

Equine Feed

Animal Feed Scheme

Labs Reporting: 199

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	0.60000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	8.4400	0.24000	9.2034	0.59261	0.16717	6	-1.29	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.6550	0.51000	9.2034	0.59261	0.16717	6	-0.93	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.3805	0.06300	9.2034	0.59261	0.16717	6	0.30	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.5100	0.02000	9.2034	0.59261	0.16717	6	0.52	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.5350	0.01000	9.2034	0.59261	0.16717	6	0.56	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.7000	0.16000	9.2034	0.59261	0.16717	6	0.84	3%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	9.1750	0.01000	9.2529	0.07862	0.05143	7	-0.99	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.1900	0.10000	9.2529	0.07862	0.05143	7	-0.80	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.2050	0.01000	9.2529	0.07862	0.05143	7	-0.61	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.2450	0.13000	9.2529	0.07862	0.05143	7	-0.10	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	9.2700	0.06000	9.2529	0.07862	0.05143	7	0.22	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.3350	0.01000	9.2529	0.07862	0.05143	7	1.04	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	9.3500	0.04000	9.2529	0.07862	0.05143	7	1.24	1%	0
001.05	Loss on Drying, LECO (%)	0644	9.2500	0.00000				2			0
001.05	Loss on Drying, LECO (%)	0610	9.4950	0.05000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.3600	0.52000	9.2769	0.26295	0.16467	39	-3.49	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.5100	0.04000	9.2769	0.26295	0.16467	39	-2.92	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.6535	0.08440	9.2769	0.26295	0.16467	39	-2.37	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.7500	0.30000	9.2769	0.26295	0.16467	39	-2.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.9350	0.23000	9.2769	0.26295	0.16467	39	-1.30	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.0000	0.02000	9.2769	0.26295	0.16467	39	-1.05	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0870	9.0711	0.28190	9.2769	0.26295	0.16467	39	-0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.1300	0.00000	9.2769	0.26295	0.16467	39	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.1300	0.00000	9.2769	0.26295	0.16467	39	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.1400	0.14000	9.2769	0.26295	0.16467	39	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.1600	0.64000	9.2769	0.26295	0.16467	39	-0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.1800	0.02000	9.2769	0.26295	0.16467	39	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.2100	0.00000	9.2769	0.26295	0.16467	39	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.2150	0.07000	9.2769	0.26295	0.16467	39	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.2300	0.00000	9.2769	0.26295	0.16467	39	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.2300	0.40000	9.2769	0.26295	0.16467	39	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.2400	0.04000	9.2769	0.26295	0.16467	39	-0.14	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.2400	0.02000	9.2769	0.26295	0.16467	39	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.2450	0.01000	9.2769	0.26295	0.16467	39	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.2500	0.14000	9.2769	0.26295	0.16467	39	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.2650	0.03000	9.2769	0.26295	0.16467	39	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.2750	0.03000	9.2769	0.26295	0.16467	39	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.2800	0.00000	9.2769	0.26295	0.16467	39	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.3000	0.06000	9.2769	0.26295	0.16467	39	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.3000	0.00000	9.2769	0.26295	0.16467	39	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.3050	0.67000	9.2769	0.26295	0.16467	39	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	9.3250	0.05000	9.2769	0.26295	0.16467	39	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.3800	0.04000	9.2769	0.26295	0.16467	39	0.39	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.3950	0.11000	9.2769	0.26295	0.16467	39	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.4080	0.00140	9.2769	0.26295	0.16467	39	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.4400	0.34000	9.2769	0.26295	0.16467	39	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.4850	0.11000	9.2769	0.26295	0.16467	39	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.5000	0.32450	9.2769	0.26295	0.16467	39	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.6500	0.70000	9.2769	0.26295	0.16467	39	1.42	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.6750	0.01000	9.2769	0.26295	0.16467	39	1.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.7250	0.45000	9.2769	0.26295	0.16467	39	1.70	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	9.8550	0.37000	9.2769	0.26295	0.16467	39	2.20	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.365	0.03000	9.2769	0.26295	0.16467	39	4.14	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	11.050	0.14000	9.2769	0.26295	0.16467	39	6.74	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	2.9350	0.45000	9.2769	0.26295	0.16467	39	-24.12	34%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.0900	0.02000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.2500	0.10000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.7500	0.22000	9.1586	0.48190	0.11821	22	-2.92	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	8.3300	0.24000	9.1586	0.48190	0.11821	22	-1.72	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.6100	0.26000	9.1586	0.48190	0.11821	22	-1.14	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.6250	0.01000	9.1586	0.48190	0.11821	22	-1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.6900	0.32000	9.1586	0.48190	0.11821	22	-0.97	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	8.9100	0.02000	9.1586	0.48190	0.11821	22	-0.52	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.9200	0.08000	9.1586	0.48190	0.11821	22	-0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.9450	0.11000	9.1586	0.48190	0.11821	22	-0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.9500	0.10000	9.1586	0.48190	0.11821	22	-0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.0400	0.22000	9.1586	0.48190	0.11821	22	-0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.2350	0.05000	9.1586	0.48190	0.11821	22	0.16	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.3000	0.00000	9.1586	0.48190	0.11821	22	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	9.3350	0.31000	9.1586	0.48190	0.11821	22	0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	9.4200	0.06000	9.1586	0.48190	0.11821	22	0.54	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.4450	0.15000	9.1586	0.48190	0.11821	22	0.59	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.4500	0.30000	9.1586	0.48190	0.11821	22	0.60	2%	0

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001.99	Loss on Drying, Miscellaneous (%)	0912	9.4850	0.05000	9.1586	0.48190	0.11821	22	0.68	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	9.5050	0.01000	9.1586	0.48190	0.11821	22	0.72	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.5176	0.00070	9.1586	0.48190	0.11821	22	0.74	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.5800	0.02000	9.1586	0.48190	0.11821	22	0.87	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.8250	0.03000	9.1586	0.48190	0.11821	22	1.38	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.8300	0.04000	9.1586	0.48190	0.11821	22	1.39	4%	0
002.00	Protein, Crude (%)	0169	16.975	0.11000				2			0
002.00	Protein, Crude (%)	0940	17.450	0.00000				2			0
002.01	Protein, Auto Kjehl-Foss (%)	0062	16.892	0.04100	17.155	0.17405	0.05215	13	-1.51	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	16.935	0.01000	17.155	0.17405	0.05215	13	-1.26	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	16.998	0.04600	17.155	0.17405	0.05215	13	-0.90	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	17.040	0.02000	17.155	0.17405	0.05215	13	-0.66	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	17.100	0.00000	17.155	0.17405	0.05215	13	-0.32	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0910	17.150	0.10000	17.155	0.17405	0.05215	13	-0.03	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0028	17.165	0.17000	17.155	0.17405	0.05215	13	0.06	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	17.215	0.09000	17.155	0.17405	0.05215	13	0.35	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	17.225	0.05000	17.155	0.17405	0.05215	13	0.40	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	17.275	0.01000	17.155	0.17405	0.05215	13	0.69	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	17.317	0.04100	17.155	0.17405	0.05215	13	0.93	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	17.350	0.10000	17.155	0.17405	0.05215	13	1.12	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	17.350	0.00000	17.155	0.17405	0.05215	13	1.12	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	2149	17.085	0.07000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	17.260	0.12000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	17.416	0.02860				3			0
002.03	Protein, Hach Method (%)	0536	18.860	0.14000				1			0
002.04	Protein, Copper Catalyst (%)	0874	17.015	0.37000	17.228	0.15058	0.19500	4	-1.41	1%	0
002.04	Protein, Copper Catalyst (%)	0728	17.255	0.05000	17.228	0.15058	0.19500	4	0.18	0%	0
002.04	Protein, Copper Catalyst (%)	0187	17.270	0.18000	17.228	0.15058	0.19500	4	0.28	0%	0
002.04	Protein, Copper Catalyst (%)	0504	17.370	0.18000	17.228	0.15058	0.19500	4	0.95	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	16.790	0.20000	17.293	0.18461	0.09852	34	-2.72	1%	0
002.05	Protein, Copper, Boric Acid (%)	0651	16.919	0.03200	17.293	0.18461	0.09852	34	-2.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0354	17.045	0.01000	17.293	0.18461	0.09852	34	-1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	17.070	0.02000	17.293	0.18461	0.09852	34	-1.21	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	17.075	0.03000	17.293	0.18461	0.09852	34	-1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	17.075	0.19000	17.293	0.18461	0.09852	34	-1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	2068	17.095	0.03000	17.293	0.18461	0.09852	34	-1.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	17.100	0.10000	17.293	0.18461	0.09852	34	-1.04	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	17.116	0.05850	17.293	0.18461	0.09852	34	-0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	17.150	0.30000	17.293	0.18461	0.09852	34	-0.77	0%	0
002.05	Protein, Copper, Boric Acid (%)	2145	17.190	0.06000	17.293	0.18461	0.09852	34	-0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	17.200	0.00000	17.293	0.18461	0.09852	34	-0.50	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0939	17.255	0.11000	17.293	0.18461	0.09852	34	-0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	17.293	0.02500	17.293	0.18461	0.09852	34	0.00	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	17.335	0.01000	17.293	0.18461	0.09852	34	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	17.340	0.18000	17.293	0.18461	0.09852	34	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	17.340	0.16000	17.293	0.18461	0.09852	34	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	17.350	0.00000	17.293	0.18461	0.09852	34	0.31	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	17.359	0.04110	17.293	0.18461	0.09852	34	0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	17.368	0.26480	17.293	0.18461	0.09852	34	0.41	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	17.393	0.08600	17.293	0.18461	0.09852	34	0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	17.395	0.01000	17.293	0.18461	0.09852	34	0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	17.400	0.10000	17.293	0.18461	0.09852	34	0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	17.400	0.20000	17.293	0.18461	0.09852	34	0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	17.405	0.01000	17.293	0.18461	0.09852	34	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	17.405	0.07000	17.293	0.18461	0.09852	34	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	17.405	0.03000	17.293	0.18461	0.09852	34	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	17.415	0.13000	17.293	0.18461	0.09852	34	0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0852	17.425	0.17000	17.293	0.18461	0.09852	34	0.72	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	17.439	0.06240	17.293	0.18461	0.09852	34	0.79	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	17.470	0.18000	17.293	0.18461	0.09852	34	0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	0937	17.500	0.02000	17.293	0.18461	0.09852	34	1.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	2146	17.540	0.24000	17.293	0.18461	0.09852	34	1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	17.730	0.22000	17.293	0.18461	0.09852	34	2.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	16.255	0.45000	17.596	0.27960	0.16690	122	-4.80	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	16.560	0.38000	17.596	0.27960	0.16690	122	-3.71	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	16.710	0.54000	17.596	0.27960	0.16690	122	-3.17	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	16.995	0.15000	17.596	0.27960	0.16690	122	-2.15	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	17.070	0.16000	17.596	0.27960	0.16690	122	-1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	17.100	0.32000	17.596	0.27960	0.16690	122	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	17.100	0.20000	17.596	0.27960	0.16690	122	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	17.112	0.45200	17.596	0.27960	0.16690	122	-1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	17.125	0.01000	17.596	0.27960	0.16690	122	-1.69	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	17.200	0.40000	17.596	0.27960	0.16690	122	-1.42	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	17.220	0.14000	17.596	0.27960	0.16690	122	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	17.240	0.19400	17.596	0.27960	0.16690	122	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	17.247	0.23400	17.596	0.27960	0.16690	122	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	17.250	0.25000	17.596	0.27960	0.16690	122	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	17.270	0.16000	17.596	0.27960	0.16690	122	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	17.290	0.26000	17.596	0.27960	0.16690	122	-1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	17.295	0.03000	17.596	0.27960	0.16690	122	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	17.320	0.04000	17.596	0.27960	0.16690	122	-0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	17.350	0.10000	17.596	0.27960	0.16690	122	-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 (%)	0278	17.350	0.10000	17.596	0.27960	0.16690	122	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	17.350	0.10000	17.596	0.27960	0.16690	122	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	17.350	0.10000	17.596	0.27960	0.16690	122	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	17.353	0.09500	17.596	0.27960	0.16690	122	-0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	17.365	0.15000	17.596	0.27960	0.16690	122	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	17.372	0.30810	17.596	0.27960	0.16690	122	-0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	17.380	0.08500	17.596	0.27960	0.16690	122	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	17.381	0.11300	17.596	0.27960	0.16690	122	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	17.390	0.28000	17.596	0.27960	0.16690	122	-0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	17.398	0.06000	17.596	0.27960	0.16690	122	-0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	17.400	0.20000	17.596	0.27960	0.16690	122	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	17.400	0.00000	17.596	0.27960	0.16690	122	-0.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	17.405	0.07000	17.596	0.27960	0.16690	122	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	17.405	0.07000	17.596	0.27960	0.16690	122	-0.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	17.415	0.17000	17.596	0.27960	0.16690	122	-0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	17.415	0.09000	17.596	0.27960	0.16690	122	-0.65	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	17.430	0.04000	17.596	0.27960	0.16690	122	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	17.430	0.00000	17.596	0.27960	0.16690	122	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	17.430	0.16000	17.596	0.27960	0.16690	122	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	17.450	0.10000	17.596	0.27960	0.16690	122	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	17.450	0.06000	17.596	0.27960	0.16690	122	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	17.450	0.48000	17.596	0.27960	0.16690	122	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	17.475	0.43000	17.596	0.27960	0.16690	122	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	17.485	0.17000	17.596	0.27960	0.16690	122	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	17.498	0.11250	17.596	0.27960	0.16690	122	-0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	17.500	0.00000	17.596	0.27960	0.16690	122	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	17.505	0.01000	17.596	0.27960	0.16690	122	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	17.510	0.08000	17.596	0.27960	0.16690	122	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	17.510	0.12000	17.596	0.27960	0.16690	122	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	17.515	0.03000	17.596	0.27960	0.16690	122	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	17.515	0.21000	17.596	0.27960	0.16690	122	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	17.525	0.01000	17.596	0.27960	0.16690	122	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	17.530	0.06000	17.596	0.27960	0.16690	122	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	17.535	0.01000	17.596	0.27960	0.16690	122	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	17.547	0.05000	17.596	0.27960	0.16690	122	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	17.550	0.10000	17.596	0.27960	0.16690	122	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	17.550	0.10000	17.596	0.27960	0.16690	122	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	17.550	0.10000	17.596	0.27960	0.16690	122	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	17.555	0.13000	17.596	0.27960	0.16690	122	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	17.572	0.58200	17.596	0.27960	0.16690	122	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	17.575	0.13000	17.596	0.27960	0.16690	122	-0.08	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 (%)	0047	17.606	0.10900	17.596	0.27960	0.16690	122	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	17.610	0.22000	17.596	0.27960	0.16690	122	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	17.613	0.03300	17.596	0.27960	0.16690	122	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	17.615	0.13000	17.596	0.27960	0.16690	122	0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	17.620	0.00000	17.596	0.27960	0.16690	122	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	17.635	0.34900	17.596	0.27960	0.16690	122	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	17.640	0.34000	17.596	0.27960	0.16690	122	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	17.640	0.10000	17.596	0.27960	0.16690	122	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	17.650	0.04000	17.596	0.27960	0.16690	122	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	17.650	0.06000	17.596	0.27960	0.16690	122	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	17.655	0.49000	17.596	0.27960	0.16690	122	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	17.655	0.05000	17.596	0.27960	0.16690	122	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	17.675	0.05000	17.596	0.27960	0.16690	122	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	17.678	0.08800	17.596	0.27960	0.16690	122	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	17.685	0.05000	17.596	0.27960	0.16690	122	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	17.700	0.00000	17.596	0.27960	0.16690	122	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	17.700	0.04000	17.596	0.27960	0.16690	122	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	17.705	0.02810	17.596	0.27960	0.16690	122	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	17.705	0.03000	17.596	0.27960	0.16690	122	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	17.723	0.55900	17.596	0.27960	0.16690	122	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	17.725	0.01000	17.596	0.27960	0.16690	122	0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	17.730	0.16000	17.596	0.27960	0.16690	122	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	17.740	0.24000	17.596	0.27960	0.16690	122	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	17.745	0.05000	17.596	0.27960	0.16690	122	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	17.745	0.21000	17.596	0.27960	0.16690	122	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	17.750	0.10000	17.596	0.27960	0.16690	122	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	17.750	0.10000	17.596	0.27960	0.16690	122	0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	17.760	0.20000	17.596	0.27960	0.16690	122	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	17.770	0.02000	17.596	0.27960	0.16690	122	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	17.773	0.44200	17.596	0.27960	0.16690	122	0.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	17.775	0.27000	17.596	0.27960	0.16690	122	0.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	17.780	0.00000	17.596	0.27960	0.16690	122	0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	17.781	0.03600	17.596	0.27960	0.16690	122	0.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	17.795	0.03000	17.596	0.27960	0.16690	122	0.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	17.804	0.10630	17.596	0.27960	0.16690	122	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	17.820	0.08000	17.596	0.27960	0.16690	122	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	17.820	0.76000	17.596	0.27960	0.16690	122	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	17.820	0.04000	17.596	0.27960	0.16690	122	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	17.825	0.07000	17.596	0.27960	0.16690	122	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	17.825	0.45000	17.596	0.27960	0.16690	122	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	17.840	0.06000	17.596	0.27960	0.16690	122	0.87	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 (%)	0876	17.845	0.03000	17.596	0.27960	0.16690	122	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	17.870	0.30000	17.596	0.27960	0.16690	122	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	17.880	0.00000	17.596	0.27960	0.16690	122	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	17.895	0.16800	17.596	0.27960	0.16690	122	1.07	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	17.900	0.20000	17.596	0.27960	0.16690	122	1.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	17.910	0.04000	17.596	0.27960	0.16690	122	1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	17.911	0.09000	17.596	0.27960	0.16690	122	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	17.920	0.00000	17.596	0.27960	0.16690	122	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	17.940	0.02000	17.596	0.27960	0.16690	122	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	17.950	0.50000	17.596	0.27960	0.16690	122	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	17.984	0.06300	17.596	0.27960	0.16690	122	1.39	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	18.045	0.17000	17.596	0.27960	0.16690	122	1.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	18.065	0.05000	17.596	0.27960	0.16690	122	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	18.100	0.00000	17.596	0.27960	0.16690	122	1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	18.115	0.09000	17.596	0.27960	0.16690	122	1.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	18.150	0.00000	17.596	0.27960	0.16690	122	1.98	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	18.180	1.1200	17.596	0.27960	0.16690	122	2.09	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	18.190	0.00000	17.596	0.27960	0.16690	122	2.12	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	18.250	0.30000	17.596	0.27960	0.16690	122	2.34	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	18.259	0.52500	17.596	0.27960	0.16690	122	2.37	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	18.480	0.76000	17.596	0.27960	0.16690	122	3.16	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	18.800	2.7200	17.596	0.27960	0.16690	122	4.31	3%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	21.190	2.1200	17.596	0.27960	0.16690	122	12.85	10%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	24.400	0.40000	17.596	0.27960	0.16690	122	24.33	19%	2
002.08	Protein, Cu/Ti (%)	0563	16.556	0.29790				2			0
002.08	Protein, Cu/Ti (%)	0098	17.005	0.49000				2			0
002.10	Protein, Block dig/distillation (%)	0629	17.565	0.07000				1			0
002.11	Protein, NIR (%)	0852	15.495	0.07000	17.292	1.8082	0.04400	5	-0.99	5%	0
002.11	Protein, NIR (%)	2105	16.205	0.07000	17.292	1.8082	0.04400	5	-0.60	3%	0
002.11	Protein, NIR (%)	0297	16.280	0.04000	17.292	1.8082	0.04400	5	-0.56	3%	0
002.11	Protein, NIR (%)	2121	19.075	0.03000	17.292	1.8082	0.04400	5	0.99	5%	0
002.11	Protein, NIR (%)	2120	19.405	0.01000	17.292	1.8082	0.04400	5	1.17	6%	0
002.99	Protein, Miscellaneous (%)	0643	17.240	0.02000				2			0
002.99	Protein, Miscellaneous (%)	2004	17.650	0.10000				2			0
003.00	Fat, Eth Ext., Direct (%)	0142	5.6450	0.27000	8.3229	0.30849	0.10150	11	-8.68	16%	0
003.00	Fat, Eth Ext., Direct (%)	0885	7.7749	0.14340	8.3229	0.30849	0.10150	11	-1.78	3%	0
003.00	Fat, Eth Ext., Direct (%)	0026	8.1300	0.02000	8.3229	0.30849	0.10150	11	-0.63	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	8.2600	0.10000	8.3229	0.30849	0.10150	11	-0.20	0%	0
003.00	Fat, Eth Ext., Direct (%)	0017	8.3250	0.05000	8.3229	0.30849	0.10150	11	0.01	0%	0
003.00	Fat, Eth Ext., Direct (%)	0653	8.4150	0.01000	8.3229	0.30849	0.10150	11	0.30	1%	0
003.00	Fat, Eth Ext., Direct (%)	0596	8.4350	0.07000	8.3229	0.30849	0.10150	11	0.36	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	
003.00	Fat, Eth Ext., Direct (%)	0615	8.5100	0.16000	8.3229	0.30849	0.10150	11	0.61	1%	0
003.00	Fat, Eth Ext., Direct (%)	0309	8.5170	0.11310	8.3229	0.30849	0.10150	11	0.63	1%	0
003.00	Fat, Eth Ext., Direct (%)	0035	8.6050	0.17000	8.3229	0.30849	0.10150	11	0.91	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	8.6350	0.01000	8.3229	0.30849	0.10150	11	1.01	2%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	2.9150	0.19000				1			0
003.06	Fat, Pet Ether (%)	0169	7.9750	0.01000	8.3649	0.17496	0.10320	20	-2.23	2%	0
003.06	Fat, Pet Ether (%)	0294	8.1600	0.02000	8.3649	0.17496	0.10320	20	-1.17	1%	0
003.06	Fat, Pet Ether (%)	0552	8.1850	0.03000	8.3649	0.17496	0.10320	20	-1.03	1%	0
003.06	Fat, Pet Ether (%)	0297	8.1900	0.16000	8.3649	0.17496	0.10320	20	-1.00	1%	0
003.06	Fat, Pet Ether (%)	0849	8.2365	0.13300	8.3649	0.17496	0.10320	20	-0.73	1%	0
003.06	Fat, Pet Ether (%)	0300	8.2700	0.10000	8.3649	0.17496	0.10320	20	-0.54	1%	0
003.06	Fat, Pet Ether (%)	0511	8.2750	0.07000	8.3649	0.17496	0.10320	20	-0.51	1%	0
003.06	Fat, Pet Ether (%)	0083	8.2950	0.11000	8.3649	0.17496	0.10320	20	-0.40	0%	0
003.06	Fat, Pet Ether (%)	0644	8.3235	0.01500	8.3649	0.17496	0.10320	20	-0.24	0%	0
003.06	Fat, Pet Ether (%)	0689	8.3500	0.30000	8.3649	0.17496	0.10320	20	-0.09	0%	0
003.06	Fat, Pet Ether (%)	0563	8.3533	0.05600	8.3649	0.17496	0.10320	20	-0.07	0%	0
003.06	Fat, Pet Ether (%)	0687	8.4000	0.40000	8.3649	0.17496	0.10320	20	0.20	0%	0
003.06	Fat, Pet Ether (%)	0884	8.4000	0.40000	8.3649	0.17496	0.10320	20	0.20	0%	0
003.06	Fat, Pet Ether (%)	0918	8.4250	0.01000	8.3649	0.17496	0.10320	20	0.34	0%	0
003.06	Fat, Pet Ether (%)	0682	8.5000	0.00000	8.3649	0.17496	0.10320	20	0.77	1%	0
003.06	Fat, Pet Ether (%)	0148	8.5150	0.03000	8.3649	0.17496	0.10320	20	0.86	1%	0
003.06	Fat, Pet Ether (%)	0425	8.5200	0.04000	8.3649	0.17496	0.10320	20	0.89	1%	0
003.06	Fat, Pet Ether (%)	0164	8.5600	0.04000	8.3649	0.17496	0.10320	20	1.12	1%	0
003.06	Fat, Pet Ether (%)	0229	8.6100	0.04000	8.3649	0.17496	0.10320	20	1.40	1%	0
