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.85300	0.02400	0.86544	0.02845	0.01619	17	-0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.85500	0.01000	0.86544	0.02845	0.01619	17	-0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.86500	0.01200	0.86544	0.02845	0.01619	17	-0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.86500	0.01000	0.86544	0.02845	0.01619	17	-0.02	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.87150	0.01300	0.86544	0.02845	0.01619	17	0.21	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.87650	0.00300	0.86544	0.02845	0.01619	17	0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.88000	0.02000	0.86544	0.02845	0.01619	17	0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.88500	0.03000	0.86544	0.02845	0.01619	17	0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.90000	0.00000	0.86544	0.02845	0.01619	17	1.21	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.91510	0.02420	0.86544	0.02845	0.01619	17	1.75	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.92100	0.01200	0.86544	0.02845	0.01619	17	1.95	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.83100	0.01200				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.81000	0.04000	0.86270	0.04750	0.01580	5	-1.11	3%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.83500	0.01000	0.86270	0.04750	0.01580	5	-0.58	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.84450	0.00700	0.86270	0.04750	0.01580	5	-0.38	1%	0
134.05	Serine, Pre-col AQC Der (%)	0939	0.90000	0.00000	0.86270	0.04750	0.01580	5	0.79	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.92400	0.02200	0.86270	0.04750	0.01580	5	1.29	4%	0
134.99	Serine, Miscellaneous (%)	0904	0.85000	0.00000				2			0
134.99	Serine, Miscellaneous (%)	0226	2.1400	0.08000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.66000	0.00000	0.68700	0.01935	0.00659	17	-1.40	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.67000	0.00000	0.68700	0.01935	0.00659	17	-0.88	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.67050	0.01900	0.68700	0.01935	0.00659	17	-0.85	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.67150	0.02300	0.68700	0.01935	0.00659	17	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.67500	0.01000	0.68700	0.01935	0.00659	17	-0.62	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.67600	0.00000	0.68700	0.01935	0.00659	17	-0.57	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.67750	0.00100	0.68700	0.01935	0.00659	17	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.68200	0.00000	0.68700	0.01935	0.00659	17	-0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.68300	0.00800	0.68700	0.01935	0.00659	17	-0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.69000	0.00000	0.68700	0.01935	0.00659	17	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.69000	0.00000	0.68700	0.01935	0.00659	17	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.69200	0.00400	0.68700	0.01935	0.00659	17	0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.69500	0.01000	0.68700	0.01935	0.00659	17	0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.69950	0.00100	0.68700	0.01935	0.00659	17	0.65	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.71500	0.01000	0.68700	0.01935	0.00659	17	1.45	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.73450	0.00100	0.68700	0.01935	0.00659	17	2.45	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.73700	0.02500	0.68700	0.01935	0.00659	17	2.58	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.68800	0.03200				1			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.63650	0.00700	0.66590	0.02066	0.00660	5	-1.42	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.65800	0.01600	0.66590	0.02066	0.00660	5	-0.38	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.66500	0.01000	0.66590	0.02066	0.00660	5	-0.04	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.68000	0.00000	0.66590	0.02066	0.00660	5	0.68	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.69000	0.00000	0.66590	0.02066	0.00660	5	1.17	2%	0
135.99	Threonine, Miscellaneous (%)	0904	0.69500	0.01000				2			0
135.99	Threonine, Miscellaneous (%)	0226	1.4950	0.01000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.18500	0.01000	0.24280	0.09358	0.01272	5	-1.07	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.19350	0.01700	0.24280	0.09358	0.01272	5	-0.51	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.20700	0.02360	0.24280	0.09358	0.01272	5	0.37	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.22000	0.00000	0.24280	0.09358	0.01272	5	1.21	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.40850	0.01300	0.24280	0.09358	0.01272	5	13.48	51%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.18900	0.00000				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.20000	0.00000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.18750	0.00300				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.17550	0.00500				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.18650	0.00300				3			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.19100	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0904	0.18000	0.00000	0.25375	0.10843	0.00750	4	-1.15	5%	0
136.99	Tryptophan, Miscellaneous (%)	0610	0.21000	0.00000	0.25375	0.10843	0.00750	4	0.58	3%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.21000	0.02000	0.25375	0.10843	0.00750	4	0.58	3%	0