003.06	Fat, Pet Ether (%)	0910	8.6500	0.10000	8.3649	0.17496	0.10320	20	1.63	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	7.5500	0.02000	8.3526	0.24223	0.09608	20	-3.31	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	7.6600	0.00000	8.3526	0.24223	0.09608	20	-2.86	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	8.0050	0.03000	8.3526	0.24223	0.09608	20	-1.43	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	8.1450	0.27000	8.3526	0.24223	0.09608	20	-0.86	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	8.1550	0.09000	8.3526	0.24223	0.09608	20	-0.82	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	8.1900	0.02000	8.3526	0.24223	0.09608	20	-0.67	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	8.2950	0.03000	8.3526	0.24223	0.09608	20	-0.24	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	8.3200	0.00000	8.3526	0.24223	0.09608	20	-0.13	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	8.3300	0.22000	8.3526	0.24223	0.09608	20	-0.09	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	8.4000	0.00000	8.3526	0.24223	0.09608	20	0.20	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	8.4150	0.03000	8.3526	0.24223	0.09608	20	0.26	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	8.4200	0.10000	8.3526	0.24223	0.09608	20	0.28	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	8.4550	0.07000	8.3526	0.24223	0.09608	20	0.42	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	8.4853	0.13850	8.3526	0.24223	0.09608	20	0.55	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	8.4900	0.24000	8.3526	0.24223	0.09608	20	0.57	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	8.5400	0.00000	8.3526	0.24223	0.09608	20	0.77	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 (%)	0964	8.5515	0.16300	8.3526	0.24223	0.09608	20	0.82	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	8.5600	0.04000	8.3526	0.24223	0.09608	20	0.86	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	8.6000	0.20000	8.3526	0.24223	0.09608	20	1.02	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	8.8000	0.26000	8.3526	0.24223	0.09608	20	1.85	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	7.4250	0.39000	8.0852	0.24421	0.10688	29	-2.70	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	7.6350	0.09000	8.0852	0.24421	0.10688	29	-1.84	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	7.6400	0.22000	8.0852	0.24421	0.10688	29	-1.82	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	7.8100	0.04000	8.0852	0.24421	0.10688	29	-1.13	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	7.8555	0.02860	8.0852	0.24421	0.10688	29	-0.94	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	7.8700	0.02000	8.0852	0.24421	0.10688	29	-0.88	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	7.9035	0.18100	8.0852	0.24421	0.10688	29	-0.74	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	7.9150	0.11000	8.0852	0.24421	0.10688	29	-0.70	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	7.9400	0.00000	8.0852	0.24421	0.10688	29	-0.59	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	7.9850	0.11000	8.0852	0.24421	0.10688	29	-0.41	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	8.0000	0.14000	8.0852	0.24421	0.10688	29	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	8.0250	0.43000	8.0852	0.24421	0.10688	29	-0.25	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	8.0300	0.06000	8.0852	0.24421	0.10688	29	-0.23	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	8.0469	0.02710	8.0852	0.24421	0.10688	29	-0.16	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	8.1000	0.00000	8.0852	0.24421	0.10688	29	0.06	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	8.1400	0.12000	8.0852	0.24421	0.10688	29	0.22	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	8.1615	0.14700	8.0852	0.24421	0.10688	29	0.31	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	8.1900	0.02000	8.0852	0.24421	0.10688	29	0.43	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	8.2043	0.00380	8.0852	0.24421	0.10688	29	0.49	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	8.2050	0.05000	8.0852	0.24421	0.10688	29	0.49	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	8.2200	0.02000	8.0852	0.24421	0.10688	29	0.55	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	8.2650	0.01000	8.0852	0.24421	0.10688	29	0.74	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	8.2655	0.15900	8.0852	0.24421	0.10688	29	0.74	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	8.2775	0.00500	8.0852	0.24421	0.10688	29	0.79	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	8.3315	0.09900	8.0852	0.24421	0.10688	29	1.01	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	8.3500	0.10000	8.0852	0.24421	0.10688	29	1.08	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	8.3850	0.05000	8.0852	0.24421	0.10688	29	1.23	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	8.3975	0.12900	8.0852	0.24421	0.10688	29	1.28	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	8.4400	0.34000	8.0852	0.24421	0.10688	29	1.45	2%	0
003.11	Fat, NIR (%)	2120	5.8450	0.11000	7.1300	1.7664	0.05500	4	-0.73	9%	0
003.11	Fat, NIR (%)	2121	6.3700	0.08000	7.1300	1.7664	0.05500	4	-0.43	5%	0
003.11	Fat, NIR (%)	0852	6.5650	0.01000	7.1300	1.7664	0.05500	4	-0.32	4%	0
003.11	Fat, NIR (%)	0297	9.7400	0.02000	7.1300	1.7664	0.05500	4	1.48	18%	0
003.12	Fat, Hexane Ext (%)	0940	7.7500	0.16000	8.1730	0.31290	0.09400	5	-1.35	3%	0
003.12	Fat, Hexane Ext (%)	0903	8.0450	0.01000	8.1730	0.31290	0.09400	5	-0.41	1%	0
003.12	Fat, Hexane Ext (%)	0895	8.1050	0.01000	8.1730	0.31290	0.09400	5	-0.22	0%	0
003.12	Fat, Hexane Ext (%)	0028	8.4750	0.23000	8.1730	0.31290	0.09400	5	0.97	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	
003.12	Fat, Hexane Ext (%)	0171	8.4900	0.06000	8.1730	0.31290	0.09400	5	1.01	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	8.1550	0.07000	8.2685	0.10215	0.03850	6	-1.11	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	8.2150	0.03000	8.2685	0.10215	0.03850	6	-0.52	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	8.2500	0.04000	8.2685	0.10215	0.03850	6	-0.18	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	8.2695	0.00100	8.2685	0.10215	0.03850	6	0.01	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	8.3000	0.06000	8.2685	0.10215	0.03850	6	0.31	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	8.4250	0.03000	8.2685	0.10215	0.03850	6	1.53	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	8.0050	0.57000	8.2685	0.10215	0.03850	6	-2.58	2%	1
003.14	Fat, Ankom (%)	0574	6.9500	0.06000	8.2573	0.31910	0.13345	42	-4.10	8%	0
003.14	Fat, Ankom (%)	0265	7.3450	0.29000	8.2573	0.31910	0.13345	42	-2.86	6%	0
003.14	Fat, Ankom (%)	0683	7.4950	0.53000	8.2573	0.31910	0.13345	42	-2.39	5%	0
003.14	Fat, Ankom (%)	0843	7.5050	0.09000	8.2573	0.31910	0.13345	42	-2.36	5%	0
003.14	Fat, Ankom (%)	0619	7.7100	0.26000	8.2573	0.31910	0.13345	42	-1.72	3%	0
003.14	Fat, Ankom (%)	0019	7.8500	0.04000	8.2573	0.31910	0.13345	42	-1.28	2%	0
003.14	Fat, Ankom (%)	0912	7.8800	0.14000	8.2573	0.31910	0.13345	42	-1.18	2%	0
003.14	Fat, Ankom (%)	2129	7.9700	0.00000	8.2573	0.31910	0.13345	42	-0.90	2%	0
003.14	Fat, Ankom (%)	0089	8.0800	0.00000	8.2573	0.31910	0.13345	42	-0.56	1%	0
003.14	Fat, Ankom (%)	0968	8.0985	0.09100	8.2573	0.31910	0.13345	42	-0.50	1%	0
003.14	Fat, Ankom (%)	0520	8.1000	0.10000	8.2573	0.31910	0.13345	42	-0.49	1%	0
003.14	Fat, Ankom (%)	0037	8.1450	0.05000	8.2573	0.31910	0.13345	42	-0.35	1%	0
003.14	Fat, Ankom (%)	0278	8.1500	0.10000	8.2573	0.31910	0.13345	42	-0.34	1%	0
003.14	Fat, Ankom (%)	0581	8.1500	0.10000	8.2573	0.31910	0.13345	42	-0.34	1%	0
003.14	Fat, Ankom (%)	0202	8.1500	0.02000	8.2573	0.31910	0.13345	42	-0.34	1%	0
003.14	Fat, Ankom (%)	0186	8.1550	0.11000	8.2573	0.31910	0.13345	42	-0.32	1%	0
003.14	Fat, Ankom (%)	0108	8.1900	0.32000	8.2573	0.31910	0.13345	42	-0.21	0%	0
003.14	Fat, Ankom (%)	0004	8.2000	0.34000	8.2573	0.31910	0.13345	42	-0.18	0%	0
003.14	Fat, Ankom (%)	0034	8.2050	0.11000	8.2573	0.31910	0.13345	42	-0.16	0%	0
003.14	Fat, Ankom (%)	0598	8.2150	0.03000	8.2573	0.31910	0.13345	42	-0.13	0%	0
003.14	Fat, Ankom (%)	0358	8.2350	0.19000	8.2573	0.31910	0.13345	42	-0.07	0%	0
003.14	Fat, Ankom (%)	0066	8.2400	0.06000	8.2573	0.31910	0.13345	42	-0.05	0%	0
003.14	Fat, Ankom (%)	0956	8.2500	0.10000	8.2573	0.31910	0.13345	42	-0.02	0%	0
003.14	Fat, Ankom (%)	0144	8.2900	0.08000	8.2573	0.31910	0.13345	42	0.10	0%	0
003.14	Fat, Ankom (%)	0876	8.3300	0.12000	8.2573	0.31910	0.13345	42	0.23	0%	0
003.14	Fat, Ankom (%)	0937	8.3350	0.05000	8.2573	0.31910	0.13345	42	0.24	0%	0
003.14	Fat, Ankom (%)	0692	8.3500	0.30000	8.2573	0.31910	0.13345	42	0.29	1%	0
003.14	Fat, Ankom (%)	0948	8.4350	0.03000	8.2573	0.31910	0.13345	42	0.56	1%	0
003.14	Fat, Ankom (%)	0074	8.4450	0.13000	8.2573	0.31910	0.13345	42	0.59	1%	0
003.14	Fat, Ankom (%)	0009	8.4550	0.05000	8.2573	0.31910	0.13345	42	0.62	1%	0
003.14	Fat, Ankom (%)	0003	8.4700	0.12000	8.2573	0.31910	0.13345	42	0.67	1%	0
003.14	Fat, Ankom (%)	0529	8.4700	0.46000	8.2573	0.31910	0.13345	42	0.67	1%	0
003.14	Fat, Ankom (%)	0878	8.4750	0.09000	8.2573	0.31910	0.13345	42	0.68	1%	0

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003.14	Fat, Ankom (%)	0001	8.4785	0.24500	8.2573	0.31910	0.13345	42	0.69	1%	0
003.14	Fat, Ankom (%)	0955	8.4800	0.00000	8.2573	0.31910	0.13345	42	0.70	1%	0
003.14	Fat, Ankom (%)	0407	8.5074	0.04870	8.2573	0.31910	0.13345	42	0.78	2%	0
003.14	Fat, Ankom (%)	0229	8.6100	0.10000	8.2573	0.31910	0.13345	42	1.11	2%	0
003.14	Fat, Ankom (%)	0726	8.6100	0.08000	8.2573	0.31910	0.13345	42	1.11	2%	0
003.14	Fat, Ankom (%)	0413	8.7000	0.20000	8.2573	0.31910	0.13345	42	1.39	3%	0
003.14	Fat, Ankom (%)	0190	8.7600	0.02000	8.2573	0.31910	0.13345	42	1.58	3%	0
003.14	Fat, Ankom (%)	0848	8.9150	0.25000	8.2573	0.31910	0.13345	42	2.06	4%	0
003.14	Fat, Ankom (%)	2075	9.4300	0.10000	8.2573	0.31910	0.13345	42	3.68	7%	0
003.14	Fat, Ankom (%)	0049	8.0200	0.68000	8.2573	0.31910	0.13345	42	-0.74	1%	1
003.14	Fat, Ankom (%)	0357	2.8500	0.10000	8.2573	0.31910	0.13345	42	-16.95	33%	2
003.99	Fat, Miscellaneous (%)	0880	4.4000	0.20000	6.9883	1.7482	0.13333	6	-1.48	19%	0
003.99	Fat, Miscellaneous (%)	0536	5.9950	0.21000	6.9883	1.7482	0.13333	6	-0.57	7%	0
003.99	Fat, Miscellaneous (%)	0546	7.1950	0.03000	6.9883	1.7482	0.13333	6	0.12	1%	0
003.99	Fat, Miscellaneous (%)	0047	7.6650	0.09000	6.9883	1.7482	0.13333	6	0.39	5%	0
003.99	Fat, Miscellaneous (%)	1019	8.1700	0.12000	6.9883	1.7482	0.13333	6	0.68	8%	0
003.99	Fat, Miscellaneous (%)	0941	8.5050	0.15000	6.9883	1.7482	0.13333	6	0.87	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	13.675	0.13000	14.569	0.33658	0.35797	16	-2.65	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	14.175	0.05000	14.569	0.33658	0.35797	16	-1.17	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	14.220	0.16000	14.569	0.33658	0.35797	16	-1.04	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	14.350	0.10000	14.569	0.33658	0.35797	16	-0.65	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	14.400	0.00000	14.569	0.33658	0.35797	16	-0.50	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	14.482	0.85750	14.569	0.33658	0.35797	16	-0.26	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	14.520	0.58000	14.569	0.33658	0.35797	16	-0.14	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.550	0.30000	14.569	0.33658	0.35797	16	-0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	14.550	0.10000	14.569	0.33658	0.35797	16	-0.06	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0013	14.640	0.70000	14.569	0.33658	0.35797	16	0.21	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	14.650	0.70000	14.569	0.33658	0.35797	16	0.24	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	14.670	0.52000	14.569	0.33658	0.35797	16	0.30	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	14.730	0.86000	14.569	0.33658	0.35797	16	0.48	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	14.950	0.10000	14.569	0.33658	0.35797	16	1.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	15.200	0.20000	14.569	0.33658	0.35797	16	1.88	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	15.615	0.37000	14.569	0.33658	0.35797	16	3.11	4%	0
004.01	Fiber, Sing Filt (%)	0366	14.750	0.70000				1			0
004.03	Fiber, Fritted Glass (%)	2089	12.260	1.0800	14.500	1.7575	0.71566	5	-1.27	8%	0
004.03	Fiber, Fritted Glass (%)	0921	13.510	0.46000	14.500	1.7575	0.71566	5	-0.56	3%	0
004.03	Fiber, Fritted Glass (%)	0353	14.280	0.04000	14.500	1.7575	0.71566	5	-0.13	1%	0
004.03	Fiber, Fritted Glass (%)	0045	15.800	1.0000	14.500	1.7575	0.71566	5	0.74	4%	0
004.03	Fiber, Fritted Glass (%)	0693	16.649	0.99830	14.500	1.7575	0.71566	5	1.22	7%	0
004.06	Fiber, Fibertec (%)	2146	13.685	0.51000	14.615	0.61353	0.14388	25	-1.52	3%	0
004.06	Fiber, Fibertec (%)	0675	13.780	0.02000	14.615	0.61353	0.14388	25	-1.36	3%	0

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004.06	Fiber, Fibertec (%)	0881	14.002	0.12300	14.615	0.61353	0.14388	25	-1.00	2%	0
004.06	Fiber, Fibertec (%)	0952	14.010	0.00000	14.615	0.61353	0.14388	25	-0.99	2%	0
004.06	Fiber, Fibertec (%)	0590	14.070	0.18000	14.615	0.61353	0.14388	25	-0.89	2%	0
004.06	Fiber, Fibertec (%)	2068	14.220	0.00000	14.615	0.61353	0.14388	25	-0.64	1%	0
004.06	Fiber, Fibertec (%)	0098	14.235	0.53000	14.615	0.61353	0.14388	25	-0.62	1%	0
004.06	Fiber, Fibertec (%)	0897	14.240	0.02000	14.615	0.61353	0.14388	25	-0.61	1%	0
004.06	Fiber, Fibertec (%)	2006	14.310	0.08000	14.615	0.61353	0.14388	25	-0.50	1%	0
004.06	Fiber, Fibertec (%)	0205	14.400	0.00000	14.615	0.61353	0.14388	25	-0.35	1%	0
004.06	Fiber, Fibertec (%)	0027	14.460	0.04600	14.615	0.61353	0.14388	25	-0.25	1%	0
004.06	Fiber, Fibertec (%)	0895	14.510	0.02000	14.615	0.61353	0.14388	25	-0.17	0%	0
004.06	Fiber, Fibertec (%)	0903	14.555	0.01000	14.615	0.61353	0.14388	25	-0.10	0%	0
004.06	Fiber, Fibertec (%)	2149	14.605	0.05000	14.615	0.61353	0.14388	25	-0.02	0%	0
004.06	Fiber, Fibertec (%)	2093	14.675	0.03000	14.615	0.61353	0.14388	25	0.10	0%	0
004.06	Fiber, Fibertec (%)	0941	14.740	0.16000	14.615	0.61353	0.14388	25	0.20	0%	0
004.06	Fiber, Fibertec (%)	0885	14.827	0.03400	14.615	0.61353	0.14388	25	0.35	1%	0
004.06	Fiber, Fibertec (%)	0689	14.900	0.20000	14.615	0.61353	0.14388	25	0.46	1%	0
004.06	Fiber, Fibertec (%)	0723	14.972	0.00000	14.615	0.61353	0.14388	25	0.58	1%	0
004.06	Fiber, Fibertec (%)	0918	15.050	0.40000	14.615	0.61353	0.14388	25	0.71	1%	0
004.06	Fiber, Fibertec (%)	0878	15.185	0.05000	14.615	0.61353	0.14388	25	0.93	2%	0
004.06	Fiber, Fibertec (%)	0948	15.385	0.09000	14.615	0.61353	0.14388	25	1.25	3%	0
004.06	Fiber, Fibertec (%)	0674	15.480	0.00000	14.615	0.61353	0.14388	25	1.41	3%	0
004.06	Fiber, Fibertec (%)	0968	15.868	0.04400	14.615	0.61353	0.14388	25	2.04	4%	0
004.06	Fiber, Fibertec (%)	0676	17.930	1.0000	14.615	0.61353	0.14388	25	5.40	11%	0
004.06	Fiber, Fibertec (%)	0964	15.050	1.4800	14.615	0.61353	0.14388	25	0.71	1%	1
004.07	Fiber, ANKOM (%)	0682	7.6900	0.00000	14.626	0.83529	0.26115	64	-8.30	24%	0
004.07	Fiber, ANKOM (%)	0265	11.175	0.55000	14.626	0.83529	0.26115	64	-4.13	12%	0
004.07	Fiber, ANKOM (%)	0619	13.150	0.30000	14.626	0.83529	0.26115	64	-1.77	5%	0
004.07	Fiber, ANKOM (%)	0297	13.515	0.33000	14.626	0.83529	0.26115	64	-1.33	4%	0
004.07	Fiber, ANKOM (%)	0708	13.560	0.06000	14.626	0.83529	0.26115	64	-1.28	4%	0
004.07	Fiber, ANKOM (%)	0505	13.725	0.07000	14.626	0.83529	0.26115	64	-1.08	3%	0
004.07	Fiber, ANKOM (%)	0026	13.750	0.10000	14.626	0.83529	0.26115	64	-1.05	3%	0
004.07	Fiber, ANKOM (%)	0035	13.760	0.24000	14.626	0.83529	0.26115	64	-1.04	3%	0
004.07	Fiber, ANKOM (%)	0683	13.815	0.35000	14.626	0.83529	0.26115	64	-0.97	3%	0
004.07	Fiber, ANKOM (%)	0552	13.840	0.20000	14.626	0.83529	0.26115	64	-0.94	3%	0
004.07	Fiber, ANKOM (%)	0910	13.850	0.50000	14.626	0.83529	0.26115	64	-0.93	3%	0
004.07	Fiber, ANKOM (%)	0644	13.883	0.11200	14.626	0.83529	0.26115	64	-0.89	3%	0
004.07	Fiber, ANKOM (%)	0726	13.900	0.00000	14.626	0.83529	0.26115	64	-0.87	2%	0
004.07	Fiber, ANKOM (%)	0643	13.920	0.26000	14.626	0.83529	0.26115	64	-0.85	2%	0
004.07	Fiber, ANKOM (%)	0876	13.945	0.05000	14.626	0.83529	0.26115	64	-0.82	2%	0
004.07	Fiber, ANKOM (%)	0529	13.955	0.05000	14.626	0.83529	0.26115	64	-0.80	2%	0
004.07	Fiber, ANKOM (%)	0692	14.100	0.60000	14.626	0.83529	0.26115	64	-0.63	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	
004.07	Fiber, ANKOM (%)	0955	14.150	0.50000	14.626	0.83529	0.26115	64	-0.57	2%	0
004.07	Fiber, ANKOM (%)	0653	14.195	0.25000	14.626	0.83529	0.26115	64	-0.52	1%	0
004.07	Fiber, ANKOM (%)	0849	14.214	0.02800	14.626	0.83529	0.26115	64	-0.49	1%	0
004.07	Fiber, ANKOM (%)	0202	14.215	0.49000	14.626	0.83529	0.26115	64	-0.49	1%	0
004.07	Fiber, ANKOM (%)	0009	14.285	0.31000	14.626	0.83529	0.26115	64	-0.41	1%	0
004.07	Fiber, ANKOM (%)	0190	14.300	0.40000	14.626	0.83529	0.26115	64	-0.39	1%	0
004.07	Fiber, ANKOM (%)	0939	14.320	0.06000	14.626	0.83529	0.26115	64	-0.37	1%	0
004.07	Fiber, ANKOM (%)	0553	14.330	0.22000	14.626	0.83529	0.26115	64	-0.35	1%	0
004.07	Fiber, ANKOM (%)	0100	14.345	0.57000	14.626	0.83529	0.26115	64	-0.34	1%	0
004.07	Fiber, ANKOM (%)	0144	14.355	0.19000	14.626	0.83529	0.26115	64	-0.32	1%	0
004.07	Fiber, ANKOM (%)	0861	14.355	0.21000	14.626	0.83529	0.26115	64	-0.32	1%	0
004.07	Fiber, ANKOM (%)	0294	14.400	0.20000	14.626	0.83529	0.26115	64	-0.27	1%	0
004.07	Fiber, ANKOM (%)	0066	14.465	0.11000	14.626	0.83529	0.26115	64	-0.19	1%	0
004.07	Fiber, ANKOM (%)	0098	14.560	0.02000	14.626	0.83529	0.26115	64	-0.08	0%	0
004.07	Fiber, ANKOM (%)	0413	14.600	0.20000	14.626	0.83529	0.26115	64	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0510	14.600	0.00000	14.626	0.83529	0.26115	64	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0581	14.600	0.20000	14.626	0.83529	0.26115	64	-0.03	0%	0
004.07	Fiber, ANKOM (%)	0354	14.635	0.07000	14.626	0.83529	0.26115	64	0.01	0%	0
004.07	Fiber, ANKOM (%)	0033	14.700	0.00000	14.626	0.83529	0.26115	64	0.09	0%	0
004.07	Fiber, ANKOM (%)	0937	14.750	0.04000	14.626	0.83529	0.26115	64	0.15	0%	0
004.07	Fiber, ANKOM (%)	0956	14.750	0.10000	14.626	0.83529	0.26115	64	0.15	0%	0
004.07	Fiber, ANKOM (%)	0074	14.765	0.53000	14.626	0.83529	0.26115	64	0.17	0%	0
004.07	Fiber, ANKOM (%)	0229	14.800	0.12000	14.626	0.83529	0.26115	64	0.21	1%	0
004.07	Fiber, ANKOM (%)	0520	14.800	0.60000	14.626	0.83529	0.26115	64	0.21	1%	0
004.07	Fiber, ANKOM (%)	0848	14.815	0.41000	14.626	0.83529	0.26115	64	0.23	1%	0
004.07	Fiber, ANKOM (%)	2009	14.844	0.01600	14.626	0.83529	0.26115	64	0.26	1%	0
004.07	Fiber, ANKOM (%)	0626	14.850	0.20000	14.626	0.83529	0.26115	64	0.27	1%	0
004.07	Fiber, ANKOM (%)	0870	14.868	0.25820	14.626	0.83529	0.26115	64	0.29	1%	0
004.07	Fiber, ANKOM (%)	0003	14.915	0.67000	14.626	0.83529	0.26115	64	0.35	1%	0
004.07	Fiber, ANKOM (%)	0263	15.050	0.01330	14.626	0.83529	0.26115	64	0.51	1%	0
004.07	Fiber, ANKOM (%)	2012	15.075	0.35000	14.626	0.83529	0.26115	64	0.54	2%	0
004.07	Fiber, ANKOM (%)	0083	15.270	0.84000	14.626	0.83529	0.26115	64	0.77	2%	0
004.07	Fiber, ANKOM (%)	0034	15.280	0.56000	14.626	0.83529	0.26115	64	0.78	2%	0
004.07	Fiber, ANKOM (%)	0948	15.395	0.27000	14.626	0.83529	0.26115	64	0.92	3%	0
004.07	Fiber, ANKOM (%)	0598	15.410	0.84000	14.626	0.83529	0.26115	64	0.94	3%	0
004.07	Fiber, ANKOM (%)	0004	15.445	0.53000	14.626	0.83529	0.26115	64	0.98	3%	0
004.07	Fiber, ANKOM (%)	0596	15.475	0.29000	14.626	0.83529	0.26115	64	1.02	3%	0
004.07	Fiber, ANKOM (%)	0019	15.590	0.04000	14.626	0.83529	0.26115	64	1.15	3%	0
004.07	Fiber, ANKOM (%)	0278	15.700	0.20000	14.626	0.83529	0.26115	64	1.29	4%	0
004.07	Fiber, ANKOM (%)	2075	15.800	0.40000	14.626	0.83529	0.26115	64	1.41	4%	0
004.07	Fiber, ANKOM (%)	0563	15.999	0.22790	14.626	0.83529	0.26115	64	1.64	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0646	16.000	0.42000	14.626	0.83529	0.26115	64	1.65	5%	0
004.07	Fiber, ANKOM (%)	0968	16.208	0.05600	14.626	0.83529	0.26115	64	1.89	5%	0
004.07	Fiber, ANKOM (%)	0407	16.316	0.16250	14.626	0.83529	0.26115	64	2.02	6%	0
004.07	Fiber, ANKOM (%)	0089	16.535	0.01000	14.626	0.83529	0.26115	64	2.29	7%	0
004.07	Fiber, ANKOM (%)	0028	17.000	0.40000	14.626	0.83529	0.26115	64	2.84	8%	0
004.07	Fiber, ANKOM (%)	0536	17.570	0.36000	14.626	0.83529	0.26115	64	3.52	10%	0
004.11	Fiber, NIR (%)	2105	9.6250	0.29000	10.381	0.81141	0.17250	4	-0.93	4%	0
004.11	Fiber, NIR (%)	0852	9.7350	0.07000	10.381	0.81141	0.17250	4	-0.80	3%	0
004.11	Fiber, NIR (%)	2121	11.050	0.08000	10.381	0.81141	0.17250	4	0.82	3%	0
004.11	Fiber, NIR (%)	2120	11.115	0.25000	10.381	0.81141	0.17250	4	0.90	4%	0
004.99	Fiber, Miscellaneous (%)	0940	13.170	1.0400				3			0
004.99	Fiber, Miscellaneous (%)	0610	13.550	0.10000				3			0
004.99	Fiber, Miscellaneous (%)	0629	13.975	0.05000				3			0
005.00	Ash, 2h @ 600°C (%)	0278	7.3450	0.25000	7.7749	0.19449	0.08266	86	-2.21	3%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.4600	0.42000	7.7749	0.19449	0.08266	86	-1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.4750	0.07000	7.7749	0.19449	0.08266	86	-1.54	2%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.4950	0.05000	7.7749	0.19449	0.08266	86	-1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.5049	0.02500	7.7749	0.19449	0.08266	86	-1.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.5100	0.06000	7.7749	0.19449	0.08266	86	-1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.5240	0.02200	7.7749	0.19449	0.08266	86	-1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.5500	0.14000	7.7749	0.19449	0.08266	86	-1.16	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.5600	0.12000	7.7749	0.19449	0.08266	86	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.5700	0.06000	7.7749	0.19449	0.08266	86	-1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	7.5720	0.14600	7.7749	0.19449	0.08266	86	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.5950	0.07000	7.7749	0.19449	0.08266	86	-0.93	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.6000	0.20000	7.7749	0.19449	0.08266	86	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.6000	0.20000	7.7749	0.19449	0.08266	86	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	7.6000	0.00000	7.7749	0.19449	0.08266	86	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.6100	0.10000	7.7749	0.19449	0.08266	86	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	7.6200	0.04000	7.7749	0.19449	0.08266	86	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.6200	0.32000	7.7749	0.19449	0.08266	86	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.6275	0.01100	7.7749	0.19449	0.08266	86	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.6350	0.01000	7.7749	0.19449	0.08266	86	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.6386	0.00010	7.7749	0.19449	0.08266	86	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.6500	0.26000	7.7749	0.19449	0.08266	86	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.6540	0.03290	7.7749	0.19449	0.08266	86	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.6550	0.23000	7.7749	0.19449	0.08266	86	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	7.6600	0.00000	7.7749	0.19449	0.08266	86	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.6600	0.02000	7.7749	0.19449	0.08266	86	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.6750	0.23000	7.7749	0.19449	0.08266	86	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.6850	0.21000	7.7749	0.19449	0.08266	86	-0.46	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 (%)	0242	7.7000	0.10000	7.7749	0.19449	0.08266	86	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.7000	0.02000	7.7749	0.19449	0.08266	86	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0596	7.7000	0.02000	7.7749	0.19449	0.08266	86	-0.39	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.7020	0.00800	7.7749	0.19449	0.08266	86	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.7059	0.20290	7.7749	0.19449	0.08266	86	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.7096	0.00080	7.7749	0.19449	0.08266	86	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	7.7100	0.16000	7.7749	0.19449	0.08266	86	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.7100	0.12000	7.7749	0.19449	0.08266	86	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.7150	0.23000	7.7749	0.19449	0.08266	86	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.7200	0.26000	7.7749	0.19449	0.08266	86	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.7250	0.19000	7.7749	0.19449	0.08266	86	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.7250	0.07000	7.7749	0.19449	0.08266	86	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.7350	0.07000	7.7749	0.19449	0.08266	86	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.7422	0.06150	7.7749	0.19449	0.08266	86	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.7450	0.05000	7.7749	0.19449	0.08266	86	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.7450	0.03000	7.7749	0.19449	0.08266	86	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	7.7550	0.03000	7.7749	0.19449	0.08266	86	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.7600	0.02000	7.7749	0.19449	0.08266	86	-0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.7625	0.01460	7.7749	0.19449	0.08266	86	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.7700	0.00000	7.7749	0.19449	0.08266	86	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.7850	0.03000	7.7749	0.19449	0.08266	86	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.7860	0.00000	7.7749	0.19449	0.08266	86	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.7950	0.01000	7.7749	0.19449	0.08266	86	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.8200	0.04000	7.7749	0.19449	0.08266	86	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.8200	0.14000	7.7749	0.19449	0.08266	86	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0874	7.8200	0.04000	7.7749	0.19449	0.08266	86	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.8250	0.03000	7.7749	0.19449	0.08266	86	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.8300	0.00000	7.7749	0.19449	0.08266	86	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.8300	0.02000	7.7749	0.19449	0.08266	86	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.8400	0.04000	7.7749	0.19449	0.08266	86	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.8400	0.00000	7.7749	0.19449	0.08266	86	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.8600	0.06000	7.7749	0.19449	0.08266	86	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.8600	0.06000	7.7749	0.19449	0.08266	86	0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.8700	0.04000	7.7749	0.19449	0.08266	86	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.8850	0.13000	7.7749	0.19449	0.08266	86	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.8860	0.00000	7.7749	0.19449	0.08266	86	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.9030	0.05600	7.7749	0.19449	0.08266	86	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.9150	0.01000	7.7749	0.19449	0.08266	86	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.9150	0.03000	7.7749	0.19449	0.08266	86	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.9200	0.06000	7.7749	0.19449	0.08266	86	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.9500	0.10000	7.7749	0.19449	0.08266	86	0.90	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 (%)	0309	7.9650	0.07000	7.7749	0.19449	0.08266	86	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.9650	0.09000	7.7749	0.19449	0.08266	86	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.9680	0.03800	7.7749	0.19449	0.08266	86	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.9700	0.04000	7.7749	0.19449	0.08266	86	1.00	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.0250	0.13000	7.7749	0.19449	0.08266	86	1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.0400	0.28000	7.7749	0.19449	0.08266	86	1.36	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.0500	0.10000	7.7749	0.19449	0.08266	86	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.0550	0.09000	7.7749	0.19449	0.08266	86	1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.0601	0.00210	7.7749	0.19449	0.08266	86	1.47	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.1050	0.07000	7.7749	0.19449	0.08266	86	1.70	2%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.1300	0.08000	7.7749	0.19449	0.08266	86	1.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.1300	0.08000	7.7749	0.19449	0.08266	86	1.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.1450	0.01000	7.7749	0.19449	0.08266	86	1.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.1500	0.12000	7.7749	0.19449	0.08266	86	1.93	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.1850	0.01000	7.7749	0.19449	0.08266	86	2.11	3%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.2516	0.04790	7.7749	0.19449	0.08266	86	2.45	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.6800	0.00000	7.7749	0.19449	0.08266	86	4.65	6%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.8400	0.52000	7.7749	0.19449	0.08266	86	0.33	0%	1
005.00	Ash, 2h @ 600°C (%)	0226	8.1500	0.50000	7.7749	0.19449	0.08266	86	1.93	2%	1
005.00	Ash, 2h @ 600°C (%)	1019	6.1300	0.30000	7.7749	0.19449	0.08266	86	-8.46	11%	2
005.02	Ash, LECO (%)	2075	7.8350	0.03000				2			0
005.02	Ash, LECO (%)	0644	8.1600	0.02000				2			0
005.04	Ash, Acid insoluble (%)	0683	0.82000	0.00000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	7.5850	0.01000	7.9951	0.17188	0.03148	33	-2.39	3%	0
005.05	Ash, 3h @ 550°C (%)	0904	7.7050	0.09000	7.9951	0.17188	0.03148	33	-1.69	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.7150	0.01000	7.9951	0.17188	0.03148	33	-1.63	2%	0
005.05	Ash, 3h @ 550°C (%)	0003	7.7400	0.02000	7.9951	0.17188	0.03148	33	-1.48	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	7.7500	0.08000	7.9951	0.17188	0.03148	33	-1.43	2%	0
005.05	Ash, 3h @ 550°C (%)	0038	7.8100	0.00000	7.9951	0.17188	0.03148	33	-1.08	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.8300	0.00000	7.9951	0.17188	0.03148	33	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.8700	0.04000	7.9951	0.17188	0.03148	33	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.8880	0.00400	7.9951	0.17188	0.03148	33	-0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.9000	0.00000	7.9951	0.17188	0.03148	33	-0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	7.9250	0.03000	7.9951	0.17188	0.03148	33	-0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	7.9500	0.10000	7.9951	0.17188	0.03148	33	-0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.9750	0.05000	7.9951	0.17188	0.03148	33	-0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.9950	0.03000	7.9951	0.17188	0.03148	33	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.0000	0.00000	7.9951	0.17188	0.03148	33	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.0150	0.01000	7.9951	0.17188	0.03148	33	0.12	0%	0
005.05	Ash, 3h @ 550°C (%)	2093	8.0350	0.03000	7.9951	0.17188	0.03148	33	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.0433	0.02930	7.9951	0.17188	0.03148	33	0.28	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	
005.05	Ash, 3h @ 550°C (%)	2145	8.0450	0.05000	7.9951	0.17188	0.03148	33	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	8.0650	0.01000	7.9951	0.17188	0.03148	33	0.41	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	8.0750	0.01000	7.9951	0.17188	0.03148	33	0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.0850	0.09000	7.9951	0.17188	0.03148	33	0.52	1%	0
005.05	Ash, 3h @ 550°C (%)	0937	8.0900	0.00000	7.9951	0.17188	0.03148	33	0.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	8.0944	0.05140	7.9951	0.17188	0.03148	33	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	8.1100	0.02000	7.9951	0.17188	0.03148	33	0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	8.1220	0.00400	7.9951	0.17188	0.03148	33	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.1300	0.00000	7.9951	0.17188	0.03148	33	0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.1500	0.10000	7.9951	0.17188	0.03148	33	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.1600	0.02000	7.9951	0.17188	0.03148	33	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.1700	0.02000	7.9951	0.17188	0.03148	33	1.02	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.1750	0.03000	7.9951	0.17188	0.03148	33	1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.1750	0.01000	7.9951	0.17188	0.03148	33	1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	8.2550	0.09000	7.9951	0.17188	0.03148	33	1.51	2%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.9850	0.23000	7.9951	0.17188	0.03148	33	-0.06	0%	1
005.11	Ash, NIR (%)	0297	8.7900	0.04000	11.754	2.3544	0.26000	5	-1.18	13%	0
005.11	Ash, NIR (%)	0852	10.680	0.16000	11.754	2.3544	0.26000	5	-0.47	5%	0
005.11	Ash, NIR (%)	2105	10.990	0.92000	11.754	2.3544	0.26000	5	-0.36	4%	0
005.11	Ash, NIR (%)	2120	13.910	0.16000	11.754	2.3544	0.26000	5	0.73	8%	0
005.11	Ash, NIR (%)	2121	14.400	0.02000	11.754	2.3544	0.26000	5	0.92	10%	0
005.99	Ash, Miscellaneous (%)	0546	7.1850	0.11000	8.0483	0.24686	0.06000	11	-3.50	5%	0
005.99	Ash, Miscellaneous (%)	0574	7.6000	0.06000	8.0483	0.24686	0.06000	11	-1.82	3%	0
005.99	Ash, Miscellaneous (%)	0202	7.8500	0.02000	8.0483	0.24686	0.06000	11	-0.80	1%	0
005.99	Ash, Miscellaneous (%)	0629	8.0400	0.04000	8.0483	0.24686	0.06000	11	-0.03	0%	0
005.99	Ash, Miscellaneous (%)	0728	8.0700	0.00000	8.0483	0.24686	0.06000	11	0.09	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.1500	0.10000	8.0483	0.24686	0.06000	11	0.41	1%	0
005.99	Ash, Miscellaneous (%)	0910	8.1500	0.10000	8.0483	0.24686	0.06000	11	0.41	1%	0
005.99	Ash, Miscellaneous (%)	0676	8.2000	0.06000	8.0483	0.24686	0.06000	11	0.61	1%	0
005.99	Ash, Miscellaneous (%)	0884	8.2000	0.00000	8.0483	0.24686	0.06000	11	0.61	1%	0
005.99	Ash, Miscellaneous (%)	0536	8.2050	0.11000	8.0483	0.24686	0.06000	11	0.63	1%	0
005.99	Ash, Miscellaneous (%)	2004	8.3100	0.06000	8.0483	0.24686	0.06000	11	1.06	2%	0
006.00	Total sugars, As sucrose (%)	0910	3.9000	1.2600				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.4285	0.00500				1			0
006.99	Total sugars, Miscellaneous (%)	0956	4.2000	0.40000				1			0
008.02	Fiber, Acid Detergent (%)	0405	13.320	0.06000	18.480	1.1187	0.26819	15	-4.61	14%	0
008.02	Fiber, Acid Detergent (%)	0590	17.000	0.60000	18.480	1.1187	0.26819	15	-1.32	4%	0
008.02	Fiber, Acid Detergent (%)	0504	17.350	0.32000	18.480	1.1187	0.26819	15	-1.01	3%	0
008.02	Fiber, Acid Detergent (%)	0939	17.520	0.78000	18.480	1.1187	0.26819	15	-0.86	3%	0
008.02	Fiber, Acid Detergent (%)	0675	17.975	0.51000	18.480	1.1187	0.26819	15	-0.45	1%	0
008.02	Fiber, Acid Detergent (%)	0208	18.350	0.10000	18.480	1.1187	0.26819	15	-0.12	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.02	Fiber, Acid Detergent (%)	0226	18.450	0.30000	18.480	1.1187	0.26819	15	-0.03	0%	0
008.02	Fiber, Acid Detergent (%)	0948	18.470	0.22000	18.480	1.1187	0.26819	15	-0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0353	18.745	0.09000	18.480	1.1187	0.26819	15	0.24	1%	0
008.02	Fiber, Acid Detergent (%)	0309	19.131	0.30350	18.480	1.1187	0.26819	15	0.58	2%	0
008.02	Fiber, Acid Detergent (%)	0148	19.180	0.02000	18.480	1.1187	0.26819	15	0.63	2%	0
008.02	Fiber, Acid Detergent (%)	0098	19.260	0.24000	18.480	1.1187	0.26819	15	0.70	2%	0
008.02	Fiber, Acid Detergent (%)	0187	19.315	0.09000	18.480	1.1187	0.26819	15	0.75	2%	0
008.02	Fiber, Acid Detergent (%)	0689	19.500	0.00000	18.480	1.1187	0.26819	15	0.91	3%	0
008.02	Fiber, Acid Detergent (%)	0885	21.536	0.38930	18.480	1.1187	0.26819	15	2.73	8%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	19.550	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	16.150	0.10000	18.771	1.1084	0.31436	41	-2.36	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	17.250	0.28000	18.771	1.1084	0.31436	41	-1.37	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	17.405	0.01000	18.771	1.1084	0.31436	41	-1.23	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	17.470	0.02000	18.771	1.1084	0.31436	41	-1.17	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	17.570	0.20000	18.771	1.1084	0.31436	41	-1.08	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	17.615	0.12700	18.771	1.1084	0.31436	41	-1.04	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	17.780	0.40000	18.771	1.1084	0.31436	41	-0.89	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	17.880	0.48000	18.771	1.1084	0.31436	41	-0.80	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	17.995	0.55000	18.771	1.1084	0.31436	41	-0.70	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	18.100	0.20000	18.771	1.1084	0.31436	41	-0.61	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	18.115	0.05000	18.771	1.1084	0.31436	41	-0.59	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	18.125	0.05000	18.771	1.1084	0.31436	41	-0.58	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	18.150	0.30000	18.771	1.1084	0.31436	41	-0.56	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	18.225	0.15000	18.771	1.1084	0.31436	41	-0.49	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	18.230	0.44000	18.771	1.1084	0.31436	41	-0.49	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	18.260	0.28000	18.771	1.1084	0.31436	41	-0.46	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	18.350	0.70000	18.771	1.1084	0.31436	41	-0.38	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	18.400	0.20000	18.771	1.1084	0.31436	41	-0.33	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	18.415	0.51000	18.771	1.1084	0.31436	41	-0.32	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	18.440	0.06000	18.771	1.1084	0.31436	41	-0.30	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	18.600	0.60000	18.771	1.1084	0.31436	41	-0.15	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	18.610	0.16000	18.771	1.1084	0.31436	41	-0.15	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	18.700	0.00000	18.771	1.1084	0.31436	41	-0.06	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	18.800	0.00000	18.771	1.1084	0.31436	41	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	18.910	0.04000	18.771	1.1084	0.31436	41	0.13	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	18.992	0.33000	18.771	1.1084	0.31436	41	0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	19.095	0.18260	18.771	1.1084	0.31436	41	0.29	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	19.235	0.59000	18.771	1.1084	0.31436	41	0.42	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	19.387	1.1377	18.771	1.1084	0.31436	41	0.56	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	19.515	0.43000	18.771	1.1084	0.31436	41	0.67	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	19.560	0.46000	18.771	1.1084	0.31436	41	0.71	2%	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 (%)	0726	19.765	0.45000	18.771	1.1084	0.31436	41	0.90	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	19.770	0.19160	18.771	1.1084	0.31436	41	0.90	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	19.800	0.20000	18.771	1.1084	0.31436	41	0.93	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	19.900	0.20000	18.771	1.1084	0.31436	41	1.02	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	20.065	0.77000	18.771	1.1084	0.31436	41	1.17	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	20.300	0.00000	18.771	1.1084	0.31436	41	1.38	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	20.415	0.15000	18.771	1.1084	0.31436	41	1.48	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	20.720	1.1000	18.771	1.1084	0.31436	41	1.76	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	22.300	0.20000	18.771	1.1084	0.31436	41	3.18	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	22.685	0.59000	18.771	1.1084	0.31436	41	3.53	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	20.328	2.5217	18.771	1.1084	0.31436	41	1.40	4%	1
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	21.315	3.2900	18.771	1.1084	0.31436	41	2.30	7%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	2145	13.220	0.12000	18.998	0.84123	0.14000	5	-6.87	15%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	18.000	0.20000	18.998	0.84123	0.14000	5	-1.19	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	18.700	0.20000	18.998	0.84123	0.14000	5	-0.35	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0941	19.330	0.18000	18.998	0.84123	0.14000	5	0.39	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	19.961	0.00000	18.998	0.84123	0.14000	5	1.15	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0676	20.120	1.3200	18.998	0.84123	0.14000	5	1.33	3%	1
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	32.775	0.67000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	31.650	1.5000	35.653	2.2592	0.61793	12	-1.77	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	33.200	1.2000	35.653	2.2592	0.61793	12	-1.09	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	33.500	0.80000	35.653	2.2592	0.61793	12	-0.95	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	34.310	0.28000	35.653	2.2592	0.61793	12	-0.59	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	34.705	0.27000	35.653	2.2592	0.61793	12	-0.42	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	35.650	0.50000	35.653	2.2592	0.61793	12	0.00	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	36.790	0.32000	35.653	2.2592	0.61793	12	0.50	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0689	36.800	0.40000	35.653	2.2592	0.61793	12	0.51	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	37.415	0.21000	35.653	2.2592	0.61793	12	0.78	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	37.447	0.83520	35.653	2.2592	0.61793	12	0.79	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	37.800	0.60000	35.653	2.2592	0.61793	12	0.95	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	37.950	0.50000	35.653	2.2592	0.61793	12	1.02	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	31.350	0.50000	33.658	1.2523	0.38170	43	-1.84	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	31.964	0.24050	33.658	1.2523	0.38170	43	-1.35	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	32.155	0.27000	33.658	1.2523	0.38170	43	-1.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	32.165	0.69000	33.658	1.2523	0.38170	43	-1.19	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	32.170	0.10000	33.658	1.2523	0.38170	43	-1.19	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	32.435	0.69000	33.658	1.2523	0.38170	43	-0.98	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	32.545	0.01000	33.658	1.2523	0.38170	43	-0.89	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	32.600	0.40000	33.658	1.2523	0.38170	43	-0.85	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	32.650	0.10000	33.658	1.2523	0.38170	43	-0.81	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	32.703	0.44660	33.658	1.2523	0.38170	43	-0.76	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	32.720	0.10000	33.658	1.2523	0.38170	43	-0.75	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	32.830	0.12000	33.658	1.2523	0.38170	43	-0.66	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	32.950	0.30000	33.658	1.2523	0.38170	43	-0.57	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	32.985	0.49000	33.658	1.2523	0.38170	43	-0.54	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	33.000	1.2000	33.658	1.2523	0.38170	43	-0.53	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	33.000	0.43280	33.658	1.2523	0.38170	43	-0.53	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	33.125	0.49000	33.658	1.2523	0.38170	43	-0.43	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	33.245	0.25000	33.658	1.2523	0.38170	43	-0.33	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	33.285	0.67000	33.658	1.2523	0.38170	43	-0.30	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	33.548	0.20560	33.658	1.2523	0.38170	43	-0.09	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	33.565	0.13000	33.658	1.2523	0.38170	43	-0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	33.600	1.6000	33.658	1.2523	0.38170	43	-0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	33.600	0.20000	33.658	1.2523	0.38170	43	-0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	33.702	0.13360	33.658	1.2523	0.38170	43	0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	33.720	0.18000	33.658	1.2523	0.38170	43	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	33.750	0.30000	33.658	1.2523	0.38170	43	0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	33.830	0.14000	33.658	1.2523	0.38170	43	0.14	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	33.850	0.30000	33.658	1.2523	0.38170	43	0.15	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	33.880	0.20000	33.658	1.2523	0.38170	43	0.18	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	34.250	0.30000	33.658	1.2523	0.38170	43	0.47	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	34.295	0.39000	33.658	1.2523	0.38170	43	0.51	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0885	34.453	0.64780	33.658	1.2523	0.38170	43	0.63	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	34.650	0.10000	33.658	1.2523	0.38170	43	0.79	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	34.676	0.31600	33.658	1.2523	0.38170	43	0.81	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	34.815	0.29000	33.658	1.2523	0.38170	43	0.92	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	34.905	0.01000	33.658	1.2523	0.38170	43	1.00	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	35.065	0.21000	33.658	1.2523	0.38170	43	1.12	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	35.165	0.43000	33.658	1.2523	0.38170	43	1.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	36.000	1.2000	33.658	1.2523	0.38170	43	1.87	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	36.480	0.44000	33.658	1.2523	0.38170	43	2.25	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	37.000	0.40000	33.658	1.2523	0.38170	43	2.67	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	37.200	0.24000	33.658	1.2523	0.38170	43	2.83	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	39.555	0.55000	33.658	1.2523	0.38170	43	4.71	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	34.105	1.8300	33.658	1.2523	0.38170	43	0.36	1%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	34.681	0.00000				2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0941	35.405	0.29000				2			0
010.03	Moisture, Karl-Fischer (%)	0843	9.0850	0.65000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	9.4550	0.13000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	9.7650	0.35000				3			0
010.11	Moisture, NIR (%)	2120	9.2100	0.08000				3			0
010.11	Moisture, NIR (%)	2121	9.2950	0.13000				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			
010.11	Moisture, NIR (%)	0852	11.405	0.05000				3			0
010.99	Moisture, Miscellaneous (%)	0964	8.7495	0.07700	9.5016	0.53837	0.08129	21	-1.40	4%	0
010.99	Moisture, Miscellaneous (%)	0546	8.7600	0.10000	9.5016	0.53837	0.08129	21	-1.38	4%	0
010.99	Moisture, Miscellaneous (%)	0692	8.8200	0.26000	9.5016	0.53837	0.08129	21	-1.27	4%	0
010.99	Moisture, Miscellaneous (%)	2129	9.0500	0.10000	9.5016	0.53837	0.08129	21	-0.84	2%	0
010.99	Moisture, Miscellaneous (%)	0948	9.2350	0.05000	9.5016	0.53837	0.08129	21	-0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0875	9.2550	0.03000	9.5016	0.53837	0.08129	21	-0.46	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.3300	0.08000	9.5016	0.53837	0.08129	21	-0.32	1%	0
010.99	Moisture, Miscellaneous (%)	2089	9.3600	0.04000	9.5016	0.53837	0.08129	21	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	0884	9.4000	0.00000	9.5016	0.53837	0.08129	21	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	0952	9.4000	0.02000	9.5016	0.53837	0.08129	21	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	2043	9.4100	0.14000	9.5016	0.53837	0.08129	21	-0.17	0%	0
010.99	Moisture, Miscellaneous (%)	2004	9.4450	0.07000	9.5016	0.53837	0.08129	21	-0.11	0%	0
010.99	Moisture, Miscellaneous (%)	0917	9.4500	0.10000	9.5016	0.53837	0.08129	21	-0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0921	9.5250	0.09000	9.5016	0.53837	0.08129	21	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0726	9.6300	0.10000	9.5016	0.53837	0.08129	21	0.24	1%	0
010.99	Moisture, Miscellaneous (%)	2150	9.8800	0.12000	9.5016	0.53837	0.08129	21	0.70	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.9050	0.03000	9.5016	0.53837	0.08129	21	0.75	2%	0
010.99	Moisture, Miscellaneous (%)	2105	10.040	0.04000	9.5016	0.53837	0.08129	21	1.00	3%	0
010.99	Moisture, Miscellaneous (%)	2076	10.270	0.18000	9.5016	0.53837	0.08129	21	1.43	4%	0
010.99	Moisture, Miscellaneous (%)	2127	10.315	0.05000	9.5016	0.53837	0.08129	21	1.51	4%	0
010.99	Moisture, Miscellaneous (%)	0405	10.335	0.03000	9.5016	0.53837	0.08129	21	1.55	4%	0
010.99	Moisture, Miscellaneous (%)	0028	9.6100	0.44000	9.5016	0.53837	0.08129	21	0.20	1%	1
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.0149	0.11680	10.102	0.45295	0.12980	67	-4.61	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.3300	0.12000	10.102	0.45295	0.12980	67	-3.91	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.3550	0.13000	10.102	0.45295	0.12980	67	-3.86	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	8.8000	0.00000	10.102	0.45295	0.12980	67	-2.87	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.0350	0.03000	10.102	0.45295	0.12980	67	-2.36	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.0650	0.05000	10.102	0.45295	0.12980	67	-2.29	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.3600	0.04000	10.102	0.45295	0.12980	67	-1.64	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.3600	0.16000	10.102	0.45295	0.12980	67	-1.64	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	9.3800	0.06000	10.102	0.45295	0.12980	67	-1.59	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	9.4050	0.03000	10.102	0.45295	0.12980	67	-1.54	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.4514	0.04050	10.102	0.45295	0.12980	67	-1.44	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.6150	0.03000	10.102	0.45295	0.12980	67	-1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	9.7100	0.32000	10.102	0.45295	0.12980	67	-0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.7200	0.02000	10.102	0.45295	0.12980	67	-0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.8000	0.38000	10.102	0.45295	0.12980	67	-0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	9.9000	0.00000	10.102	0.45295	0.12980	67	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.9000	0.00000	10.102	0.45295	0.12980	67	-0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	9.9203	0.09530	10.102	0.45295	0.12980	67	-0.40	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.9365	0.05900	10.102	0.45295	0.12980	67	-0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.9495	0.02900	10.102	0.45295	0.12980	67	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.9600	0.30000	10.102	0.45295	0.12980	67	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.9900	0.10000	10.102	0.45295	0.12980	67	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.9900	0.04000	10.102	0.45295	0.12980	67	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.002	0.38600	10.102	0.45295	0.12980	67	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.015	0.01000	10.102	0.45295	0.12980	67	-0.19	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	10.040	0.28000	10.102	0.45295	0.12980	67	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	10.050	0.10000	10.102	0.45295	0.12980	67	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.050	0.10000	10.102	0.45295	0.12980	67	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.060	0.12000	10.102	0.45295	0.12980	67	-0.09	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.095	0.21000	10.102	0.45295	0.12980	67	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.100	0.09200	10.102	0.45295	0.12980	67	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.109	0.08390	10.102	0.45295	0.12980	67	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	10.130	0.00000	10.102	0.45295	0.12980	67	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.150	0.18000	10.102	0.45295	0.12980	67	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	10.164	0.03100	10.102	0.45295	0.12980	67	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.200	0.00000	10.102	0.45295	0.12980	67	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.200	0.20000	10.102	0.45295	0.12980	67	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.215	0.05000	10.102	0.45295	0.12980	67	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.220	0.02000	10.102	0.45295	0.12980	67	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.245	0.15000	10.102	0.45295	0.12980	67	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	10.245	0.01000	10.102	0.45295	0.12980	67	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	10.260	0.12000	10.102	0.45295	0.12980	67	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0615	10.275	0.39000	10.102	0.45295	0.12980	67	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.285	0.03000	10.102	0.45295	0.12980	67	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.292	0.03300	10.102	0.45295	0.12980	67	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.300	0.00000	10.102	0.45295	0.12980	67	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.310	0.08000	10.102	0.45295	0.12980	67	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.315	0.01000	10.102	0.45295	0.12980	67	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.320	0.06000	10.102	0.45295	0.12980	67	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.350	0.00000	10.102	0.45295	0.12980	67	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.365	0.17000	10.102	0.45295	0.12980	67	0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.400	0.08000	10.102	0.45295	0.12980	67	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.400	0.14000	10.102	0.45295	0.12980	67	0.66	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.405	0.07000	10.102	0.45295	0.12980	67	0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.415	0.31000	10.102	0.45295	0.12980	67	0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.485	0.05000	10.102	0.45295	0.12980	67	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.495	0.11000	10.102	0.45295	0.12980	67	0.87	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.550	0.50000	10.102	0.45295	0.12980	67	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	10.560	0.08000	10.102	0.45295	0.12980	67	1.01	2%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0047	10.575	0.91000	10.102	0.45295	0.12980	67	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.600	0.32000	10.102	0.45295	0.12980	67	1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.670	0.54000	10.102	0.45295	0.12980	67	1.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	10.745	0.25000	10.102	0.45295	0.12980	67	1.42	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	10.755	0.03000	10.102	0.45295	0.12980	67	1.44	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	10.965	0.21000	10.102	0.45295	0.12980	67	1.91	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	10.975	0.01000	10.102	0.45295	0.12980	67	1.93	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	11.510	0.02000	10.102	0.45295	0.12980	67	3.11	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.8300	3.1200	10.102	0.45295	0.12980	67	-2.81	6%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.9000	0.20000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.075	0.17000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.345	0.07000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.8500	0.50000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	10.095	0.11000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.895	0.09000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	11.550	0.90000	12.350	0.69798	0.36471	10	-1.15	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	11.550	0.10000	12.350	0.69798	0.36471	10	-1.15	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	11.845	0.07000	12.350	0.69798	0.36471	10	-0.72	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	12.100	0.20000	12.350	0.69798	0.36471	10	-0.36	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	12.100	0.40000	12.350	0.69798	0.36471	10	-0.36	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0878	12.400	0.20000	12.350	0.69798	0.36471	10	0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	12.793	0.13710	12.350	0.69798	0.36471	10	0.63	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	12.866	0.00000	12.350	0.69798	0.36471	10	0.74	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	13.100	0.44000	12.350	0.69798	0.36471	10	1.07	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	13.200	1.2000	12.350	0.69798	0.36471	10	1.22	3%	0
012.01	Starch, Megazyme (%)	0918	5.8300	0.03200	9.5349	0.69623	0.60876	9	-5.32	19%	0
012.01	Starch, Megazyme (%)	0676	8.9400	0.36000	9.5349	0.69623	0.60876	9	-0.85	3%	0
012.01	Starch, Megazyme (%)	2004	9.3300	0.50000	9.5349	0.69623	0.60876	9	-0.29	1%	0
012.01	Starch, Megazyme (%)	0870	9.3381	0.25620	9.5349	0.69623	0.60876	9	-0.28	1%	0
012.01	Starch, Megazyme (%)	0693	9.5311	0.54060	9.5349	0.69623	0.60876	9	-0.01	0%	0
012.01	Starch, Megazyme (%)	0956	9.6500	0.30000	9.5349	0.69623	0.60876	9	0.17	1%	0
012.01	Starch, Megazyme (%)	0045	9.8550	0.49000	9.5349	0.69623	0.60876	9	0.46	2%	0
012.01	Starch, Megazyme (%)	0265	10.100	2.2000	9.5349	0.69623	0.60876	9	0.81	3%	0
012.01	Starch, Megazyme (%)	0164	11.900	0.80000	9.5349	0.69623	0.60876	9	3.40	12%	0
012.03	Starch, Enzymatic (%)	0098	8.9150	0.35000	9.6800	0.91647	0.25200	5	-0.83	4%	0
012.03	Starch, Enzymatic (%)	0407	9.2650	0.07000	9.6800	0.91647	0.25200	5	-0.45	2%	0
012.03	Starch, Enzymatic (%)	0297	9.3100	0.14000	9.6800	0.91647	0.25200	5	-0.40	2%	0
012.03	Starch, Enzymatic (%)	0148	9.6600	0.00000	9.6800	0.91647	0.25200	5	-0.02	0%	0
012.03	Starch, Enzymatic (%)	0955	11.250	0.70000	9.6800	0.91647	0.25200	5	1.71	8%	0
012.04	Starch, YSI Analyzer (%)	0160	8.1250	0.89000	9.9599	1.1837	0.33000	6	-1.55	9%	0
012.04	Starch, YSI Analyzer (%)	0353	9.4150	0.11000	9.9599	1.1837	0.33000	6	-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	
012.04	Starch, YSI Analyzer (%)	0510	9.9500	0.50000	9.9599	1.1837	0.33000	6	-0.01	0%	0
012.04	Starch, YSI Analyzer (%)	0208	10.450	0.10000	9.9599	1.1837	0.33000	6	0.41	2%	0
012.04	Starch, YSI Analyzer (%)	0278	10.700	0.20000	9.9599	1.1837	0.33000	6	0.63	4%	0
012.04	Starch, YSI Analyzer (%)	0948	11.060	0.18000	9.9599	1.1837	0.33000	6	0.93	6%	0
012.11	Starch, NIR (%)	0297	11.585	0.13000				2			0
012.11	Starch, NIR (%)	0852	19.310	0.26000				2			0
012.99	Starch, Miscellaneous (%)	2068	29.370	0.00000				1			0
013.00	Fat, Acid hydrolysis (%)	0618	6.1470	0.02800	9.1137	0.56809	0.14580	21	-5.22	16%	0
013.00	Fat, Acid hydrolysis (%)	2146	7.2450	0.17000	9.1137	0.56809	0.14580	21	-3.29	10%	0
013.00	Fat, Acid hydrolysis (%)	0504	8.5750	0.45000	9.1137	0.56809	0.14580	21	-0.95	3%	0
013.00	Fat, Acid hydrolysis (%)	2149	8.6550	0.03000	9.1137	0.56809	0.14580	21	-0.81	3%	0
013.00	Fat, Acid hydrolysis (%)	0083	8.7050	0.13000	9.1137	0.56809	0.14580	21	-0.72	2%	0
013.00	Fat, Acid hydrolysis (%)	0242	8.7100	0.12000	9.1137	0.56809	0.14580	21	-0.71	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	8.7450	0.05000	9.1137	0.56809	0.14580	21	-0.65	2%	0
013.00	Fat, Acid hydrolysis (%)	0297	8.7850	0.11000	9.1137	0.56809	0.14580	21	-0.58	2%	0