136.99	Tryptophan, Miscellaneous (%)	0226	0.41500	0.01000	0.25375	0.10843	0.00750	4	12.41	54%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.56000	0.00000	0.62282	0.04219	0.01778	13	-1.49	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.57500	0.01000	0.62282	0.04219	0.01778	13	-1.13	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.57500	0.05000	0.62282	0.04219	0.01778	13	-1.13	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.60250	0.02700	0.62282	0.04219	0.01778	13	-0.48	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.60500	0.01000	0.62282	0.04219	0.01778	13	-0.42	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.62000	0.00000	0.62282	0.04219	0.01778	13	-0.07	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.62515	0.00010	0.62282	0.04219	0.01778	13	0.06	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.64500	0.09000	0.62282	0.04219	0.01778	13	0.53	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.64550	0.01100	0.62282	0.04219	0.01778	13	0.54	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.64650	0.00300	0.62282	0.04219	0.01778	13	0.56	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.65250	0.02100	0.62282	0.04219	0.01778	13	0.70	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.66950	0.00900	0.62282	0.04219	0.01778	13	1.11	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.67500	0.00000	0.62282	0.04219	0.01778	13	1.24	4%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.63050	0.03500				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.56700	0.02000	0.67090	0.09416	0.02100	5	-1.10	8%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.60750	0.02500	0.67090	0.09416	0.02100	5	-0.67	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.65500	0.03000	0.67090	0.09416	0.02100	5	-0.17	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.72000	0.02000	0.67090	0.09416	0.02100	5	0.52	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.80500	0.01000	0.67090	0.09416	0.02100	5	1.42	10%	0
137.99	Tyrosine, Miscellaneous (%)	0904	0.67000	0.04000				2			0
137.99	Tyrosine, Miscellaneous (%)	0226	1.5150	0.17000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.77450	0.02100	0.87749	0.04437	0.01304	17	-2.32	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.81200	0.01200	0.87749	0.04437	0.01304	17	-1.48	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.83000	0.00000	0.87749	0.04437	0.01304	17	-1.07	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.85000	0.02000	0.87749	0.04437	0.01304	17	-0.62	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.85200	0.01800	0.87749	0.04437	0.01304	17	-0.57	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.85350	0.00100	0.87749	0.04437	0.01304	17	-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	
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.86685	0.00770	0.87749	0.04437	0.01304	17	-0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.87500	0.03000	0.87749	0.04437	0.01304	17	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.87650	0.01700	0.87749	0.04437	0.01304	17	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.88850	0.00100	0.87749	0.04437	0.01304	17	0.25	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.88900	0.00000	0.87749	0.04437	0.01304	17	0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.90600	0.00400	0.87749	0.04437	0.01304	17	0.64	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.90700	0.01000	0.87749	0.04437	0.01304	17	0.67	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.91000	0.02000	0.87749	0.04437	0.01304	17	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.92500	0.01000	0.87749	0.04437	0.01304	17	1.07	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.92500	0.01000	0.87749	0.04437	0.01304	17	1.07	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.94000	0.04000	0.87749	0.04437	0.01304	17	1.41	4%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.89150	0.00100				1			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.74300	0.01400	0.85370	0.07894	0.01260	5	-1.40	6%	0
138.05	Valine, Pre-col AQC Der (%)	0939	0.82500	0.01000	0.85370	0.07894	0.01260	5	-0.36	2%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.87000	0.00000	0.85370	0.07894	0.01260	5	0.21	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.87050	0.01900	0.85370	0.07894	0.01260	5	0.21	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.96000	0.02000	0.85370	0.07894	0.01260	5	1.35	6%	0
138.99	Valine, Miscellaneous (%)	0226	1.6950	0.33000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.11500	0.01000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.15000	0.00000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.15700	0.00400	0.42800	0.45925	0.01850	4	-1.01	11%	0
160.99	Fructose, Miscellaneous (%)	0861	0.20000	0.00000	0.42800	0.45925	0.01850	4	0.02	0%	0
160.99	Fructose, Miscellaneous (%)	0921	0.24000	0.04000	0.42800	0.45925	0.01850	4	0.99	10%	0
160.99	Fructose, Miscellaneous (%)	0889	1.1150	0.03000	0.42800	0.45925	0.01850	4	22.07	230%	0
162.99	Glucose, Miscellaneous (%)	0889	0.14000	0.00000	0.38213	0.27782	0.06075	4	-0.61	29%	0
162.99	Glucose, Miscellaneous (%)	0619	0.15850	0.00300	0.38213	0.27782	0.06075	4	-0.55	26%	0
162.99	Glucose, Miscellaneous (%)	0921	0.53000	0.24000	0.38213	0.27782	0.06075	4	0.62	30%	0
162.99	Glucose, Miscellaneous (%)	0629	0.70000	0.00000	0.38213	0.27782	0.06075	4	1.15	55%	0
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000	0.38213	0.27782	0.06075	4			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0921	0.75000	0.04000				1			0
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	0889	0.15000	0.02000	1.1090	0.53814	0.01800	5	-22.17	44%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.2750	0.05000	1.1090	0.53814	0.01800	5	-1.36	3%	0
165.99	Sucrose, Miscellaneous (%)	0227	1.3450	0.01000	1.1090	0.53814	0.01800	5	-0.07	0%	0
165.99	Sucrose, Miscellaneous (%)	0619	1.3750	0.01000	1.1090	0.53814	0.01800	5	0.49	1%	0
165.99	Sucrose, Miscellaneous (%)	0861	1.4000	0.00000	1.1090	0.53814	0.01800	5	0.95	2%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.28000	0.02000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.36500	0.00200				2			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			
167.99	Stachyose, Miscellaneous (%)	0227	0.20500	0.01000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	0.29900	0.00000				2			0
314.04	Semduramicin sodium, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
317.05	Maduramicin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0036	15.650	0.50000				1			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0218	1.3000	0.00000				2			0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0038	52.895	7.5900				2			0