013.00	Fat, Acid hydrolysis (%)	0689	8.8000	0.20000	9.1137	0.56809	0.14580	21	-0.55	2%	0
013.00	Fat, Acid hydrolysis (%)	2004	9.2000	0.20000	9.1137	0.56809	0.14580	21	0.15	0%	0
013.00	Fat, Acid hydrolysis (%)	0139	9.2350	0.03000	9.1137	0.56809	0.14580	21	0.21	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	9.2800	0.04000	9.1137	0.56809	0.14580	21	0.29	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	9.3500	0.30000	9.1137	0.56809	0.14580	21	0.42	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	9.4000	0.20000	9.1137	0.56809	0.14580	21	0.50	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	9.4177	0.52090	9.1137	0.56809	0.14580	21	0.54	2%	0
013.00	Fat, Acid hydrolysis (%)	0948	9.4900	0.02000	9.1137	0.56809	0.14580	21	0.66	2%	0
013.00	Fat, Acid hydrolysis (%)	0615	9.4950	0.21000	9.1137	0.56809	0.14580	21	0.67	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	9.5350	0.07000	9.1137	0.56809	0.14580	21	0.74	2%	0
013.00	Fat, Acid hydrolysis (%)	2145	9.5550	0.03000	9.1137	0.56809	0.14580	21	0.78	2%	0
013.00	Fat, Acid hydrolysis (%)	0202	10.005	0.01000	9.1137	0.56809	0.14580	21	1.57	5%	0
013.00	Fat, Acid hydrolysis (%)	2076	10.299	0.14300	9.1137	0.56809	0.14580	21	2.09	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	7.8250	0.37000	9.7524	0.82551	0.18661	16	-2.33	10%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	8.5950	0.23000	9.7524	0.82551	0.18661	16	-1.40	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	9.1550	0.39000	9.7524	0.82551	0.18661	16	-0.72	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	9.2900	0.16000	9.7524	0.82551	0.18661	16	-0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	9.2900	0.04000	9.7524	0.82551	0.18661	16	-0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	9.4289	0.04580	9.7524	0.82551	0.18661	16	-0.39	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	9.4950	0.51000	9.7524	0.82551	0.18661	16	-0.31	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	9.5350	0.09000	9.7524	0.82551	0.18661	16	-0.26	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	9.8150	0.39000	9.7524	0.82551	0.18661	16	0.08	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	9.8650	0.03000	9.7524	0.82551	0.18661	16	0.14	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	9.9850	0.21000	9.7524	0.82551	0.18661	16	0.28	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	10.270	0.00000	9.7524	0.82551	0.18661	16	0.63	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	10.490	0.06000	9.7524	0.82551	0.18661	16	0.89	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	
013.02	Fat, Mojonnier, Bak Ext (%)	0921	10.570	0.14000	9.7524	0.82551	0.18661	16	0.99	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	10.760	0.00000	9.7524	0.82551	0.18661	16	1.22	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	10.980	0.32000	9.7524	0.82551	0.18661	16	1.49	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	11.060	1.0200	9.7524	0.82551	0.18661	16	1.58	7%	1
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0875	8.5650	0.09000	8.9597	0.48016	0.10865	6	-0.82	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0629	8.5900	0.12000	8.9597	0.48016	0.10865	6	-0.77	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	8.7481	0.07190	8.9597	0.48016	0.10865	6	-0.44	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	9.0250	0.31000	8.9597	0.48016	0.10865	6	0.14	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	9.1500	0.04000	8.9597	0.48016	0.10865	6	0.40	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	10.450	0.02000	8.9597	0.48016	0.10865	6	3.10	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	8.4230	0.02400	10.010	1.0108	0.26326	8	-1.57	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	9.4900	0.14000	10.010	1.0108	0.26326	8	-0.51	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	9.6200	0.18000	10.010	1.0108	0.26326	8	-0.39	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0407	9.7559	0.36910	10.010	1.0108	0.26326	8	-0.25	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	9.8755	0.22300	10.010	1.0108	0.26326	8	-0.13	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	10.670	0.64000	10.010	1.0108	0.26326	8	0.65	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	11.075	0.13000	10.010	1.0108	0.26326	8	1.05	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	11.100	0.40000	10.010	1.0108	0.26326	8	1.08	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	118.69	26.190	146.17	19.954	14.048	4	-1.38	9%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	149.50	7.0000	146.17	19.954	14.048	4	0.17	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	150.00	10.000	146.17	19.954	14.048	4	0.19	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	166.50	13.000	146.17	19.954	14.048	4	1.02	7%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	124.80	7.8000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	101.47	8.3603	119.18	15.271	11.892	5	-1.16	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	110.45	33.100	119.18	15.271	11.892	5	-0.57	4%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	114.50	1.0000	119.18	15.271	11.892	5	-0.31	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	130.50	9.0000	119.18	15.271	11.892	5	0.74	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	139.00	8.0000	119.18	15.271	11.892	5	1.30	8%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	58.500	6.4000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	169.50	13.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	13.965	0.95000	16.209	1.6428	1.1625	4	-1.37	7%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	16.420	2.0400	16.209	1.6428	1.1625	4	0.13	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	16.535	1.3100	16.209	1.6428	1.1625	4	0.20	1%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	17.915	0.35000	16.209	1.6428	1.1625	4	1.04	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	13.100	1.0000	14.809	2.3361	0.41170	4	-0.73	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	13.834	0.42680	14.809	2.3361	0.41170	4	-0.42	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	14.040	0.10000	14.809	2.3361	0.41170	4	-0.33	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	18.260	0.12000	14.809	2.3361	0.41170	4	1.48	12%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	8.0000	0.00000	13.490	3.7158	0.34000	4	-1.48	20%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	14.460	0.36000	13.490	3.7158	0.34000	4	0.26	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	15.500	1.0000	13.490	3.7158	0.34000	4	0.54	7%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	16.000	0.00000	13.490	3.7158	0.34000	4	0.68	9%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.0200	0.00000	1.1455	0.05877	0.01401	14	-2.14	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0800	0.00000	1.1455	0.05877	0.01401	14	-1.11	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.1041	0.03120	1.1455	0.05877	0.01401	14	-0.70	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.1050	0.01000	1.1455	0.05877	0.01401	14	-0.69	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.1200	0.00000	1.1455	0.05877	0.01401	14	-0.43	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.1250	0.01000	1.1455	0.05877	0.01401	14	-0.35	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	1.1350	0.01000	1.1455	0.05877	0.01401	14	-0.18	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.1400	0.00000	1.1455	0.05877	0.01401	14	-0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.1500	0.04000	1.1455	0.05877	0.01401	14	0.08	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.1875	0.02500	1.1455	0.05877	0.01401	14	0.71	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.1950	0.01000	1.1455	0.05877	0.01401	14	0.84	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.1955	0.02700	1.1455	0.05877	0.01401	14	0.85	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.2150	0.03000	1.1455	0.05877	0.01401	14	1.18	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.2275	0.00300	1.1455	0.05877	0.01401	14	1.40	4%	0
019.02	Calcium, Hach Method (%)	0536	1.6400	0.04000				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1780	0.00500				1			0
019.08	Calcium, EDTA (%)	0885	1.1130	0.02460	1.1610	0.04499	0.04869	7	-1.07	2%	0
019.08	Calcium, EDTA (%)	2009	1.1303	0.00620	1.1610	0.04499	0.04869	7	-0.68	1%	0
019.08	Calcium, EDTA (%)	0590	1.1350	0.01000	1.1610	0.04499	0.04869	7	-0.58	1%	0
019.08	Calcium, EDTA (%)	0629	1.1550	0.01000	1.1610	0.04499	0.04869	7	-0.13	0%	0
019.08	Calcium, EDTA (%)	0940	1.1800	0.16000	1.1610	0.04499	0.04869	7	0.42	1%	0
019.08	Calcium, EDTA (%)	0689	1.1850	0.03000	1.1610	0.04499	0.04869	7	0.53	1%	0
019.08	Calcium, EDTA (%)	0852	1.5500	0.10000	1.1610	0.04499	0.04869	7	8.65	17%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.2790	0.02800				1			0
019.31	Calcium, AAS, Dry ash (%)	0001	1.0570	0.00600	1.1522	0.05205	0.02630	23	-1.83	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.0742	0.03590	1.1522	0.05205	0.02630	23	-1.50	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.0750	0.03000	1.1522	0.05205	0.02630	23	-1.48	3%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0806	0.00110	1.1522	0.05205	0.02630	23	-1.38	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.1200	0.04000	1.1522	0.05205	0.02630	23	-0.62	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.1290	0.04400	1.1522	0.05205	0.02630	23	-0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.1305	0.02300	1.1522	0.05205	0.02630	23	-0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.1400	0.02000	1.1522	0.05205	0.02630	23	-0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.1445	0.02500	1.1522	0.05205	0.02630	23	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.1450	0.01000	1.1522	0.05205	0.02630	23	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.1500	0.00000	1.1522	0.05205	0.02630	23	-0.04	0%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.1600	0.04000	1.1522	0.05205	0.02630	23	0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.1650	0.01000	1.1522	0.05205	0.02630	23	0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1650	0.07000	1.1522	0.05205	0.02630	23	0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.1700	0.08000	1.1522	0.05205	0.02630	23	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.1724	0.00000	1.1522	0.05205	0.02630	23	0.39	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	
019.31	Calcium, AAS, Dry ash (%)	0014	1.1800	0.04000	1.1522	0.05205	0.02630	23	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1800	0.04000	1.1522	0.05205	0.02630	23	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.1800	0.02000	1.1522	0.05205	0.02630	23	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.1950	0.01000	1.1522	0.05205	0.02630	23	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.2100	0.02000	1.1522	0.05205	0.02630	23	1.11	3%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.2300	0.02000	1.1522	0.05205	0.02630	23	1.49	3%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.2800	0.02000	1.1522	0.05205	0.02630	23	2.46	6%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.80000	0.32000	1.1522	0.05205	0.02630	23	-6.77	15%	1
019.32	Calcium, AAS, Open vessel (%)	0612	1.1200	0.06000	1.1700	0.03342	0.04300	4	-23.09	3%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.1850	0.05000	1.1700	0.03342	0.04300	4	-0.58	0%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.1850	0.06200	1.1700	0.03342	0.04300	4	-0.58	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.1900	0.00000	1.1700	0.03342	0.04300	4	1.15	0%	0
019.33	Calcium, AAS, Microwave (%)	0504	1.1295	0.00700				3			0
019.33	Calcium, AAS, Microwave (%)	0300	1.1550	0.07000				3			0
019.33	Calcium, AAS, Microwave (%)	0010	1.2450	0.09000				3			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0650	0.01000	1.1444	0.05385	0.01946	25	-1.47	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0850	0.03000	1.1444	0.05385	0.01946	25	-1.10	3%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0950	0.01000	1.1444	0.05385	0.01946	25	-0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.0950	0.03000	1.1444	0.05385	0.01946	25	-0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.0950	0.01000	1.1444	0.05385	0.01946	25	-0.92	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.0981	0.02140	1.1444	0.05385	0.01946	25	-0.86	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.1000	0.00000	1.1444	0.05385	0.01946	25	-0.82	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.1200	0.02000	1.1444	0.05385	0.01946	25	-0.45	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.1300	0.00000	1.1444	0.05385	0.01946	25	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.1300	0.00000	1.1444	0.05385	0.01946	25	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.1350	0.01000	1.1444	0.05385	0.01946	25	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.1350	0.01000	1.1444	0.05385	0.01946	25	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.1350	0.01000	1.1444	0.05385	0.01946	25	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.1430	0.04800	1.1444	0.05385	0.01946	25	-0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1450	0.01000	1.1444	0.05385	0.01946	25	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.1450	0.01000	1.1444	0.05385	0.01946	25	0.01	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.1490	0.01600	1.1444	0.05385	0.01946	25	0.09	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.1500	0.10000	1.1444	0.05385	0.01946	25	0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.1700	0.04000	1.1444	0.05385	0.01946	25	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.1950	0.01000	1.1444	0.05385	0.01946	25	0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.2000	0.00000	1.1444	0.05385	0.01946	25	1.03	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.2195	0.00100	1.1444	0.05385	0.01946	25	1.39	3%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.2500	0.00000	1.1444	0.05385	0.01946	25	1.96	5%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.2500	0.02000	1.1444	0.05385	0.01946	25	1.96	5%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.2550	0.07000	1.1444	0.05385	0.01946	25	2.05	5%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1950	0.11000	1.1444	0.05385	0.01946	25	0.94	2%	1

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	1.0348	0.00960	1.1805	0.07470	0.02381	20	-1.95	6%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.1150	0.01000	1.1805	0.07470	0.02381	20	-0.88	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.1150	0.01000	1.1805	0.07470	0.02381	20	-0.88	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.1225	0.05590	1.1805	0.07470	0.02381	20	-0.78	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.1250	0.03000	1.1805	0.07470	0.02381	20	-0.74	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.1350	0.03800	1.1805	0.07470	0.02381	20	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.1350	0.03000	1.1805	0.07470	0.02381	20	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.1390	0.04600	1.1805	0.07470	0.02381	20	-0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.1550	0.01000	1.1805	0.07470	0.02381	20	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.1650	0.01000	1.1805	0.07470	0.02381	20	-0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.1750	0.05000	1.1805	0.07470	0.02381	20	-0.07	0%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.1774	0.01320	1.1805	0.07470	0.02381	20	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.1800	0.02000	1.1805	0.07470	0.02381	20	-0.01	0%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.2050	0.03000	1.1805	0.07470	0.02381	20	0.33	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.2243	0.01940	1.1805	0.07470	0.02381	20	0.59	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2600	0.00000	1.1805	0.07470	0.02381	20	1.06	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2640	0.00400	1.1805	0.07470	0.02381	20	1.12	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2650	0.01000	1.1805	0.07470	0.02381	20	1.13	4%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.2950	0.03000	1.1805	0.07470	0.02381	20	1.53	5%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.3650	0.05000	1.1805	0.07470	0.02381	20	2.47	8%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.0850	0.03000	1.1590	0.04441	0.02515	25	-1.67	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.1000	0.04000	1.1590	0.04441	0.02515	25	-1.33	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.1054	0.01250	1.1590	0.04441	0.02515	25	-1.21	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.1150	0.03000	1.1590	0.04441	0.02515	25	-0.99	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.1200	0.00200	1.1590	0.04441	0.02515	25	-0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.1250	0.03000	1.1590	0.04441	0.02515	25	-0.77	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.1300	0.04000	1.1590	0.04441	0.02515	25	-0.65	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.1355	0.07500	1.1590	0.04441	0.02515	25	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.1480	0.00400	1.1590	0.04441	0.02515	25	-0.25	0%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.1500	0.02000	1.1590	0.04441	0.02515	25	-0.20	0%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.1550	0.05000	1.1590	0.04441	0.02515	25	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.1550	0.07000	1.1590	0.04441	0.02515	25	-0.09	0%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.1600	0.00000	1.1590	0.04441	0.02515	25	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1650	0.01000	1.1590	0.04441	0.02515	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.1650	0.01000	1.1590	0.04441	0.02515	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.1650	0.01000	1.1590	0.04441	0.02515	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.1650	0.01000	1.1590	0.04441	0.02515	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.1676	0.03620	1.1590	0.04441	0.02515	25	0.19	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1700	0.02000	1.1590	0.04441	0.02515	25	0.25	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.1950	0.01000	1.1590	0.04441	0.02515	25	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.2000	0.00000	1.1590	0.04441	0.02515	25	0.92	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	
019.43	Calcium, ICP, Microwave (%)	2089	1.2150	0.03000	1.1590	0.04441	0.02515	25	1.26	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.2350	0.05000	1.1590	0.04441	0.02515	25	1.71	3%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.2600	0.00000	1.1590	0.04441	0.02515	25	2.27	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.2805	0.03900	1.1590	0.04441	0.02515	25	2.73	5%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.2825	0.12300	1.1590	0.04441	0.02515	25	2.78	5%	1
019.44	Calcium, ICP, Dry ash (%)	2004	1.1250	0.01000				1			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.0985	0.00300				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0835	0.11500				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.1600	0.02000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.1900	0.02000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	1.1840	0.03400	1.2106	0.03453	0.03325	4	-0.77	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1900	0.02000	1.2106	0.03453	0.03325	4	-0.60	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0034	1.2085	0.03900	1.2106	0.03453	0.03325	4	-0.06	0%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.2600	0.04000	1.2106	0.03453	0.03325	4	1.43	2%	0
019.99	Calcium, Miscellaneous (%)	0590	1.0300	0.02000	1.1692	0.09306	0.02167	6	-1.50	6%	0
019.99	Calcium, Miscellaneous (%)	2145	1.1250	0.01000	1.1692	0.09306	0.02167	6	-0.47	2%	0
019.99	Calcium, Miscellaneous (%)	0242	1.1650	0.01000	1.1692	0.09306	0.02167	6	-0.04	0%	0
019.99	Calcium, Miscellaneous (%)	0676	1.2150	0.03000	1.1692	0.09306	0.02167	6	0.49	2%	0
019.99	Calcium, Miscellaneous (%)	2144	1.2300	0.00000	1.1692	0.09306	0.02167	6	0.65	3%	0
019.99	Calcium, Miscellaneous (%)	0100	1.2500	0.06000	1.1692	0.09306	0.02167	6	0.87	3%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	12.100	0.40000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	12.500	1.0000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	14.320	0.30000				3			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	15.645	0.33000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	9.3950	0.21000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	13.840	0.00000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	8.0000	0.00000	9.2477	1.2200	0.68480	4	-1.02	7%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	8.8257	0.68920	9.2477	1.2200	0.68480	4	-0.35	2%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	9.2650	1.4500	9.2477	1.2200	0.68480	4	0.01	0%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	10.900	0.60000	9.2477	1.2200	0.68480	4	1.35	9%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	7.1050	0.13000	10.816	2.7412	0.79326	5	-1.11	16%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	8.8050	0.89000	10.816	2.7412	0.79326	5	-0.53	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	11.985	0.37000	10.816	2.7412	0.79326	5	0.55	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	12.584	2.3763	10.816	2.7412	0.79326	5	0.75	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	13.600	0.20000	10.816	2.7412	0.79326	5	1.09	16%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	6.6250	0.31000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	7.1800	0.02000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	5.7795	1.1830				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	6.2072	0.02440				2			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	67.550	5.4000	86.565	8.5548	2.3536	18	-2.22	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	74.205	3.6500	86.565	8.5548	2.3536	18	-1.44	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	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	78.255	3.6100	86.565	8.5548	2.3536	18	-0.97	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	79.500	1.0000	86.565	8.5548	2.3536	18	-0.83	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	82.165	0.49000	86.565	8.5548	2.3536	18	-0.51	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0849	82.868	1.5150	86.565	8.5548	2.3536	18	-0.43	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	83.500	1.0000	86.565	8.5548	2.3536	18	-0.36	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	84.170	0.22000	86.565	8.5548	2.3536	18	-0.28	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	86.950	7.9000	86.565	8.5548	2.3536	18	0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	87.050	1.3000	86.565	8.5548	2.3536	18	0.06	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	87.380	0.70000	86.565	8.5548	2.3536	18	0.10	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	89.685	2.5500	86.565	8.5548	2.3536	18	0.36	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	90.750	1.9000	86.565	8.5548	2.3536	18	0.49	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	91.000	2.0000	86.565	8.5548	2.3536	18	0.52	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	93.650	7.3000	86.565	8.5548	2.3536	18	0.83	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	95.430	1.3400	86.565	8.5548	2.3536	18	1.04	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	98.875	0.49000	86.565	8.5548	2.3536	18	1.44	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	99.000	0.00000	86.565	8.5548	2.3536	18	1.45	7%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	86.500	13.000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	94.285	1.3700				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	101.00	2.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	84.185	8.0500				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	94.900	0.80000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	100.20	0.26600				3			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	54.580	0.38000	81.825	11.098	4.2954	21	-2.45	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	57.500	3.0000	81.825	11.098	4.2954	21	-2.19	15%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	62.370	3.6200	81.825	11.098	4.2954	21	-1.75	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	68.745	3.8700	81.825	11.098	4.2954	21	-1.18	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	69.505	1.4500	81.825	11.098	4.2954	21	-1.11	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	76.955	2.4700	81.825	11.098	4.2954	21	-0.44	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2145	80.750	2.5000	81.825	11.098	4.2954	21	-0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	81.000	2.0000	81.825	11.098	4.2954	21	-0.07	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	82.295	14.710	81.825	11.098	4.2954	21	0.04	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	82.500	3.0000	81.825	11.098	4.2954	21	0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	83.050	5.5000	81.825	11.098	4.2954	21	0.11	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	85.000	10.000	81.825	11.098	4.2954	21	0.29	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	85.558	0.97260	81.825	11.098	4.2954	21	0.34	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	85.900	8.0000	81.825	11.098	4.2954	21	0.37	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	89.610	0.28000	81.825	11.098	4.2954	21	0.70	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	90.000	4.0000	81.825	11.098	4.2954	21	0.74	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	90.000	0.00000	81.825	11.098	4.2954	21	0.74	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	92.500	3.0000	81.825	11.098	4.2954	21	0.96	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	92.675	15.150	81.825	11.098	4.2954	21	0.98	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	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	93.000	4.0000	81.825	11.098	4.2954	21	1.01	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	93.750	2.3000	81.825	11.098	4.2954	21	1.07	7%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	61.350	3.5000	96.198	6.1445	3.7510	20	-5.67	18%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	88.035	0.31000	96.198	6.1445	3.7510	20	-1.33	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	88.500	11.800	96.198	6.1445	3.7510	20	-1.25	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	88.500	5.0000	96.198	6.1445	3.7510	20	-1.25	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	91.350	0.41200	96.198	6.1445	3.7510	20	-0.79	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	92.500	11.000	96.198	6.1445	3.7510	20	-0.60	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	93.150	4.3000	96.198	6.1445	3.7510	20	-0.50	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	96.200	3.2000	96.198	6.1445	3.7510	20	0.00	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	96.832	2.7722	96.198	6.1445	3.7510	20	0.10	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	97.050	2.1000	96.198	6.1445	3.7510	20	0.14	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	97.350	0.50000	96.198	6.1445	3.7510	20	0.19	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	97.410	0.04000	96.198	6.1445	3.7510	20	0.20	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	98.500	5.0000	96.198	6.1445	3.7510	20	0.37	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	99.110	0.10000	96.198	6.1445	3.7510	20	0.47	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	100.70	6.9950	96.198	6.1445	3.7510	20	0.73	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	100.83	0.95000	96.198	6.1445	3.7510	20	0.75	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	101.05	3.9000	96.198	6.1445	3.7510	20	0.79	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	102.00	0.80000	96.198	6.1445	3.7510	20	0.94	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	102.50	5.0000	96.198	6.1445	3.7510	20	1.03	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	114.93	7.3400	96.198	6.1445	3.7510	20	3.05	10%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	82.150	2.7000	93.066	5.5351	2.7956	23	-1.97	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	84.000	0.00000	93.066	5.5351	2.7956	23	-1.64	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	87.350	0.90000	93.066	5.5351	2.7956	23	-1.03	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	88.500	1.0000	93.066	5.5351	2.7956	23	-0.82	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	88.700	3.6000	93.066	5.5351	2.7956	23	-0.79	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	89.500	3.0000	93.066	5.5351	2.7956	23	-0.64	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	90.000	6.0000	93.066	5.5351	2.7956	23	-0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	90.170	1.4200	93.066	5.5351	2.7956	23	-0.52	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	90.495	1.7900	93.066	5.5351	2.7956	23	-0.46	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	91.000	2.0000	93.066	5.5351	2.7956	23	-0.37	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	91.470	3.8200	93.066	5.5351	2.7956	23	-0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	93.200	0.00000	93.066	5.5351	2.7956	23	0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	94.500	3.0000	93.066	5.5351	2.7956	23	0.26	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	94.500	1.0000	93.066	5.5351	2.7956	23	0.26	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	94.700	4.6000	93.066	5.5351	2.7956	23	0.30	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	95.345	1.8100	93.066	5.5351	2.7956	23	0.41	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	96.000	2.0000	93.066	5.5351	2.7956	23	0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	96.500	3.5200	93.066	5.5351	2.7956	23	0.62	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	97.500	7.0000	93.066	5.5351	2.7956	23	0.80	2%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	99.202	1.6894	93.066	5.5351	2.7956	23	1.11	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	99.891	7.6490	93.066	5.5351	2.7956	23	1.23	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	101.10	3.8000	93.066	5.5351	2.7956	23	1.45	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	111.00	2.0000	93.066	5.5351	2.7956	23	3.24	10%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	91.400	5.6000				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	85.250	0.90000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	93.850	2.3000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	97.790	8.0400				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	89.250	9.5000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	97.600	1.0000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	84.400	3.0000	92.490	9.8769	1.7840	5	-0.82	4%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2144	84.800	0.82000	92.490	9.8769	1.7840	5	-0.78	4%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	91.500	1.0000	92.490	9.8769	1.7840	5	-0.10	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	93.000	2.0000	92.490	9.8769	1.7840	5	0.05	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	108.75	2.1000	92.490	9.8769	1.7840	5	1.65	9%	0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	9.2000	0.20000				1			0