345.03	Amprolium, LC-MS (mg/kg (ppm))	2053	1.8200	0.06000				1			0
345.04	Amprolium, LC-MS/MS (mg/kg (ppm))	0875	1.5500	0.10000				1			0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0038	0.49020	0.20360				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2127	1.0200	0.20000				1			0
354.01	Decoquinatate, LC (UV or FL) (mg/kg (ppm))	0218	1.0000	0.00000				2			0
354.01	Decoquinatate, LC (UV or FL) (mg/kg (ppm))	0027	1.4285	0.11500				2			0
354.02	Decoquinatate, LC (mg/kg (ppm))	0964	0.77130	0.11060				3			0
354.02	Decoquinatate, LC (mg/kg (ppm))	0038	0.97200	0.07600				3			0
354.02	Decoquinatate, LC (mg/kg (ppm))	0036	1.0500	0.10000				3			0
354.04	Decoquinatate, LC-MS/MS (mg/kg (ppm))	2127	0.79900	0.05200	0.87875	0.05373	0.02995	4	-1.48	5%	0
354.04	Decoquinatate, LC-MS/MS (mg/kg (ppm))	2135	0.89600	0.00780	0.87875	0.05373	0.02995	4	0.32	1%	0
354.04	Decoquinatate, LC-MS/MS (mg/kg (ppm))	0610	0.90500	0.01000	0.87875	0.05373	0.02995	4	0.49	1%	0
354.04	Decoquinatate, LC-MS/MS (mg/kg (ppm))	0875	0.91500	0.05000	0.87875	0.05373	0.02995	4	0.67	2%	0
355.03	Erythromycin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
357.01	Ethoxyquin, LC (mg/kg (ppm))	0227	1.0000	0.00000				2			0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0939	1.1050	0.05000				2			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0027	0.88075	0.07270				1			0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	2149	0.80000	0.00000				2			0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0038	0.89415	0.03830				2			0
361.04	Lasalocid sodium, LC-MS (mg/kg (ppm))	2053	1.1200	0.04000				1			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2127	0.18600	0.05800	0.66932	0.27359	0.04188	5	-12.15	38%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0610	0.72500	0.07000	0.66932	0.27359	0.04188	5	-1.31	4%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0218	0.79000	0.02000	0.66932	0.27359	0.04188	5	0.00	0%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0875	0.80000	0.00000	0.66932	0.27359	0.04188	5	0.20	1%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2135	0.84560	0.06140	0.66932	0.27359	0.04188	5	1.12	4%	0
363.03	Lincomycin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
370.03	Novobiocin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	1.6500	0.10000				1			0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0038	1.5805	2.3990				1			0
373.05	Oxytetracycline, LC-MS (mg/kg (ppm))	2053	2.9500	0.10000				1			0
379.05	Salinomycin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
388.03	Tylosin, LC (mg/kg (ppm))	0038	0.81300	0.04200				1			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0218	0.45000	0.08000				2			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0875	1.2000	0.40000				2			0
389.03	Virginiamycin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
391.03	Narasin, LC-MS/MS (mg/kg (ppm))	0218	0.00000	0.00000				0			4
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.57850	0.00500	0.59153	0.01811	0.00195	6	-0.72	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.57900	0.00200	0.59153	0.01811	0.00195	6	-0.69	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.58000	0.00020	0.59153	0.01811	0.00195	6	-0.64	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.58850	0.00300	0.59153	0.01811	0.00195	6	-0.17	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.61055	0.00030	0.59153	0.01811	0.00195	6	1.05	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.61260	0.00120	0.59153	0.01811	0.00195	6	1.16	2%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.58600	0.00400				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.61450	0.01700				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.13000	0.00000				1			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				0			4
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.12680	0.00720				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.15500	0.05000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	0.12000	0.00000	0.15147	0.02972	0.00862	6	-1.06	10%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.13300	0.00000	0.15147	0.02972	0.00862	6	-0.62	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.14550	0.01900	0.15147	0.02972	0.00862	6	-0.20	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15425	0.00070	0.15147	0.02972	0.00862	6	0.09	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0021	0.16000	0.02000	0.15147	0.02972	0.00862	6	0.29	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.21800	0.01200	0.15147	0.02972	0.00862	6	2.24	22%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.04950	0.00100				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.06500	0.01000				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.07000	0.00000				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				1			4
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.06000	0.00000				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.06210	0.00400				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0021	0.05500	0.01000	0.06141	0.00606	0.00282	6	-1.06	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.05650	0.00300	0.06141	0.00606	0.00282	6	-0.81	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.06000	0.00000	0.06141	0.00606	0.00282	6	-0.23	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.06245	0.00270	0.06141	0.00606	0.00282	6	0.17	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.06550	0.00120	0.06141	0.00606	0.00282	6	0.68	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.06900	0.00000	0.06141	0.00606	0.00282	6	1.25	6%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	4.0450	0.17000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	5.8000	0.40000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	7.6150	0.65000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	9.6400	4.1200				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0096	11.311	8.7819				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	3.8300	0.00000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	7.2950	0.35000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				2			4