024.01	Iodine, Elm-Cald (mg / kg (ppm))	0186	4.0000	0.00000				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0169	4.7850	0.11000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	540.00	20.000	632.10	66.707	23.615	18	-1.38	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	544.25	67.000	632.10	66.707	23.615	18	-1.32	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	580.97	11.430	632.10	66.707	23.615	18	-0.77	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	586.50	13.000	632.10	66.707	23.615	18	-0.68	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	591.40	18.600	632.10	66.707	23.615	18	-0.61	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	595.00	10.000	632.10	66.707	23.615	18	-0.56	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	608.90	5.0000	632.10	66.707	23.615	18	-0.35	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	615.00	44.000	632.10	66.707	23.615	18	-0.26	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	615.10	14.600	632.10	66.707	23.615	18	-0.25	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	624.50	11.000	632.10	66.707	23.615	18	-0.11	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	633.00	0.00000	632.10	66.707	23.615	18	0.01	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	639.73	0.92000	632.10	66.707	23.615	18	0.11	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0849	644.93	10.135	632.10	66.707	23.615	18	0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	676.50	3.0000	632.10	66.707	23.615	18	0.67	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	711.00	74.000	632.10	66.707	23.615	18	1.18	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	716.25	29.300	632.10	66.707	23.615	18	1.26	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	722.69	89.380	632.10	66.707	23.615	18	1.36	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	755.85	3.7000	632.10	66.707	23.615	18	1.86	10%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	603.00	34.000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	673.55	27.100				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	657.25	53.100				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	789.26	27.047				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	350.11	26.200	611.50	41.713	9.0720	21	-6.27	21%	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))	2145	524.50	5.0000	611.50	41.713	9.0720	21	-2.09	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	540.89	0.29000	611.50	41.713	9.0720	21	-1.69	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	581.85	2.7824	611.50	41.713	9.0720	21	-0.71	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	583.25	2.1000	611.50	41.713	9.0720	21	-0.68	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	588.50	7.0000	611.50	41.713	9.0720	21	-0.55	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	592.00	12.000	611.50	41.713	9.0720	21	-0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	600.25	11.700	611.50	41.713	9.0720	21	-0.27	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	606.00	10.000	611.50	41.713	9.0720	21	-0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	609.70	15.200	611.50	41.713	9.0720	21	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	614.00	14.000	611.50	41.713	9.0720	21	0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	618.50	15.000	611.50	41.713	9.0720	21	0.17	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	618.96	9.7800	611.50	41.713	9.0720	21	0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	621.35	6.3000	611.50	41.713	9.0720	21	0.24	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	632.00	6.0000	611.50	41.713	9.0720	21	0.49	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	637.17	1.1500	611.50	41.713	9.0720	21	0.62	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	646.00	8.0000	611.50	41.713	9.0720	21	0.83	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	654.00	8.0000	611.50	41.713	9.0720	21	1.02	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	655.50	3.0000	611.50	41.713	9.0720	21	1.05	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	667.30	13.800	611.50	41.713	9.0720	21	1.34	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	668.40	13.210	611.50	41.713	9.0720	21	1.36	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	637.50	81.000	611.50	41.713	9.0720	21	0.62	2%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	157.52	6.6400	535.11	147.94	27.492	17	-2.55	35%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	245.65	6.3000	535.11	147.94	27.492	17	-1.96	27%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	278.50	45.000	535.11	147.94	27.492	17	-1.73	24%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	353.00	64.000	535.11	147.94	27.492	17	-1.23	17%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	496.75	0.50000	535.11	147.94	27.492	17	-0.26	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	529.25	27.500	535.11	147.94	27.492	17	-0.04	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	534.50	3.0000	535.11	147.94	27.492	17	0.00	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	557.40	32.200	535.11	147.94	27.492	17	0.15	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	580.50	47.000	535.11	147.94	27.492	17	0.31	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	609.00	8.0000	535.11	147.94	27.492	17	0.50	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	619.52	2.0400	535.11	147.94	27.492	17	0.57	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	631.00	68.000	535.11	147.94	27.492	17	0.65	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	641.39	12.459	535.11	147.94	27.492	17	0.72	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	645.92	30.730	535.11	147.94	27.492	17	0.75	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	646.00	48.000	535.11	147.94	27.492	17	0.75	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	646.00	34.000	535.11	147.94	27.492	17	0.75	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	667.00	32.000	535.11	147.94	27.492	17	0.89	12%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	312.00	74.000	608.03	58.955	18.195	20	-5.02	24%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	431.50	33.000	608.03	58.955	18.195	20	-2.99	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	513.50	5.0000	608.03	58.955	18.195	20	-1.60	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	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	546.50	9.0000	608.03	58.955	18.195	20	-1.04	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	580.24	2.0200	608.03	58.955	18.195	20	-0.47	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	582.00	0.00000	608.03	58.955	18.195	20	-0.44	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	589.00	20.000	608.03	58.955	18.195	20	-0.32	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	594.50	7.0000	608.03	58.955	18.195	20	-0.23	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	595.50	11.000	608.03	58.955	18.195	20	-0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	614.40	15.550	608.03	58.955	18.195	20	0.11	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	624.00	20.000	608.03	58.955	18.195	20	0.27	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	624.50	15.000	608.03	58.955	18.195	20	0.28	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	628.50	31.000	608.03	58.955	18.195	20	0.35	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	640.50	23.000	608.03	58.955	18.195	20	0.55	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	653.50	31.000	608.03	58.955	18.195	20	0.77	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	654.80	5.2000	608.03	58.955	18.195	20	0.79	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	657.26	11.426	608.03	58.955	18.195	20	0.84	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	658.70	0.00000	608.03	58.955	18.195	20	0.86	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0027	661.39	15.710	608.03	58.955	18.195	20	0.91	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	720.50	35.000	608.03	58.955	18.195	20	1.91	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	408.00	124.00	608.03	58.955	18.195	20	-3.39	16%	1
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	608.00	7.4000				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	277.50	9.0000				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	499.95	16.300				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	557.12	44.230				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	630.50	15.000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0034	642.65	4.1000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	593.50	1.0000	641.49	34.170	3.8750	4	-1.40	4%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	648.50	9.0000	641.49	34.170	3.8750	4	0.21	1%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	649.50	5.0000	641.49	34.170	3.8750	4	0.23	1%	0
025.99	Iron, Miscellaneous (mg / kg (ppm))	2129	674.45	0.50000	641.49	34.170	3.8750	4	0.96	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.27600	0.01400	0.31174	0.01570	0.00803	17	-2.28	6%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.29005	0.00010	0.31174	0.01570	0.00803	17	-1.38	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.29500	0.01000	0.31174	0.01570	0.00803	17	-1.07	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0596	0.30000	0.00000	0.31174	0.01570	0.00803	17	-0.75	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.30500	0.01000	0.31174	0.01570	0.00803	17	-0.43	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.30500	0.01000	0.31174	0.01570	0.00803	17	-0.43	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.31000	0.00000	0.31174	0.01570	0.00803	17	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.31000	0.00000	0.31174	0.01570	0.00803	17	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.31000	0.02000	0.31174	0.01570	0.00803	17	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.31000	0.00000	0.31174	0.01570	0.00803	17	-0.11	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.31450	0.00700	0.31174	0.01570	0.00803	17	0.18	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.32200	0.00800	0.31174	0.01570	0.00803	17	0.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.32400	0.01200	0.31174	0.01570	0.00803	17	0.78	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	
027.31	Magnesium, AAS, Dry ash (%)	0505	0.32500	0.01000	0.31174	0.01570	0.00803	17	0.84	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.32560	0.00540	0.31174	0.01570	0.00803	17	0.88	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.33000	0.00000	0.31174	0.01570	0.00803	17	1.16	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.35500	0.03000	0.31174	0.01570	0.00803	17	2.76	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.32500	0.05000	0.31174	0.01570	0.00803	17	0.84	2%	1
027.32	Magnesium, AAS, Open vessel (%)	0035	0.33000	0.00000				3			0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.33025	0.00790				3			0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.34150	0.00100				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.28680	0.00660				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.34900	0.00440				2			0
027.35	Magnesium, AAS, Open vessel (%)	0612	0.36500	0.01000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.30500	0.01000	0.32770	0.01255	0.00848	23	-1.81	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.30875	0.00910	0.32770	0.01255	0.00848	23	-1.51	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.31000	0.00000	0.32770	0.01255	0.00848	23	-1.41	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.31550	0.00500	0.32770	0.01255	0.00848	23	-0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.32000	0.00000	0.32770	0.01255	0.00848	23	-0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.32000	0.02000	0.32770	0.01255	0.00848	23	-0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.32000	0.00000	0.32770	0.01255	0.00848	23	-0.61	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.32500	0.01000	0.32770	0.01255	0.00848	23	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.32500	0.01000	0.32770	0.01255	0.00848	23	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.32500	0.01000	0.32770	0.01255	0.00848	23	-0.22	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.32650	0.00100	0.32770	0.01255	0.00848	23	-0.10	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.33000	0.00000	0.32770	0.01255	0.00848	23	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.33000	0.00400	0.32770	0.01255	0.00848	23	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.33000	0.00000	0.32770	0.01255	0.00848	23	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.33000	0.02000	0.32770	0.01255	0.00848	23	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.33130	0.00200	0.32770	0.01255	0.00848	23	0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.33350	0.01100	0.32770	0.01255	0.00848	23	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.33450	0.00300	0.32770	0.01255	0.00848	23	0.54	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.33500	0.01000	0.32770	0.01255	0.00848	23	0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.34000	0.02000	0.32770	0.01255	0.00848	23	0.98	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.34500	0.01000	0.32770	0.01255	0.00848	23	1.38	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.35500	0.01000	0.32770	0.01255	0.00848	23	2.18	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.37500	0.03000	0.32770	0.01255	0.00848	23	3.77	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.29705	0.00490	0.33430	0.01449	0.00978	18	-2.57	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.31500	0.01000	0.33430	0.01449	0.00978	18	-1.33	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.31710	0.00700	0.33430	0.01449	0.00978	18	-1.19	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.32500	0.01000	0.33430	0.01449	0.00978	18	-0.64	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.32500	0.01000	0.33430	0.01449	0.00978	18	-0.64	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.32500	0.01000	0.33430	0.01449	0.00978	18	-0.64	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.32600	0.02800	0.33430	0.01449	0.00978	18	-0.57	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	
027.42	Magnesium, ICP, Open vessel (%)	0685	0.33000	0.00000	0.33430	0.01449	0.00978	18	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.33350	0.00700	0.33430	0.01449	0.00978	18	-0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.33795	0.00210	0.33430	0.01449	0.00978	18	0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.34000	0.00000	0.33430	0.01449	0.00978	18	0.39	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.34305	0.01910	0.33430	0.01449	0.00978	18	0.60	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.34500	0.01000	0.33430	0.01449	0.00978	18	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.34500	0.01000	0.33430	0.01449	0.00978	18	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.34500	0.03000	0.33430	0.01449	0.00978	18	0.74	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.34855	0.00250	0.33430	0.01449	0.00978	18	0.98	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.35155	0.00050	0.33430	0.01449	0.00978	18	1.19	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.35220	0.01500	0.33430	0.01449	0.00978	18	1.24	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	3,230.5	121.00	0.33430	0.01449	0.00978	18	222957.20	483118%	2
027.43	Magnesium, ICP, Microwave (%)	0038	0.29750	0.00100	0.32729	0.01377	0.00826	24	-2.16	5%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.30500	0.01000	0.32729	0.01377	0.00826	24	-1.62	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.31000	0.00000	0.32729	0.01377	0.00826	24	-1.26	3%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.31500	0.01000	0.32729	0.01377	0.00826	24	-0.89	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.31500	0.01000	0.32729	0.01377	0.00826	24	-0.89	2%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.31900	0.00800	0.32729	0.01377	0.00826	24	-0.60	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.31950	0.00100	0.32729	0.01377	0.00826	24	-0.57	1%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.32000	0.00000	0.32729	0.01377	0.00826	24	-0.53	1%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.32350	0.00700	0.32729	0.01377	0.00826	24	-0.28	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.32500	0.01000	0.32729	0.01377	0.00826	24	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.32500	0.01000	0.32729	0.01377	0.00826	24	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.32500	0.03000	0.32729	0.01377	0.00826	24	-0.17	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.32800	0.00200	0.32729	0.01377	0.00826	24	0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.32850	0.00900	0.32729	0.01377	0.00826	24	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.33000	0.02000	0.32729	0.01377	0.00826	24	0.20	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.33000	0.00000	0.32729	0.01377	0.00826	24	0.20	0%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.33400	0.02600	0.32729	0.01377	0.00826	24	0.49	1%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.33650	0.00300	0.32729	0.01377	0.00826	24	0.67	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.33680	0.00520	0.32729	0.01377	0.00826	24	0.69	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.34000	0.02000	0.32729	0.01377	0.00826	24	0.92	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.34000	0.00000	0.32729	0.01377	0.00826	24	0.92	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.34500	0.01000	0.32729	0.01377	0.00826	24	1.29	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.35800	0.00600	0.32729	0.01377	0.00826	24	2.23	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.41000	0.00000	0.32729	0.01377	0.00826	24	6.01	13%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.31550	0.00100				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.31145	0.03990				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.31350	0.00300				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.32000	0.02000				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0034	0.34245	0.00710				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			
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.34950	0.00100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.35700	0.01000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.33000	0.00000	0.34750	0.02021	0.00500	4	-0.87	3%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.33500	0.01000	0.34750	0.02021	0.00500	4	-0.62	2%	0
027.99	Magnesium, Miscellaneous (%)	2144	0.35000	0.00000	0.34750	0.02021	0.00500	4	0.12	0%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.37500	0.01000	0.34750	0.02021	0.00500	4	1.36	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	168.50	5.0000	183.05	8.8233	5.4241	15	-1.65	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	175.00	2.0000	183.05	8.8233	5.4241	15	-0.91	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	175.30	1.2000	183.05	8.8233	5.4241	15	-0.88	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	177.73	1.7200	183.05	8.8233	5.4241	15	-0.60	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	178.00	7.2000	183.05	8.8233	5.4241	15	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	178.00	0.00000	183.05	8.8233	5.4241	15	-0.57	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	178.50	1.0000	183.05	8.8233	5.4241	15	-0.52	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	181.49	12.500	183.05	8.8233	5.4241	15	-0.18	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	185.45	2.6213	183.05	8.8233	5.4241	15	0.27	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	188.25	8.1000	183.05	8.8233	5.4241	15	0.59	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	188.88	11.250	183.05	8.8233	5.4241	15	0.66	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	189.40	1.4000	183.05	8.8233	5.4241	15	0.72	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	189.61	0.37000	183.05	8.8233	5.4241	15	0.74	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0014	194.00	16.000	183.05	8.8233	5.4241	15	1.24	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	200.50	11.000	183.05	8.8233	5.4241	15	1.98	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	989.08	1,619.6	183.05	8.8233	5.4241	15	91.35	220%	2
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	177.50	1.0000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	192.50	1.0000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	207.40	0.80000				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	177.98	8.5250				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	188.30	4.4000				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	136.57	4.6200	181.09	11.288	2.3842	21	-3.94	12%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	142.71	0.55000	181.09	11.288	2.3842	21	-3.40	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	153.00	0.00000	181.09	11.288	2.3842	21	-2.49	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	166.98	5.2480	181.09	11.288	2.3842	21	-1.25	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	172.35	0.70000	181.09	11.288	2.3842	21	-0.77	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	178.00	2.0000	181.09	11.288	2.3842	21	-0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	178.50	3.0000	181.09	11.288	2.3842	21	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	178.50	3.0000	181.09	11.288	2.3842	21	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	180.30	7.4600	181.09	11.288	2.3842	21	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	182.60	4.6000	181.09	11.288	2.3842	21	0.13	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	183.30	2.8000	181.09	11.288	2.3842	21	0.20	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	183.50	5.0000	181.09	11.288	2.3842	21	0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	183.93	1.1200	181.09	11.288	2.3842	21	0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	186.00	0.00000	181.09	11.288	2.3842	21	0.43	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	187.50	1.0000	181.09	11.288	2.3842	21	0.57	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	187.50	1.0000	181.09	11.288	2.3842	21	0.57	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	188.00	4.0000	181.09	11.288	2.3842	21	0.61	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	189.70	0.00000	181.09	11.288	2.3842	21	0.76	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	190.75	1.1700	181.09	11.288	2.3842	21	0.86	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	195.00	2.0000	181.09	11.288	2.3842	21	1.23	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	200.80	0.80000	181.09	11.288	2.3842	21	1.75	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	164.50	7.0000	187.25	14.961	6.0483	18	-1.52	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	169.89	2.2200	187.25	14.961	6.0483	18	-1.16	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	174.80	4.0000	187.25	14.961	6.0483	18	-0.83	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	175.80	5.0000	187.25	14.961	6.0483	18	-0.77	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	176.62	2.0700	187.25	14.961	6.0483	18	-0.71	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	177.50	13.000	187.25	14.961	6.0483	18	-0.65	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	180.50	15.000	187.25	14.961	6.0483	18	-0.45	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	186.50	9.0000	187.25	14.961	6.0483	18	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	186.50	7.0000	187.25	14.961	6.0483	18	-0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	186.70	4.1092	187.25	14.961	6.0483	18	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	187.50	11.000	187.25	14.961	6.0483	18	0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	189.00	8.0000	187.25	14.961	6.0483	18	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	193.81	0.19000	187.25	14.961	6.0483	18	0.44	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	197.54	5.7200	187.25	14.961	6.0483	18	0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	197.85	0.70000	187.25	14.961	6.0483	18	0.71	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	206.53	0.86000	187.25	14.961	6.0483	18	1.29	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	209.00	8.0000	187.25	14.961	6.0483	18	1.45	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	214.00	6.0000	187.25	14.961	6.0483	18	1.79	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	167.50	11.000	185.47	8.4777	3.5594	23	-2.12	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	174.50	9.0000	185.47	8.4777	3.5594	23	-1.29	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	176.00	2.0000	185.47	8.4777	3.5594	23	-1.12	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	177.50	1.0000	185.47	8.4777	3.5594	23	-0.94	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	179.00	6.0000	185.47	8.4777	3.5594	23	-0.76	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	179.00	0.00000	185.47	8.4777	3.5594	23	-0.76	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	181.32	0.46000	185.47	8.4777	3.5594	23	-0.49	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	182.00	0.00000	185.47	8.4777	3.5594	23	-0.41	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	182.00	2.0000	185.47	8.4777	3.5594	23	-0.41	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	183.20	7.3200	185.47	8.4777	3.5594	23	-0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	183.50	1.0000	185.47	8.4777	3.5594	23	-0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	186.00	3.0684	185.47	8.4777	3.5594	23	0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	186.50	1.0000	185.47	8.4777	3.5594	23	0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	187.50	11.000	185.47	8.4777	3.5594	23	0.24	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	187.50	5.0000	185.47	8.4777	3.5594	23	0.24	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	188.00	0.00000	185.47	8.4777	3.5594	23	0.30	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	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	188.50	1.0000	185.47	8.4777	3.5594	23	0.36	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	190.00	0.40000	185.47	8.4777	3.5594	23	0.53	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	191.00	2.0000	185.47	8.4777	3.5594	23	0.65	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	195.42	0.00000	185.47	8.4777	3.5594	23	1.17	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	200.58	5.8170	185.47	8.4777	3.5594	23	1.78	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	202.84	6.3300	185.47	8.4777	3.5594	23	2.05	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	208.04	6.4700	185.47	8.4777	3.5594	23	2.66	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2152	176.44	0.02000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	178.50	1.0000				2			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	192.90	2.8000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	192.50	9.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	198.20	9.8000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	182.00	8.0000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	187.00	0.00000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0034	191.80	0.20000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	175.00	0.00000	193.38	14.952	3.5500	4	-1.04	3%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	189.00	0.00000	193.38	14.952	3.5500	4	0.09	0%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	199.50	1.0000	193.38	14.952	3.5500	4	0.95	3%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	210.00	13.200	193.38	14.952	3.5500	4	1.80	6%	0