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0096	12.646	1.7065				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7019	0.36150	7.4292	6.0561	1.5479	4	-0.95	39%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0199	3.4900	0.08000	7.4292	6.0561	1.5479	4	-0.65	27%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	9.5250	1.7500	7.4292	6.0561	1.5479	4	0.35	14%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0021	15.000	4.0000	7.4292	6.0561	1.5479	4	1.25	51%	0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.20000	0.00000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.00000	0.00000				1			4
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				0			4
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.18095	0.00750				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.20000	0.02000				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.17000	0.00000	0.19413	0.01822	0.00857	6	-1.32	6%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.18000	0.00200	0.19413	0.01822	0.00857	6	-0.78	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0021	0.19500	0.01000	0.19413	0.01822	0.00857	6	0.05	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.20130	0.02240	0.19413	0.01822	0.00857	6	0.39	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.20900	0.00400	0.19413	0.01822	0.00857	6	0.82	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.20950	0.01300	0.19413	0.01822	0.00857	6	0.84	4%	0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0941	1.2000	0.00000				1			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.3500	0.10000				1			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	2.4200	0.14000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0021	1.6000	3.2000				0			4
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0096	2.9774	0.23100				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0941	1.4150	0.01000	2.3552	1.0810	0.20883	4	-0.87	20%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.4657	0.16530	2.3552	1.0810	0.20883	4	-0.82	19%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	2.9900	0.56000	2.3552	1.0810	0.20883	4	0.59	13%	0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0021	3.5500	0.10000	2.3552	1.0810	0.20883	4	1.11	25%	0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.01095	0.00010				1			0
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0619	0.00085	0.00010				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hy	0619	0.01955	0.00070				1			0
708.01	Capric acid (10:0), Direct Methylation by Alkali Hy	0619	0.02390	0.00060				1			0
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hy	0619	0.04810	0.00140				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.05350	0.00100				1			0
714.01	Myristic Acid (14:0), Direct Methylation by Alkali H	0619	0.03335	0.00070				1			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali H	0619	0.77940	0.00220				1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0619	0.02730	0.00040				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.01100	0.00000				1			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hy	0619	0.08110	0.00120				1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali H	0619	1.2525	0.00700				1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by	0619	1.8142	0.02070				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	0676	2.4275	0.01500				1			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	0619	0.77615	0.00130				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.80700	0.01200				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			
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali	0619	0.03715	0.00070				1		0	
732.01	Gondoic Acid (11c-20:1), Direct Methylation by All	0619	0.03615	0.00090				1		0	
736.01	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Metl	0619	0.00000	0.00000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.00000	0.00000				0		4	
738.01	Mead Acid (11c,14c,17c-20:3), Direct Methylation	0619	0.00000	0.00000				0		4	
740.01	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0619	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5)	0676	0.04200	0.00000				1		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkali	0619	0.00000	0.00000				0		4	
746.01	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0619	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c	0676	0.00000	0.00000				0		4	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0619	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22c)	0676	0.00000	0.00000				0		4	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation by Alkali	0619	0.00000	0.00000				0		4	
754.01	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Alkali	0904	0.88500	0.01000				1		0	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Alkali	0610	0.72500	0.07000				2		0	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Alkali	0675	0.86500	0.01000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Alkali	0629	0.73000	0.00400				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Alkali	0676	0.85500	0.01000				2		0	
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by Alkali	0610	2.5250	0.31000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by Alkali	0676	2.4300	0.02000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by Alkali	0629	2.5345	0.00100				2		0	
758.02	Total Saturated Fatty Acids, Direct Methylation by Alkali	0921	17.070	0.00000				1		0	
762.01	Total Monounsaturated Fatty Acids, Direct Methylation by Alkali	0921	25.460	0.00000				1		0	
766.01	Total Polyunsaturated Fatty Acids, Direct Methylation by Alkali	0921	57.430	0.00000				1		0	

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