031.00	Phosphorus, Vol (%)	0895	0.78500	0.01000				1			0
031.01	Phosphorus, Photometric (%)	0108	0.65000	0.04000	0.75708	0.02035	0.01078	40	-5.26	7%	0
031.01	Phosphorus, Photometric (%)	0874	0.69695	0.01170	0.75708	0.02035	0.01078	40	-2.95	4%	0
031.01	Phosphorus, Photometric (%)	0689	0.71000	0.00000	0.75708	0.02035	0.01078	40	-2.31	3%	0
031.01	Phosphorus, Photometric (%)	2009	0.72765	0.00310	0.75708	0.02035	0.01078	40	-1.45	2%	0
031.01	Phosphorus, Photometric (%)	0939	0.73000	0.02000	0.75708	0.02035	0.01078	40	-1.33	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.73500	0.01000	0.75708	0.02035	0.01078	40	-1.09	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.74000	0.00000	0.75708	0.02035	0.01078	40	-0.84	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.74250	0.01900	0.75708	0.02035	0.01078	40	-0.72	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.74420	0.00240	0.75708	0.02035	0.01078	40	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.74500	0.01000	0.75708	0.02035	0.01078	40	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.74500	0.01000	0.75708	0.02035	0.01078	40	-0.59	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.74800	0.00000	0.75708	0.02035	0.01078	40	-0.45	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.74990	0.01060	0.75708	0.02035	0.01078	40	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.75000	0.02000	0.75708	0.02035	0.01078	40	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0511	0.75000	0.00000	0.75708	0.02035	0.01078	40	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.75000	0.00200	0.75708	0.02035	0.01078	40	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0937	0.75000	0.00000	0.75708	0.02035	0.01078	40	-0.35	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.75200	0.00400	0.75708	0.02035	0.01078	40	-0.25	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.75200	0.00000	0.75708	0.02035	0.01078	40	-0.25	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.75450	0.00000	0.75708	0.02035	0.01078	40	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0035	0.75500	0.01000	0.75708	0.02035	0.01078	40	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0590	0.76000	0.00000	0.75708	0.02035	0.01078	40	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0596	0.76000	0.02000	0.75708	0.02035	0.01078	40	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.76000	0.02000	0.75708	0.02035	0.01078	40	0.14	0%	0
031.01	Phosphorus, Photometric (%)	0653	0.76200	0.01000	0.75708	0.02035	0.01078	40	0.24	0%	0
031.01	Phosphorus, Photometric (%)	0552	0.76500	0.03000	0.75708	0.02035	0.01078	40	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.76500	0.01000	0.75708	0.02035	0.01078	40	0.39	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.77000	0.02000	0.75708	0.02035	0.01078	40	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.77000	0.02000	0.75708	0.02035	0.01078	40	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0904	0.77000	0.00000	0.75708	0.02035	0.01078	40	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0622	0.77255	0.00570	0.75708	0.02035	0.01078	40	0.76	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.77500	0.03000	0.75708	0.02035	0.01078	40	0.88	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.77500	0.05000	0.75708	0.02035	0.01078	40	0.88	1%	0
031.01	Phosphorus, Photometric (%)	2093	0.77500	0.01000	0.75708	0.02035	0.01078	40	0.88	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.77550	0.00700	0.75708	0.02035	0.01078	40	0.91	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.78000	0.00200	0.75708	0.02035	0.01078	40	1.13	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.78500	0.01000	0.75708	0.02035	0.01078	40	1.37	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.79000	0.00000	0.75708	0.02035	0.01078	40	1.62	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.79725	0.00870	0.75708	0.02035	0.01078	40	1.97	3%	0
031.01	Phosphorus, Photometric (%)	0921	0.82150	0.00500	0.75708	0.02035	0.01078	40	3.17	4%	0
031.01	Phosphorus, Photometric (%)	0940	0.70500	0.07000	0.75708	0.02035	0.01078	40	-2.56	3%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.76350	0.00700				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.76500	0.01000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.70000	0.00000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.76025	0.00230				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.81500	0.01000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.68500	0.01000	0.75090	0.03126	0.01728	25	-2.11	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.70500	0.03000	0.75090	0.03126	0.01728	25	-1.47	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.71000	0.00000	0.75090	0.03126	0.01728	25	-1.31	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.72000	0.02000	0.75090	0.03126	0.01728	25	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.72500	0.01000	0.75090	0.03126	0.01728	25	-0.83	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.73000	0.02000	0.75090	0.03126	0.01728	25	-0.67	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.73000	0.00000	0.75090	0.03126	0.01728	25	-0.67	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.73500	0.01000	0.75090	0.03126	0.01728	25	-0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.73990	0.00360	0.75090	0.03126	0.01728	25	-0.35	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.74500	0.01000	0.75090	0.03126	0.01728	25	-0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.74500	0.01000	0.75090	0.03126	0.01728	25	-0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.75040	0.02800	0.75090	0.03126	0.01728	25	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.75100	0.04800	0.75090	0.03126	0.01728	25	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.75200	0.01800	0.75090	0.03126	0.01728	25	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.75500	0.05000	0.75090	0.03126	0.01728	25	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.75500	0.03000	0.75090	0.03126	0.01728	25	0.13	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	
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.76000	0.02600	0.75090	0.03126	0.01728	25	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.76000	0.00000	0.75090	0.03126	0.01728	25	0.29	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.76500	0.01000	0.75090	0.03126	0.01728	25	0.45	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.78500	0.01000	0.75090	0.03126	0.01728	25	1.09	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.78500	0.01000	0.75090	0.03126	0.01728	25	1.09	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.78750	0.01300	0.75090	0.03126	0.01728	25	1.17	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.79000	0.00000	0.75090	0.03126	0.01728	25	1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.79000	0.06000	0.75090	0.03126	0.01728	25	1.25	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.83575	0.00550	0.75090	0.03126	0.01728	25	2.71	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.66810	0.02640	0.74054	0.03176	0.01424	20	-2.28	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.68000	0.04000	0.74054	0.03176	0.01424	20	-1.91	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.70550	0.00180	0.74054	0.03176	0.01424	20	-1.10	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.71500	0.01000	0.74054	0.03176	0.01424	20	-0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.71500	0.01000	0.74054	0.03176	0.01424	20	-0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.72000	0.02000	0.74054	0.03176	0.01424	20	-0.65	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.72000	0.02000	0.74054	0.03176	0.01424	20	-0.65	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.73000	0.00000	0.74054	0.03176	0.01424	20	-0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.73500	0.01000	0.74054	0.03176	0.01424	20	-0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.73900	0.01000	0.74054	0.03176	0.01424	20	-0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.75050	0.00500	0.74054	0.03176	0.01424	20	0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.75250	0.00300	0.74054	0.03176	0.01424	20	0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.75690	0.04180	0.74054	0.03176	0.01424	20	0.51	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.75950	0.00300	0.74054	0.03176	0.01424	20	0.60	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.76290	0.01840	0.74054	0.03176	0.01424	20	0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.76500	0.00340	0.74054	0.03176	0.01424	20	0.77	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.77000	0.02000	0.74054	0.03176	0.01424	20	0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.77000	0.02000	0.74054	0.03176	0.01424	20	0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.77010	0.00620	0.74054	0.03176	0.01424	20	0.93	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.80910	0.01580	0.74054	0.03176	0.01424	20	2.16	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.74100	0.12600	0.74054	0.03176	0.01424	20	0.01	0%	1
031.43	Phosphorus, ICP, Microwave (%)	0043	0.68000	0.01400	0.75457	0.02943	0.01539	26	-2.53	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.69000	0.00000	0.75457	0.02943	0.01539	26	-2.19	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.71650	0.01900	0.75457	0.02943	0.01539	26	-1.29	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.72300	0.05000	0.75457	0.02943	0.01539	26	-1.07	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.72500	0.01000	0.75457	0.02943	0.01539	26	-1.00	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.72500	0.01000	0.75457	0.02943	0.01539	26	-1.00	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.73600	0.00000	0.75457	0.02943	0.01539	26	-0.63	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.73750	0.00500	0.75457	0.02943	0.01539	26	-0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.74500	0.03000	0.75457	0.02943	0.01539	26	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.74500	0.01000	0.75457	0.02943	0.01539	26	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.75500	0.01000	0.75457	0.02943	0.01539	26	0.01	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	
031.43	Phosphorus, ICP, Microwave (%)	0510	0.75500	0.05000	0.75457	0.02943	0.01539	26	0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.75620	0.00040	0.75457	0.02943	0.01539	26	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.76000	0.00000	0.75457	0.02943	0.01539	26	0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.76400	0.01600	0.75457	0.02943	0.01539	26	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.76500	0.07000	0.75457	0.02943	0.01539	26	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.76500	0.01000	0.75457	0.02943	0.01539	26	0.35	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.76700	0.01800	0.75457	0.02943	0.01539	26	0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.76700	0.00600	0.75457	0.02943	0.01539	26	0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.77000	0.00000	0.75457	0.02943	0.01539	26	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.77400	0.00200	0.75457	0.02943	0.01539	26	0.66	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.77500	0.03000	0.75457	0.02943	0.01539	26	0.69	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.77650	0.03100	0.75457	0.02943	0.01539	26	0.75	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.79790	0.00580	0.75457	0.02943	0.01539	26	1.47	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.80000	0.00000	0.75457	0.02943	0.01539	26	1.54	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.80180	0.00300	0.75457	0.02943	0.01539	26	1.60	3%	0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.75500	0.01400				1			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.66000	0.04200				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.68400	0.01200				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.71585	0.05530				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0034	0.76605	0.02810	0.80064	0.03978	0.01978	4	-0.87	2%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	0.78900	0.00800	0.80064	0.03978	0.01978	4	-0.29	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.78950	0.03500	0.80064	0.03978	0.01978	4	-0.28	1%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.85800	0.00800	0.80064	0.03978	0.01978	4	1.44	4%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.71000	0.00000	0.76164	0.04880	0.00667	6	-1.06	3%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.73000	0.00000	0.76164	0.04880	0.00667	6	-0.65	2%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.75500	0.01000	0.76164	0.04880	0.00667	6	-0.14	0%	0
031.99	Phosphorus, Miscellaneous (%)	2145	0.76500	0.01000	0.76164	0.04880	0.00667	6	0.07	0%	0
031.99	Phosphorus, Miscellaneous (%)	2144	0.77500	0.01000	0.76164	0.04880	0.00667	6	0.27	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.83500	0.01000	0.76164	0.04880	0.00667	6	1.50	5%	0
032.02	Potassium, Flame Emission (%)	0884	1.1400	0.04000				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	1.0350	0.07000	1.1789	0.06700	0.02896	16	-2.15	6%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.1050	0.01000	1.1789	0.06700	0.02896	16	-1.10	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.1100	0.00000	1.1789	0.06700	0.02896	16	-1.03	3%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.1200	0.00000	1.1789	0.06700	0.02896	16	-0.88	2%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.1200	0.02000	1.1789	0.06700	0.02896	16	-0.88	2%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.1700	0.08000	1.1789	0.06700	0.02896	16	-0.13	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.1836	0.00040	1.1789	0.06700	0.02896	16	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.1850	0.01000	1.1789	0.06700	0.02896	16	0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.1950	0.01000	1.1789	0.06700	0.02896	16	0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.1950	0.05000	1.1789	0.06700	0.02896	16	0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.2050	0.03000	1.1789	0.06700	0.02896	16	0.39	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	
032.31	Potassium, AAS, Dry ash (%)	0874	1.2050	0.03000	1.1789	0.06700	0.02896	16	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.2066	0.01800	1.1789	0.06700	0.02896	16	0.41	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.2250	0.01000	1.1789	0.06700	0.02896	16	0.69	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.3000	0.02000	1.1789	0.06700	0.02896	16	1.81	5%	0
032.31	Potassium, AAS, Dry ash (%)	0921	1.3025	0.10500	1.1789	0.06700	0.02896	16	1.84	5%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.1950	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.2200	0.04000				3			0
032.32	Potassium, AAS, Open vessel (%)	0612	1.2950	0.03000				3			0
032.41	Potassium, ICP, Dry ash (%)	0003	1.0050	0.03000	1.1623	0.04942	0.02325	22	-3.18	7%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.0950	0.01000	1.1623	0.04942	0.02325	22	-1.36	3%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.1050	0.03000	1.1623	0.04942	0.02325	22	-1.16	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.1100	0.02000	1.1623	0.04942	0.02325	22	-1.06	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.1172	0.01350	1.1623	0.04942	0.02325	22	-0.91	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.1200	0.04000	1.1623	0.04942	0.02325	22	-0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.1300	0.02000	1.1623	0.04942	0.02325	22	-0.65	1%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.1400	0.04000	1.1623	0.04942	0.02325	22	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.1550	0.01000	1.1623	0.04942	0.02325	22	-0.15	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.1600	0.04000	1.1623	0.04942	0.02325	22	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.1600	0.02000	1.1623	0.04942	0.02325	22	-0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.1650	0.03000	1.1623	0.04942	0.02325	22	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.1800	0.02000	1.1623	0.04942	0.02325	22	0.36	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.1905	0.01100	1.1623	0.04942	0.02325	22	0.57	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.1950	0.03000	1.1623	0.04942	0.02325	22	0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.1950	0.03000	1.1623	0.04942	0.02325	22	0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.1950	0.01000	1.1623	0.04942	0.02325	22	0.66	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.2000	0.00000	1.1623	0.04942	0.02325	22	0.76	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.2050	0.01000	1.1623	0.04942	0.02325	22	0.86	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.2100	0.00000	1.1623	0.04942	0.02325	22	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.2265	0.03900	1.1623	0.04942	0.02325	22	1.30	3%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.2290	0.05800	1.1623	0.04942	0.02325	22	1.35	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.0850	0.13000	1.1623	0.04942	0.02325	22	-1.56	3%	1
032.42	Potassium, ICP, Open vessel (%)	0560	1.0955	0.02530	1.2314	0.06068	0.02878	20	-2.24	6%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.1500	0.02000	1.2314	0.06068	0.02878	20	-1.34	3%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.1580	0.01000	1.2314	0.06068	0.02878	20	-1.21	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.1852	0.05580	1.2314	0.06068	0.02878	20	-0.76	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.1950	0.07000	1.2314	0.06068	0.02878	20	-0.60	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.1950	0.01000	1.2314	0.06068	0.02878	20	-0.60	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.2000	0.00000	1.2314	0.06068	0.02878	20	-0.52	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.2050	0.03000	1.2314	0.06068	0.02878	20	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.2050	0.01000	1.2314	0.06068	0.02878	20	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.2190	0.11000	1.2314	0.06068	0.02878	20	-0.20	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	
032.42	Potassium, ICP, Open vessel (%)	0263	1.2435	0.00300	1.2314	0.06068	0.02878	20	0.20	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.2570	0.00200	1.2314	0.06068	0.02878	20	0.42	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.2616	0.02740	1.2314	0.06068	0.02878	20	0.50	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.2700	0.02000	1.2314	0.06068	0.02878	20	0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.2700	0.10000	1.2314	0.06068	0.02878	20	0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.2700	0.00000	1.2314	0.06068	0.02878	20	0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.2810	0.01200	1.2314	0.06068	0.02878	20	0.82	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.2850	0.01000	1.2314	0.06068	0.02878	20	0.88	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.3150	0.01000	1.2314	0.06068	0.02878	20	1.38	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.4150	0.05000	1.2314	0.06068	0.02878	20	3.03	7%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.0900	0.04000	1.1868	0.04617	0.02753	28	-2.10	4%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.1250	0.01000	1.1868	0.04617	0.02753	28	-1.34	3%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.1350	0.01000	1.1868	0.04617	0.02753	28	-1.12	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.1400	0.04000	1.1868	0.04617	0.02753	28	-1.01	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.1450	0.03000	1.1868	0.04617	0.02753	28	-0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.1454	0.03050	1.1868	0.04617	0.02753	28	-0.90	2%	0
032.43	Potassium, ICP, Microwave (%)	0881	1.1480	0.01400	1.1868	0.04617	0.02753	28	-0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.1590	0.00200	1.1868	0.04617	0.02753	28	-0.60	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.1600	0.00000	1.1868	0.04617	0.02753	28	-0.58	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.1600	0.08000	1.1868	0.04617	0.02753	28	-0.58	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.1650	0.01000	1.1868	0.04617	0.02753	28	-0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.1650	0.03000	1.1868	0.04617	0.02753	28	-0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.1900	0.04000	1.1868	0.04617	0.02753	28	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.1900	0.04000	1.1868	0.04617	0.02753	28	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.1900	0.06000	1.1868	0.04617	0.02753	28	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0033	1.2000	0.02000	1.1868	0.04617	0.02753	28	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.2000	0.02000	1.1868	0.04617	0.02753	28	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.2000	0.00000	1.1868	0.04617	0.02753	28	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.2000	0.00000	1.1868	0.04617	0.02753	28	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.2035	0.01900	1.1868	0.04617	0.02753	28	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.2140	0.10000	1.1868	0.04617	0.02753	28	0.59	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.2200	0.04000	1.1868	0.04617	0.02753	28	0.72	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.2215	0.06700	1.1868	0.04617	0.02753	28	0.75	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.2250	0.03000	1.1868	0.04617	0.02753	28	0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.2500	0.00000	1.1868	0.04617	0.02753	28	1.37	3%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.2503	0.00040	1.1868	0.04617	0.02753	28	1.37	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.2710	0.00800	1.1868	0.04617	0.02753	28	1.82	4%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.2750	0.03000	1.1868	0.04617	0.02753	28	1.91	4%	0
032.44	Potassium, ICP, Dry ash (%)	2004	1.1050	0.01000				1			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.0640	0.00600				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.1800	0.00000				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			
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.1941	0.19670				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0034	1.2290	0.00200				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.2400	0.02000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.3350	0.01000				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.2250	0.01000				2			0
032.99	Potassium, Miscellaneous (%)	0242	1.2250	0.03000				2			0
033.00	Salt as chloride, Sol Cl (%)	0511	0.70000	0.00000	0.81167	0.05931	0.01514	25	-1.88	7%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.72500	0.03000	0.81167	0.05931	0.01514	25	-1.46	5%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.74000	0.02000	0.81167	0.05931	0.01514	25	-1.21	4%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.75400	0.02220	0.81167	0.05931	0.01514	25	-0.97	4%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.77200	0.02000	0.81167	0.05931	0.01514	25	-0.67	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.78000	0.00000	0.81167	0.05931	0.01514	25	-0.53	2%	0
033.00	Salt as chloride, Sol Cl (%)	0160	0.78500	0.01000	0.81167	0.05931	0.01514	25	-0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0878	0.78500	0.03000	0.81167	0.05931	0.01514	25	-0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.79000	0.02000	0.81167	0.05931	0.01514	25	-0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.79000	0.00000	0.81167	0.05931	0.01514	25	-0.37	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.79805	0.00190	0.81167	0.05931	0.01514	25	-0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.80000	0.02000	0.81167	0.05931	0.01514	25	-0.20	1%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.80500	0.01000	0.81167	0.05931	0.01514	25	-0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.80500	0.01000	0.81167	0.05931	0.01514	25	-0.11	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.81125	0.00910	0.81167	0.05931	0.01514	25	-0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	2145	0.82000	0.00000	0.81167	0.05931	0.01514	25	0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.82500	0.01000	0.81167	0.05931	0.01514	25	0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.83095	0.00230	0.81167	0.05931	0.01514	25	0.33	1%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.84000	0.02000	0.81167	0.05931	0.01514	25	0.48	2%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.84500	0.01000	0.81167	0.05931	0.01514	25	0.56	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.88150	0.02300	0.81167	0.05931	0.01514	25	1.18	4%	0
033.00	Salt as chloride, Sol Cl (%)	2093	0.88500	0.01000	0.81167	0.05931	0.01514	25	1.24	5%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.90000	0.00000	0.81167	0.05931	0.01514	25	1.49	5%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.96000	0.04000	0.81167	0.05931	0.01514	25	2.50	9%	0
033.00	Salt as chloride, Sol Cl (%)	2144	1.0100	0.06000	0.81167	0.05931	0.01514	25	3.34	12%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.68250	0.03300	0.83806	0.02893	0.00815	30	-5.38	9%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.69000	0.00000	0.83806	0.02893	0.00815	30	-5.12	9%	0
033.01	Salt as chloride, Poten Cl (%)	0937	0.78000	0.00000	0.83806	0.02893	0.00815	30	-2.01	3%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.80000	0.00000	0.83806	0.02893	0.00815	30	-1.32	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.80500	0.01000	0.83806	0.02893	0.00815	30	-1.14	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.80650	0.00700	0.83806	0.02893	0.00815	30	-1.09	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.82000	0.00000	0.83806	0.02893	0.00815	30	-0.62	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.82500	0.01000	0.83806	0.02893	0.00815	30	-0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.82500	0.00000	0.83806	0.02893	0.00815	30	-0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.83000	0.00000	0.83806	0.02893	0.00815	30	-0.28	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	
033.01	Salt as chloride, Poten CI (%)	0644	0.83330	0.01660	0.83806	0.02893	0.00815	30	-0.16	0%	0
033.01	Salt as chloride, Poten CI (%)	0001	0.83500	0.01000	0.83806	0.02893	0.00815	30	-0.11	0%	0
033.01	Salt as chloride, Poten CI (%)	0939	0.83500	0.01000	0.83806	0.02893	0.00815	30	-0.11	0%	0
033.01	Salt as chloride, Poten CI (%)	0242	0.84000	0.00000	0.83806	0.02893	0.00815	30	0.07	0%	0
033.01	Salt as chloride, Poten CI (%)	0590	0.84000	0.02000	0.83806	0.02893	0.00815	30	0.07	0%	0
033.01	Salt as chloride, Poten CI (%)	0148	0.84100	0.00200	0.83806	0.02893	0.00815	30	0.10	0%	0
033.01	Salt as chloride, Poten CI (%)	0407	0.84400	0.00000	0.83806	0.02893	0.00815	30	0.21	0%	0
033.01	Salt as chloride, Poten CI (%)	0175	0.84500	0.01000	0.83806	0.02893	0.00815	30	0.24	0%	0
033.01	Salt as chloride, Poten CI (%)	0629	0.84500	0.00000	0.83806	0.02893	0.00815	30	0.24	0%	0
033.01	Salt as chloride, Poten CI (%)	0948	0.84500	0.01000	0.83806	0.02893	0.00815	30	0.24	0%	0
033.01	Salt as chloride, Poten CI (%)	0164	0.85000	0.00000	0.83806	0.02893	0.00815	30	0.41	1%	0
033.01	Salt as chloride, Poten CI (%)	0425	0.85000	0.00000	0.83806	0.02893	0.00815	30	0.41	1%	0
033.01	Salt as chloride, Poten CI (%)	0683	0.85000	0.00000	0.83806	0.02893	0.00815	30	0.41	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	0.85100	0.01600	0.83806	0.02893	0.00815	30	0.45	1%	0
033.01	Salt as chloride, Poten CI (%)	0098	0.85500	0.01000	0.83806	0.02893	0.00815	30	0.59	1%	0
033.01	Salt as chloride, Poten CI (%)	0100	0.87000	0.00000	0.83806	0.02893	0.00815	30	1.10	2%	0
033.01	Salt as chloride, Poten CI (%)	0874	0.87400	0.00000	0.83806	0.02893	0.00815	30	1.24	2%	0
033.01	Salt as chloride, Poten CI (%)	0278	0.88000	0.02000	0.83806	0.02893	0.00815	30	1.45	3%	0
033.01	Salt as chloride, Poten CI (%)	0004	0.91500	0.05000	0.83806	0.02893	0.00815	30	2.66	5%	0
033.01	Salt as chloride, Poten CI (%)	0019	1.1650	0.01000	0.83806	0.02893	0.00815	30	11.30	20%	0
033.01	Salt as chloride, Poten CI (%)	2146	0.81000	0.08000	0.83806	0.02893	0.00815	30	-0.97	2%	1
033.03	Salt as chloride, Quantab (%)	0144	0.68000	0.14000	0.73300	0.06611	0.03000	5	-0.97	4%	0
033.03	Salt as chloride, Quantab (%)	0190	0.68000	0.00000	0.73300	0.06611	0.03000	5	-0.97	4%	0
033.03	Salt as chloride, Quantab (%)	0505	0.69500	0.01000	0.73300	0.06611	0.03000	5	-0.75	3%	0
033.03	Salt as chloride, Quantab (%)	0726	0.80000	0.00000	0.73300	0.06611	0.03000	5	0.79	4%	0
033.03	Salt as chloride, Quantab (%)	0265	0.81000	0.00000	0.73300	0.06611	0.03000	5	0.93	4%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.82000	0.04000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.1200	0.00000				2			0
033.99	Salt, Miscellaneous (%)	0536	0.50000	0.04000	0.82965	0.10563	0.03700	8	-3.12	20%	0
033.99	Salt, Miscellaneous (%)	0552	0.74000	0.08000	0.82965	0.10563	0.03700	8	-0.85	5%	0
033.99	Salt, Miscellaneous (%)	0910	0.77000	0.00000	0.82965	0.10563	0.03700	8	-0.56	4%	0
033.99	Salt, Miscellaneous (%)	0682	0.86000	0.00000	0.82965	0.10563	0.03700	8	0.29	2%	0
033.99	Salt, Miscellaneous (%)	2073	0.86000	0.02000	0.82965	0.10563	0.03700	8	0.29	2%	0
033.99	Salt, Miscellaneous (%)	0208	0.87750	0.00300	0.82965	0.10563	0.03700	8	0.45	3%	0
033.99	Salt, Miscellaneous (%)	0017	0.92350	0.12300	0.82965	0.10563	0.03700	8	0.89	6%	0
033.99	Salt, Miscellaneous (%)	0358	0.93500	0.03000	0.82965	0.10563	0.03700	8	1.00	6%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.63600	0.00800				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.43000	0.02000	0.59708	0.16656	0.10117	6	-1.00	14%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.45300	0.03200	0.59708	0.16656	0.10117	6	-0.87	12%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.54450	0.00500	0.59708	0.16656	0.10117	6	-0.32	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.63000	0.00000	0.59708	0.16656	0.10117	6	0.20	3%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0175	0.74500	0.41000	0.59708	0.16656	0.10117	6	0.89	12%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.78000	0.14000	0.59708	0.16656	0.10117	6	1.10	15%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	2.5200	0.00000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	0.95000	1.5000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.51730	0.08540				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.65000	0.00000	0.94238	0.36398	0.25575	4	-1.08	8%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.78700	0.02800	0.94238	0.36398	0.25575	4	0.20	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.86000	0.02000	0.94238	0.36398	0.25575	4	0.88	6%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.4725	0.97500	0.94238	0.36398	0.25575	4	6.63	46%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0013	0.62500	0.03000	0.68320	0.04508	0.01465	4	-1.29	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.68300	0.02200	0.68320	0.04508	0.01465	4	0.00	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.69000	0.00600	0.68320	0.04508	0.01465	4	0.15	0%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.73480	0.00060	0.68320	0.04508	0.01465	4	1.14	4%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	1.2050	0.03000				1			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.36500	0.01000				2			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.39300	0.00600				2			0
035.02	Sodium, Em Spect (%)	0884	0.34000	0.00000				1			0
035.05	Sodium, Flame Emission (%)	0037	0.36000	0.00000				2			0
035.05	Sodium, Flame Emission (%)	0108	0.37500	0.01000				2			0
035.31	Sodium, AAS, Dry ash (%)	0683	0.32500	0.01000	0.37500	0.04118	0.01311	16	-1.21	7%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.33500	0.01000	0.37500	0.04118	0.01311	16	-0.97	5%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.33985	0.00910	0.37500	0.04118	0.01311	16	-0.85	5%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.35000	0.00000	0.37500	0.04118	0.01311	16	-0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.35000	0.00000	0.37500	0.04118	0.01311	16	-0.61	3%	0
035.31	Sodium, AAS, Dry ash (%)	0014	0.35500	0.01200	0.37500	0.04118	0.01311	16	-0.49	3%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.36050	0.00100	0.37500	0.04118	0.01311	16	-0.35	2%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.36420	0.00160	0.37500	0.04118	0.01311	16	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.36500	0.01000	0.37500	0.04118	0.01311	16	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.36940	0.00000	0.37500	0.04118	0.01311	16	-0.14	1%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.37500	0.03000	0.37500	0.04118	0.01311	16	0.00	0%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.39250	0.00500	0.37500	0.04118	0.01311	16	0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.42450	0.04300	0.37500	0.04118	0.01311	16	1.20	7%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.42500	0.01000	0.37500	0.04118	0.01311	16	1.21	7%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.43400	0.01800	0.37500	0.04118	0.01311	16	1.43	8%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.43500	0.05000	0.37500	0.04118	0.01311	16	1.46	8%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.50700	0.09600	0.37500	0.04118	0.01311	16	3.21	18%	1
035.32	Sodium, AAS, Open vessel (%)	0035	0.38500	0.01000				2			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.40500	0.00600				2			0
035.33	Sodium, AAS, Microwave (%)	0300	0.36500	0.03000				1			0
035.41	Sodium, ICP, Dry ash (%)	0089	0.29500	0.01000	0.36052	0.01507	0.00744	24	-4.35	9%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.33000	0.00000	0.36052	0.01507	0.00744	24	-2.02	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	
035.41	Sodium, ICP, Dry ash (%)	0003	0.33500	0.01000	0.36052	0.01507	0.00744	24	-1.69	4%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.34000	0.00000	0.36052	0.01507	0.00744	24	-1.36	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.35400	0.00400	0.36052	0.01507	0.00744	24	-0.43	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.35500	0.01000	0.36052	0.01507	0.00744	24	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.35500	0.01000	0.36052	0.01507	0.00744	24	-0.37	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.35580	0.00100	0.36052	0.01507	0.00744	24	-0.31	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.35825	0.00610	0.36052	0.01507	0.00744	24	-0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.35900	0.00600	0.36052	0.01507	0.00744	24	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.36000	0.00000	0.36052	0.01507	0.00744	24	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.36000	0.02000	0.36052	0.01507	0.00744	24	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.36000	0.02000	0.36052	0.01507	0.00744	24	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.36000	0.00000	0.36052	0.01507	0.00744	24	-0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.36040	0.00040	0.36052	0.01507	0.00744	24	-0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.36350	0.01300	0.36052	0.01507	0.00744	24	0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.36500	0.01000	0.36052	0.01507	0.00744	24	0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.36600	0.01400	0.36052	0.01507	0.00744	24	0.36	1%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.37000	0.00000	0.36052	0.01507	0.00744	24	0.63	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.37500	0.01000	0.36052	0.01507	0.00744	24	0.96	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.37750	0.01100	0.36052	0.01507	0.00744	24	1.13	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.37800	0.01000	0.36052	0.01507	0.00744	24	1.16	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.41950	0.00300	0.36052	0.01507	0.00744	24	3.91	8%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.43500	0.01000	0.36052	0.01507	0.00744	24	4.94	10%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.32650	0.00120	0.36828	0.01921	0.00533	16	-2.17	6%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.35000	0.00000	0.36828	0.01921	0.00533	16	-0.95	2%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.35000	0.00000	0.36828	0.01921	0.00533	16	-0.95	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.35100	0.00000	0.36828	0.01921	0.00533	16	-0.90	2%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.35950	0.01100	0.36828	0.01921	0.00533	16	-0.46	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.36000	0.00000	0.36828	0.01921	0.00533	16	-0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.36060	0.00520	0.36828	0.01921	0.00533	16	-0.40	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.36300	0.02400	0.36828	0.01921	0.00533	16	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.36835	0.02570	0.36828	0.01921	0.00533	16	0.00	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.37350	0.00160	0.36828	0.01921	0.00533	16	0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.37500	0.01000	0.36828	0.01921	0.00533	16	0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.37850	0.00500	0.36828	0.01921	0.00533	16	0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.38780	0.00100	0.36828	0.01921	0.00533	16	1.02	3%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.38865	0.00050	0.36828	0.01921	0.00533	16	1.06	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.39000	0.00000	0.36828	0.01921	0.00533	16	1.13	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.41000	0.00000	0.36828	0.01921	0.00533	16	2.17	6%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.45000	0.04000	0.36828	0.01921	0.00533	16	4.25	11%	1
035.43	Sodium, ICP, Microwave (%)	0043	0.32050	0.00300	0.36566	0.01676	0.00757	23	-2.69	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.34200	0.00200	0.36566	0.01676	0.00757	23	-1.41	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	
035.43	Sodium, ICP, Microwave (%)	0510	0.34300	0.00200	0.36566	0.01676	0.00757	23	-1.35	3%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.35000	0.00000	0.36566	0.01676	0.00757	23	-0.93	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.35000	0.02000	0.36566	0.01676	0.00757	23	-0.93	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.35450	0.00100	0.36566	0.01676	0.00757	23	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.35900	0.00200	0.36566	0.01676	0.00757	23	-0.40	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.36000	0.00000	0.36566	0.01676	0.00757	23	-0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.36000	0.00000	0.36566	0.01676	0.00757	23	-0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.36100	0.00200	0.36566	0.01676	0.00757	23	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.36300	0.04800	0.36566	0.01676	0.00757	23	-0.16	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.36335	0.00510	0.36566	0.01676	0.00757	23	-0.14	0%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.37000	0.02000	0.36566	0.01676	0.00757	23	0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.37000	0.00000	0.36566	0.01676	0.00757	23	0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.37000	0.00000	0.36566	0.01676	0.00757	23	0.26	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.37500	0.01000	0.36566	0.01676	0.00757	23	0.56	1%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.37850	0.00500	0.36566	0.01676	0.00757	23	0.77	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.37950	0.00900	0.36566	0.01676	0.00757	23	0.83	2%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.38000	0.02000	0.36566	0.01676	0.00757	23	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.38000	0.00000	0.36566	0.01676	0.00757	23	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.38000	0.00000	0.36566	0.01676	0.00757	23	0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.39000	0.00000	0.36566	0.01676	0.00757	23	1.45	3%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.39550	0.02500	0.36566	0.01676	0.00757	23	1.78	4%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.43000	0.08000	0.36566	0.01676	0.00757	23	3.84	9%	1
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.37650	0.02700				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.35600	0.03780				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.36100	0.00400				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0034	0.37645	0.00010	0.39874	0.03010	0.00728	4	-0.74	3%	0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.38450	0.01900	0.39874	0.03010	0.00728	4	-0.47	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.39100	0.00600	0.39874	0.03010	0.00728	4	-0.26	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.44300	0.00400	0.39874	0.03010	0.00728	4	1.47	6%	0
035.99	Sodium, Miscellaneous (%)	0242	0.35000	0.00000				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.37500	0.01000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.40000	0.00000				3			0
036.04	Sulfur, LECO (%)	0226	0.37000	0.04000				1			0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.28150	0.00940	0.32332	0.02719	0.00819	19	-1.54	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.28965	0.01070	0.32332	0.02719	0.00819	19	-1.24	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.29500	0.01000	0.32332	0.02719	0.00819	19	-1.04	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.30500	0.01000	0.32332	0.02719	0.00819	19	-0.67	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.30600	0.01800	0.32332	0.02719	0.00819	19	-0.64	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.30620	0.01600	0.32332	0.02719	0.00819	19	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.31500	0.01000	0.32332	0.02719	0.00819	19	-0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.31605	0.00110	0.32332	0.02719	0.00819	19	-0.27	1%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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 (%)	0171	0.31700	0.00000	0.32332	0.02719	0.00819	19	-0.23	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.32040	0.00140	0.32332	0.02719	0.00819	19	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.32500	0.03000	0.32332	0.02719	0.00819	19	0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.32500	0.01000	0.32332	0.02719	0.00819	19	0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.33000	0.00000	0.32332	0.02719	0.00819	19	0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.33175	0.00130	0.32332	0.02719	0.00819	19	0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.34535	0.00370	0.32332	0.02719	0.00819	19	0.81	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.35000	0.00400	0.32332	0.02719	0.00819	19	0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.35500	0.01000	0.32332	0.02719	0.00819	19	1.17	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.36500	0.01000	0.32332	0.02719	0.00819	19	1.53	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.41000	0.00000	0.32332	0.02719	0.00819	19	3.19	13%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28850	0.04900	0.32332	0.02719	0.00819	19	-1.28	5%	1
036.43	Sulfur, ICP, Microwave (%)	0353	0.27500	0.01000	0.31716	0.01393	0.01073	12	-3.03	7%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.30000	0.02000	0.31716	0.01393	0.01073	12	-1.23	3%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.30500	0.01000	0.31716	0.01393	0.01073	12	-0.87	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.30650	0.00100	0.31716	0.01393	0.01073	12	-0.77	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.32000	0.02000	0.31716	0.01393	0.01073	12	0.20	0%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.32050	0.02500	0.31716	0.01393	0.01073	12	0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.32200	0.00000	0.31716	0.01393	0.01073	12	0.35	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.32250	0.00500	0.31716	0.01393	0.01073	12	0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.32250	0.00300	0.31716	0.01393	0.01073	12	0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.32445	0.00570	0.31716	0.01393	0.01073	12	0.52	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.33115	0.01910	0.31716	0.01393	0.01073	12	1.00	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.33500	0.01000	0.31716	0.01393	0.01073	12	1.28	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.26000	0.06000	0.31716	0.01393	0.01073	12	-4.10	9%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.30785	0.00110				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.31250	0.00500				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0148	0.33490	0.00440				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.32000	0.00000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	203.65	0.70000	256.90	17.228	10.170	17	-3.09	10%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	234.20	2.6000	256.90	17.228	10.170	17	-1.32	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	242.50	5.0000	256.90	17.228	10.170	17	-0.84	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	242.64	0.68000	256.90	17.228	10.170	17	-0.83	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	243.20	19.100	256.90	17.228	10.170	17	-0.80	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	248.89	3.4200	256.90	17.228	10.170	17	-0.46	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	254.11	20.880	256.90	17.228	10.170	17	-0.16	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	257.50	3.0000	256.90	17.228	10.170	17	0.03	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	258.15	3.1000	256.90	17.228	10.170	17	0.07	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	259.65	7.9145	256.90	17.228	10.170	17	0.16	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	260.00	0.00000	256.90	17.228	10.170	17	0.18	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	264.00	4.0000	256.90	17.228	10.170	17	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	264.90	20.000	256.90	17.228	10.170	17	0.46	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	270.00	2.0000	256.90	17.228	10.170	17	0.76	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	271.00	34.000	256.90	17.228	10.170	17	0.82	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	284.50	29.000	256.90	17.228	10.170	17	1.60	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	338.75	17.500	256.90	17.228	10.170	17	4.75	16%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	253.00	4.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	265.35	3.7000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	297.00	20.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	246.00	13.400				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	251.90	9.3140				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	260.00	0.00000				3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	193.48	8.1800	248.43	15.273	6.0555	20	-3.60	11%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	197.45	0.70000	248.43	15.273	6.0555	20	-3.34	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	210.98	16.520	248.43	15.273	6.0555	20	-2.45	8%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	235.40	3.8000	248.43	15.273	6.0555	20	-0.85	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	237.50	1.0000	248.43	15.273	6.0555	20	-0.72	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	241.00	4.0000	248.43	15.273	6.0555	20	-0.49	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	242.50	5.0000	248.43	15.273	6.0555	20	-0.39	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	243.50	5.0000	248.43	15.273	6.0555	20	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	248.00	2.0000	248.43	15.273	6.0555	20	-0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	250.55	2.1000	248.43	15.273	6.0555	20	0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	250.65	6.1000	248.43	15.273	6.0555	20	0.15	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	254.75	1.9500	248.43	15.273	6.0555	20	0.41	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	255.85	1.3000	248.43	15.273	6.0555	20	0.49	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	257.43	4.6806	248.43	15.273	6.0555	20	0.59	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	258.00	10.000	248.43	15.273	6.0555	20	0.63	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	258.50	3.0000	248.43	15.273	6.0555	20	0.66	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	259.00	4.0000	248.43	15.273	6.0555	20	0.69	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	265.44	15.080	248.43	15.273	6.0555	20	1.11	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	266.50	21.000	248.43	15.273	6.0555	20	1.18	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	267.45	5.7000	248.43	15.273	6.0555	20	1.25	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	189.40	7.0000	253.65	21.262	5.1854	17	-3.02	13%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	229.60	3.8000	253.65	21.262	5.1854	17	-1.13	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	232.00	8.0000	253.65	21.262	5.1854	17	-1.02	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	241.00	8.0000	253.65	21.262	5.1854	17	-0.60	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	243.44	0.68000	253.65	21.262	5.1854	17	-0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	245.75	5.3000	253.65	21.262	5.1854	17	-0.37	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	246.00	16.000	253.65	21.262	5.1854	17	-0.36	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	246.90	1.0000	253.65	21.262	5.1854	17	-0.32	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	249.50	3.0000	253.65	21.262	5.1854	17	-0.20	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	252.20	7.2618	253.65	21.262	5.1854	17	-0.07	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	258.64	2.7200	253.65	21.262	5.1854	17	0.23	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	260.00	4.0000	253.65	21.262	5.1854	17	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	266.50	7.0000	253.65	21.262	5.1854	17	0.60	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	270.07	1.8900	253.65	21.262	5.1854	17	0.77	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	277.65	1.7000	253.65	21.262	5.1854	17	1.13	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	288.40	0.80000	253.65	21.262	5.1854	17	1.63	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	293.00	10.000	253.65	21.262	5.1854	17	1.85	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	233.50	29.000	253.65	21.262	5.1854	17	-0.95	4%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	223.33	6.3500	255.78	17.300	6.2633	23	-1.88	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	223.50	11.000	255.78	17.300	6.2633	23	-1.87	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	235.00	0.00000	255.78	17.300	6.2633	23	-1.20	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	240.50	7.0000	255.78	17.300	6.2633	23	-0.88	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	240.50	19.000	255.78	17.300	6.2633	23	-0.88	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	241.82	1.1900	255.78	17.300	6.2633	23	-0.81	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	244.50	3.0000	255.78	17.300	6.2633	23	-0.65	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	247.00	4.0000	255.78	17.300	6.2633	23	-0.51	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	250.50	5.0000	255.78	17.300	6.2633	23	-0.31	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	251.50	7.0000	255.78	17.300	6.2633	23	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	256.30	1.2000	255.78	17.300	6.2633	23	0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	258.00	20.000	255.78	17.300	6.2633	23	0.13	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	259.00	16.000	255.78	17.300	6.2633	23	0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	259.50	0.30000	255.78	17.300	6.2633	23	0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	261.50	1.0000	255.78	17.300	6.2633	23	0.33	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	263.84	6.8600	255.78	17.300	6.2633	23	0.47	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	268.50	1.0000	255.78	17.300	6.2633	23	0.74	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	270.55	4.5000	255.78	17.300	6.2633	23	0.85	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	270.64	0.00000	255.78	17.300	6.2633	23	0.86	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	271.00	12.000	255.78	17.300	6.2633	23	0.88	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	274.38	1.6552	255.78	17.300	6.2633	23	1.08	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	277.00	12.000	255.78	17.300	6.2633	23	1.23	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	291.00	4.0000	255.78	17.300	6.2633	23	2.04	7%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	244.90	4.2100				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2152	266.02	3.2000				2			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	246.55	2.1000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	212.65	0.30000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	240.50	1.0000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	246.50	1.0000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	270.50	1.0000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2144	237.90	2.2000	259.58	16.171	4.4400	5	-1.34	4%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	251.00	0.00000	259.58	16.171	4.4400	5	-0.53	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	262.50	7.0000	259.58	16.171	4.4400	5	0.18	1%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	265.50	11.000	259.58	16.171	4.4400	5	0.37	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	281.00	2.0000	259.58	16.171	4.4400	5	1.32	4%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	3.4500	0.10000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	4.5550	0.41000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	4.1877	0.14280				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	4.8600	0.04000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	6.0000	0.24000				3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	3.6650	0.61000	4.8607	0.62233	0.26816	7	-1.92	12%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	4.6050	0.33000	4.8607	0.62233	0.26816	7	-0.41	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	4.7548	0.01570	4.8607	0.62233	0.26816	7	-0.17	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	4.8500	0.10000	4.8607	0.62233	0.26816	7	-0.02	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	5.0092	0.08840	4.8607	0.62233	0.26816	7	0.24	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	5.1500	0.10000	4.8607	0.62233	0.26816	7	0.46	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0504	5.7285	0.63300	4.8607	0.62233	0.26816	7	1.39	9%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	3.5150	0.17000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.6550	0.03000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	3.2465	0.35100				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.6318	0.01760				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	5.0900	0.30000				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	11.980	0.10000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	11.261	0.15590				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.66350	0.00500				1			0
042.00	Chloride, Titrimetric (%)	0948	0.51500	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0297	0.57500	0.01000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	0.65000	0.02000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	1,380.0	20.000				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,339.0	58.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	793.50	5.0000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	238.50	15.000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	24.600	0.80000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	423.50	7.0000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	16.750	0.70000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	11.195	2.6100				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	11.510	2.2400				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	17.000	0.60000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	11.987	1.0210				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	17.715	3.8100				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	23.000	0.00000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	23.100	0.80000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	38.825	0.45000				2			0
106.00	Vitamin A, Color (KU / kg)	0171	42.150	1.3000				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			
106.01	Vitamin A, UV (KU / kg)	0098	40.800	3.6000				1			0
106.02	Vitamin A, LC (KU / kg)	0675	8.7000	3.5000	38.292	8.6574	3.0368	16	-3.42	39%	0
106.02	Vitamin A, LC (KU / kg)	0028	22.158	2.8580	38.292	8.6574	3.0368	16	-1.86	21%	0
106.02	Vitamin A, LC (KU / kg)	0905	30.031	1.2680	38.292	8.6574	3.0368	16	-0.95	11%	0
106.02	Vitamin A, LC (KU / kg)	0004	31.780	0.46000	38.292	8.6574	3.0368	16	-0.75	9%	0
106.02	Vitamin A, LC (KU / kg)	0003	32.460	5.6800	38.292	8.6574	3.0368	16	-0.67	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	36.675	1.2700	38.292	8.6574	3.0368	16	-0.19	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	37.600	4.2000	38.292	8.6574	3.0368	16	-0.08	1%	0
106.02	Vitamin A, LC (KU / kg)	0910	39.550	2.9000	38.292	8.6574	3.0368	16	0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	2171	40.145	3.4900	38.292	8.6574	3.0368	16	0.21	2%	0
106.02	Vitamin A, LC (KU / kg)	0610	40.250	3.5000	38.292	8.6574	3.0368	16	0.23	3%	0
106.02	Vitamin A, LC (KU / kg)	0027	41.841	4.5790	38.292	8.6574	3.0368	16	0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	0227	42.250	1.1000	38.292	8.6574	3.0368	16	0.46	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	45.375	1.0900	38.292	8.6574	3.0368	16	0.82	9%	0
106.02	Vitamin A, LC (KU / kg)	2004	45.550	0.70000	38.292	8.6574	3.0368	16	0.84	9%	0
106.02	Vitamin A, LC (KU / kg)	0861	47.271	2.2940	38.292	8.6574	3.0368	16	1.04	12%	0
106.02	Vitamin A, LC (KU / kg)	0208	52.690	9.7000	38.292	8.6574	3.0368	16	1.66	19%	0
106.02	Vitamin A, LC (KU / kg)	0169	0.00000	0.00000	38.292	8.6574	3.0368	16			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	266.50	41.000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.00000	0.00000				0			4
108.02	Vitamin D3, LC (KU / kg)	0675	2.0100	0.10000	46.820	88.788	2.0550	4	-0.84	9%	0
108.02	Vitamin D3, LC (KU / kg)	0227	2.2950	0.01000	46.820	88.788	2.0550	4	-0.27	3%	0
108.02	Vitamin D3, LC (KU / kg)	0208	2.9750	0.11000	46.820	88.788	2.0550	4	1.11	11%	0
108.02	Vitamin D3, LC (KU / kg)	0861	180.00	8.0000	46.820	88.788	2.0550	4	358.16	3659%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	2.1900	0.20000				1			0
109.02	Vitamin E, LC (IU/kg)	0590	417.00	0.00000	694.42	91.716	18.022	15	-3.02	20%	0
109.02	Vitamin E, LC (IU/kg)	0027	521.25	39.077	694.42	91.716	18.022	15	-1.89	12%	0
109.02	Vitamin E, LC (IU/kg)	0610	631.00	32.000	694.42	91.716	18.022	15	-0.69	5%	0
109.02	Vitamin E, LC (IU/kg)	0208	657.34	2.7340	694.42	91.716	18.022	15	-0.40	3%	0
109.02	Vitamin E, LC (IU/kg)	0098	665.00	10.000	694.42	91.716	18.022	15	-0.32	2%	0
109.02	Vitamin E, LC (IU/kg)	2103	669.50	3.0000	694.42	91.716	18.022	15	-0.27	2%	0
109.02	Vitamin E, LC (IU/kg)	0905	674.50	7.0000	694.42	91.716	18.022	15	-0.22	1%	0
109.02	Vitamin E, LC (IU/kg)	0723	683.50	0.00000	694.42	91.716	18.022	15	-0.12	1%	0
109.02	Vitamin E, LC (IU/kg)	0861	685.00	50.000	694.42	91.716	18.022	15	-0.10	1%	0
109.02	Vitamin E, LC (IU/kg)	0038	720.50	5.0000	694.42	91.716	18.022	15	0.28	2%	0
109.02	Vitamin E, LC (IU/kg)	0227	731.80	29.800	694.42	91.716	18.022	15	0.41	3%	0
109.02	Vitamin E, LC (IU/kg)	0563	757.50	3.0000	694.42	91.716	18.022	15	0.69	5%	0
109.02	Vitamin E, LC (IU/kg)	0676	796.25	40.900	694.42	91.716	18.022	15	1.11	7%	0
109.02	Vitamin E, LC (IU/kg)	0910	798.75	46.100	694.42	91.716	18.022	15	1.14	8%	0
109.02	Vitamin E, LC (IU/kg)	0675	929.09	1.7200	694.42	91.716	18.022	15	2.56	17%	0
109.02	Vitamin E, LC (IU/kg)	0169	0.00000	0.00000	694.42	91.716	18.022	15			4

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			
109.99	Vitamin E, Miscellaneous (IU/kg)	2145	677.00	18.000				3			0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	756.00	14.000				3			0
109.99	Vitamin E, Miscellaneous (IU/kg)	2146	943.38	2.5900				3			0
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0208	81.400	25.400				2			0
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0904	128.79	6.2400				2			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2066	116.00	0.00000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	21.300	0.80000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	3.4700	0.46000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	2.7550	0.27000				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0208	3.4300	0.24000				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.72500	0.01000	0.77086	0.01694	0.00742	19	-2.71	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.75450	0.00620	0.77086	0.01694	0.00742	19	-0.97	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.75650	0.02700	0.77086	0.01694	0.00742	19	-0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.76050	0.00500	0.77086	0.01694	0.00742	19	-0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.76150	0.00900	0.77086	0.01694	0.00742	19	-0.55	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.76200	0.00200	0.77086	0.01694	0.00742	19	-0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	0.76300	0.00400	0.77086	0.01694	0.00742	19	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.76350	0.00500	0.77086	0.01694	0.00742	19	-0.43	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.76500	0.01000	0.77086	0.01694	0.00742	19	-0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.76800	0.01600	0.77086	0.01694	0.00742	19	-0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.76900	0.00000	0.77086	0.01694	0.00742	19	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.77000	0.00000	0.77086	0.01694	0.00742	19	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.77000	0.00000	0.77086	0.01694	0.00742	19	-0.05	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.77650	0.00700	0.77086	0.01694	0.00742	19	0.33	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.78150	0.00100	0.77086	0.01694	0.00742	19	0.63	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.79185	0.01470	0.77086	0.01694	0.00742	19	1.24	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.79500	0.01000	0.77086	0.01694	0.00742	19	1.43	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.83600	0.00800	0.77086	0.01694	0.00742	19	3.85	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.85900	0.00600	0.77086	0.01694	0.00742	19	5.20	6%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.60200	0.01000				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	0.76200	0.01800				1			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.71050	0.00700				3			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.72050	0.01700				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.76000	0.04000				3			0
120.99	Alanine, Miscellaneous (%)	2146	0.76500	0.03000				2			0
120.99	Alanine, Miscellaneous (%)	2144	0.79500	0.03000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.96790	0.01640	1.0320	0.02999	0.01721	19	-2.14	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.99605	0.05050	1.0320	0.02999	0.01721	19	-1.20	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.99950	0.03900	1.0320	0.02999	0.01721	19	-1.08	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.0050	0.01000	1.0320	0.02999	0.01721	19	-0.90	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.0075	0.00500	1.0320	0.02999	0.01721	19	-0.82	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.0100	0.00000	1.0320	0.02999	0.01721	19	-0.73	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.0160	0.00600	1.0320	0.02999	0.01721	19	-0.53	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.0260	0.01800	1.0320	0.02999	0.01721	19	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.0300	0.06000	1.0320	0.02999	0.01721	19	-0.07	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.0345	0.01500	1.0320	0.02999	0.01721	19	0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.0350	0.01000	1.0320	0.02999	0.01721	19	0.10	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.0440	0.00600	1.0320	0.02999	0.01721	19	0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.0475	0.01300	1.0320	0.02999	0.01721	19	0.52	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.0500	0.00000	1.0320	0.02999	0.01721	19	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.0535	0.02700	1.0320	0.02999	0.01721	19	0.72	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.0610	0.01600	1.0320	0.02999	0.01721	19	0.97	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.0630	0.00400	1.0320	0.02999	0.01721	19	1.03	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.0650	0.01000	1.0320	0.02999	0.01721	19	1.10	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.1365	0.02100	1.0320	0.02999	0.01721	19	3.49	5%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.0095	0.01300				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.0000	0.03400				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.90600	0.00600				3			0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.94100	0.02800				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.0100	0.06000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.4050	0.01000	1.4720	0.03184	0.01180	18	-2.10	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.4400	0.00000	1.4720	0.03184	0.01180	18	-1.01	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.4450	0.00200	1.4720	0.03184	0.01180	18	-0.85	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.4520	0.02400	1.4720	0.03184	0.01180	18	-0.63	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.4550	0.01000	1.4720	0.03184	0.01180	18	-0.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.4565	0.00300	1.4720	0.03184	0.01180	18	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.4575	0.00500	1.4720	0.03184	0.01180	18	-0.46	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.4575	0.03500	1.4720	0.03184	0.01180	18	-0.46	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.4599	0.02340	1.4720	0.03184	0.01180	18	-0.38	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.4655	0.00500	1.4720	0.03184	0.01180	18	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.4800	0.00000	1.4720	0.03184	0.01180	18	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.4800	0.02000	1.4720	0.03184	0.01180	18	0.25	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.4820	0.00200	1.4720	0.03184	0.01180	18	0.31	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.4870	0.01200	1.4720	0.03184	0.01180	18	0.47	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.4950	0.01000	1.4720	0.03184	0.01180	18	0.72	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	1.5330	0.01800	1.4720	0.03184	0.01180	18	1.91	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.5730	0.03000	1.4720	0.03184	0.01180	18	3.17	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.6655	0.00300	1.4720	0.03184	0.01180	18	6.08	7%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.4903	0.08350	1.4720	0.03184	0.01180	18	0.57	1%	1
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.2435	0.01500				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.4820	0.01200				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.4035	0.12900				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			
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.4610	0.02600				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.4900	0.10000				3			0
122.99	Aspartic, Miscellaneous (%)	2144	0.98500	0.01000				2			0
122.99	Aspartic, Miscellaneous (%)	2146	1.4650	0.03000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.24235	0.00130	0.28333	0.01789	0.00687	19	-2.29	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.26350	0.00700	0.28333	0.01789	0.00687	19	-1.11	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.26500	0.01000	0.28333	0.01789	0.00687	19	-1.03	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.26900	0.00200	0.28333	0.01789	0.00687	19	-0.80	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.27000	0.00000	0.28333	0.01789	0.00687	19	-0.75	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.27400	0.00800	0.28333	0.01789	0.00687	19	-0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.27600	0.00600	0.28333	0.01789	0.00687	19	-0.41	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.27800	0.00220	0.28333	0.01789	0.00687	19	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.28050	0.00300	0.28333	0.01789	0.00687	19	-0.16	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.28350	0.00300	0.28333	0.01789	0.00687	19	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.28500	0.01000	0.28333	0.01789	0.00687	19	0.09	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.28650	0.00500	0.28333	0.01789	0.00687	19	0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.28800	0.00200	0.28333	0.01789	0.00687	19	0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.29000	0.02000	0.28333	0.01789	0.00687	19	0.37	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.29050	0.00100	0.28333	0.01789	0.00687	19	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.29700	0.02200	0.28333	0.01789	0.00687	19	0.76	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.31000	0.02000	0.28333	0.01789	0.00687	19	1.49	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.32200	0.00400	0.28333	0.01789	0.00687	19	2.16	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.32200	0.00400	0.28333	0.01789	0.00687	19	2.16	7%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.26100	0.00000				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.30050	0.01500				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.28750	0.01300				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.29350	0.00300				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.29710	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.31000	0.02000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	2.3605	0.02100	2.6089	0.05083	0.02868	18	-4.89	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.4950	0.05000	2.6089	0.05083	0.02868	18	-2.24	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.5725	0.03100	2.6089	0.05083	0.02868	18	-0.72	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.5735	0.01100	2.6089	0.05083	0.02868	18	-0.70	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.5790	0.06800	2.6089	0.05083	0.02868	18	-0.59	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.5835	0.00700	2.6089	0.05083	0.02868	18	-0.50	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.5865	0.00500	2.6089	0.05083	0.02868	18	-0.44	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.5995	0.01700	2.6089	0.05083	0.02868	18	-0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	2.6000	0.00000	2.6089	0.05083	0.02868	18	-0.18	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.6100	0.00000	2.6089	0.05083	0.02868	18	0.02	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.6150	0.02800	2.6089	0.05083	0.02868	18	0.12	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.6240	0.00000	2.6089	0.05083	0.02868	18	0.30	0%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	2.6255	0.05460	2.6089	0.05083	0.02868	18	0.33	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	2.6393	0.14160	2.6089	0.05083	0.02868	18	0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	2.6550	0.03000	2.6089	0.05083	0.02868	18	0.91	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.6700	0.02000	2.6089	0.05083	0.02868	18	1.20	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	2.6770	0.02200	2.6089	0.05083	0.02868	18	1.34	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.6850	0.01000	2.6089	0.05083	0.02868	18	1.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.9705	0.18300	2.6089	0.05083	0.02868	18	7.11	7%	1
125.01	Glutamic, Pre-col OPA Der (%)	0297	2.5695	0.02500				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	2.5820	0.03200				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.5895	0.12300				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.6400	0.04800				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.6650	0.19000				3			0
125.99	Glutamic, Miscellaneous (%)	2144	1.6400	0.00000				2			0
125.99	Glutamic, Miscellaneous (%)	2146	2.7800	0.06000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.84600	0.00400	0.87783	0.01355	0.01108	19	-2.35	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.85110	0.00360	0.87783	0.01355	0.01108	19	-1.97	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.86210	0.01800	0.87783	0.01355	0.01108	19	-1.16	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.86300	0.04200	0.87783	0.01355	0.01108	19	-1.09	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.87000	0.02000	0.87783	0.01355	0.01108	19	-0.58	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.87350	0.00500	0.87783	0.01355	0.01108	19	-0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.87450	0.01100	0.87783	0.01355	0.01108	19	-0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.87500	0.03000	0.87783	0.01355	0.01108	19	-0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.87700	0.00200	0.87783	0.01355	0.01108	19	-0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.87950	0.00700	0.87783	0.01355	0.01108	19	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.88000	0.00000	0.87783	0.01355	0.01108	19	0.16	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.88050	0.01700	0.87783	0.01355	0.01108	19	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.88500	0.01000	0.87783	0.01355	0.01108	19	0.53	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.88500	0.01000	0.87783	0.01355	0.01108	19	0.53	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.88600	0.00400	0.87783	0.01355	0.01108	19	0.60	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.88800	0.01600	0.87783	0.01355	0.01108	19	0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.89300	0.00000	0.87783	0.01355	0.01108	19	1.12	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.89350	0.00300	0.87783	0.01355	0.01108	19	1.16	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.97500	0.00800	0.87783	0.01355	0.01108	19	7.17	6%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.65850	0.00500				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	0.88200	0.00600				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.80650	0.00700				3			0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.85800	0.02200				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.89000	0.08000				3			0
126.99	Glycine, Miscellaneous (%)	2144	0.79000	0.00000				2			0
126.99	Glycine, Miscellaneous (%)	2146	0.90000	0.00000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.38500	0.00000	0.41413	0.02037	0.00746	19	-1.43	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	
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.39000	0.00000	0.41413	0.02037	0.00746	19	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.39450	0.00300	0.41413	0.02037	0.00746	19	-0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.39680	0.00700	0.41413	0.02037	0.00746	19	-0.85	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.39850	0.00300	0.41413	0.02037	0.00746	19	-0.77	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.40500	0.01000	0.41413	0.02037	0.00746	19	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.40500	0.01000	0.41413	0.02037	0.00746	19	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.40860	0.00580	0.41413	0.02037	0.00746	19	-0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.40900	0.00600	0.41413	0.02037	0.00746	19	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.41400	0.00400	0.41413	0.02037	0.00746	19	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.41800	0.01400	0.41413	0.02037	0.00746	19	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.41800	0.01600	0.41413	0.02037	0.00746	19	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.41850	0.01700	0.41413	0.02037	0.00746	19	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.42000	0.00000	0.41413	0.02037	0.00746	19	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.42350	0.00100	0.41413	0.02037	0.00746	19	0.46	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.43000	0.02000	0.41413	0.02037	0.00746	19	0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.45650	0.01300	0.41413	0.02037	0.00746	19	2.08	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.48800	0.00600	0.41413	0.02037	0.00746	19	3.63	9%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.48900	0.00600	0.41413	0.02037	0.00746	19	3.68	9%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.41800	0.02400				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.40100	0.01000				1			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.35150	0.01100				3			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.38600	0.01200				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.40000	0.04000				3			0
127.99	Histidine, Miscellaneous (%)	2146	0.43500	0.01000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.50065	0.00590	0.60611	0.03099	0.01104	19	-3.40	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.55700	0.02600	0.60611	0.03099	0.01104	19	-1.58	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.57600	0.01600	0.60611	0.03099	0.01104	19	-0.97	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.57900	0.00800	0.60611	0.03099	0.01104	19	-0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.58470	0.00680	0.60611	0.03099	0.01104	19	-0.69	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.59000	0.02000	0.60611	0.03099	0.01104	19	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.60350	0.00500	0.60611	0.03099	0.01104	19	-0.08	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.60700	0.01400	0.60611	0.03099	0.01104	19	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.60700	0.00600	0.60611	0.03099	0.01104	19	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.61000	0.02000	0.60611	0.03099	0.01104	19	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.61000	0.02000	0.60611	0.03099	0.01104	19	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.61050	0.00700	0.60611	0.03099	0.01104	19	0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.61050	0.00700	0.60611	0.03099	0.01104	19	0.14	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.61500	0.01000	0.60611	0.03099	0.01104	19	0.29	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.61700	0.01800	0.60611	0.03099	0.01104	19	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.62100	0.00000	0.60611	0.03099	0.01104	19	0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.65050	0.00900	0.60611	0.03099	0.01104	19	1.43	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.65500	0.01000	0.60611	0.03099	0.01104	19	1.58	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.68650	0.00100	0.60611	0.03099	0.01104	19	2.59	7%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.58100	0.05400				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.61250	0.00900				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.51350	0.00700				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.57000	0.04000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.58950	0.00100				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.58500	0.01000				2			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.63000	0.00000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.0174	0.00290	1.1072	0.02035	0.01084	18	-4.42	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.0710	0.01200	1.1072	0.02035	0.01084	18	-1.78	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.0850	0.01000	1.1072	0.02035	0.01084	18	-1.09	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.0900	0.02000	1.1072	0.02035	0.01084	18	-0.85	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.0930	0.00200	1.1072	0.02035	0.01084	18	-0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.1000	0.00000	1.1072	0.02035	0.01084	18	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.1025	0.00100	1.1072	0.02035	0.01084	18	-0.23	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.1075	0.00900	1.1072	0.02035	0.01084	18	0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.1075	0.01500	1.1072	0.02035	0.01084	18	0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.1100	0.04000	1.1072	0.02035	0.01084	18	0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.1105	0.01100	1.1072	0.02035	0.01084	18	0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.1150	0.01000	1.1072	0.02035	0.01084	18	0.38	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.1155	0.01100	1.1072	0.02035	0.01084	18	0.41	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.1214	0.00620	1.1072	0.02035	0.01084	18	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.1215	0.00300	1.1072	0.02035	0.01084	18	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.1250	0.01000	1.1072	0.02035	0.01084	18	0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.1345	0.01500	1.1072	0.02035	0.01084	18	1.34	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.2365	0.01700	1.1072	0.02035	0.01084	18	6.35	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.0215	0.05900	1.1072	0.02035	0.01084	18	-4.21	4%	1
129.01	Leucine, Pre-col OPA Der (%)	0297	1.0455	0.01500				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	1.1080	0.02200				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.0650	0.00800				3			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.0815	0.01100				3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.1050	0.07000				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.1550	0.05000				2			0
129.99	Leucine, Miscellaneous (%)	2144	1.1600	0.00000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.0200	0.02000	1.1198	0.04653	0.01121	19	-2.14	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.0550	0.03000	1.1198	0.04653	0.01121	19	-1.39	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.0705	0.00500	1.1198	0.04653	0.01121	19	-1.06	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.0900	0.00000	1.1198	0.04653	0.01121	19	-0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.0935	0.01100	1.1198	0.04653	0.01121	19	-0.56	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.0959	0.00660	1.1198	0.04653	0.01121	19	-0.51	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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.1045	0.02500	1.1198	0.04653	0.01121	19	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.1105	0.02100	1.1198	0.04653	0.01121	19	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.1140	0.00000	1.1198	0.04653	0.01121	19	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.1166	0.03030	1.1198	0.04653	0.01121	19	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.1205	0.00500	1.1198	0.04653	0.01121	19	0.02	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.1285	0.00100	1.1198	0.04653	0.01121	19	0.19	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.1350	0.01000	1.1198	0.04653	0.01121	19	0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.1355	0.00700	1.1198	0.04653	0.01121	19	0.34	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.1420	0.00600	1.1198	0.04653	0.01121	19	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.1450	0.01000	1.1198	0.04653	0.01121	19	0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.2125	0.01300	1.1198	0.04653	0.01121	19	1.99	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.2250	0.01000	1.1198	0.04653	0.01121	19	2.26	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.2470	0.00200	1.1198	0.04653	0.01121	19	2.73	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.2500	0.10000	1.1198	0.04653	0.01121	19	2.80	6%	1
130.01	L-Lysine, Pre-col OPA Der (%)	0297	1.0725	0.06500				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.1365	0.03500				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.0675	0.01900	1.1145	0.03035	0.05220	5	-1.55	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.1110	0.00000	1.1145	0.03035	0.05220	5	-0.12	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.1200	0.06000	1.1145	0.03035	0.05220	5	0.18	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.1225	0.05900	1.1145	0.03035	0.05220	5	0.26	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	1.1515	0.12300	1.1145	0.03035	0.05220	5	1.22	2%	0
130.99	L-Lysine, Miscellaneous (%)	2146	1.0300	0.02000				3			0
130.99	L-Lysine, Miscellaneous (%)	2145	1.2100	0.02000				3			0
130.99	L-Lysine, Miscellaneous (%)	2144	1.2450	0.03000				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.35950	0.00900	0.38661	0.01526	0.00695	19	-1.78	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.36600	0.00200	0.38661	0.01526	0.00695	19	-1.35	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.37000	0.00000	0.38661	0.01526	0.00695	19	-1.09	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.37350	0.00700	0.38661	0.01526	0.00695	19	-0.86	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.37350	0.00300	0.38661	0.01526	0.00695	19	-0.86	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.37800	0.00400	0.38661	0.01526	0.00695	19	-0.56	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.38000	0.02000	0.38661	0.01526	0.00695	19	-0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.38100	0.00000	0.38661	0.01526	0.00695	19	-0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.38500	0.01000	0.38661	0.01526	0.00695	19	-0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.38600	0.00200	0.38661	0.01526	0.00695	19	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.39000	0.00000	0.38661	0.01526	0.00695	19	0.22	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.39500	0.01000	0.38661	0.01526	0.00695	19	0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.39500	0.01200	0.38661	0.01526	0.00695	19	0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.39600	0.00600	0.38661	0.01526	0.00695	19	0.62	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.39900	0.00200	0.38661	0.01526	0.00695	19	0.81	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.40200	0.00400	0.38661	0.01526	0.00695	19	1.01	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.40250	0.00700	0.38661	0.01526	0.00695	19	1.04	2%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.40335	0.02850	0.38661	0.01526	0.00695	19	1.10	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.40595	0.00550	0.38661	0.01526	0.00695	19	1.27	3%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.37100	0.00200				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.38250	0.01700				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.26300	0.00000	0.33960	0.08444	0.00725	4	-0.91	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.31190	0.00000	0.33960	0.08444	0.00725	4	-0.33	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.32350	0.02100	0.33960	0.08444	0.00725	4	-0.19	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	0.46000	0.00800	0.33960	0.08444	0.00725	4	1.43	18%	0
131.99	Methionine, Miscellaneous (%)	2145	0.37500	0.01000				3			0
131.99	Methionine, Miscellaneous (%)	2144	0.39000	0.00000				3			0
131.99	Methionine, Miscellaneous (%)	2146	0.49500	0.01000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.65350	0.00500	0.70209	0.02240	0.01183	18	-2.17	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.65410	0.01300	0.70209	0.02240	0.01183	18	-2.14	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.68600	0.00000	0.70209	0.02240	0.01183	18	-0.72	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.68850	0.00700	0.70209	0.02240	0.01183	18	-0.61	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.68850	0.01500	0.70209	0.02240	0.01183	18	-0.61	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.69500	0.01000	0.70209	0.02240	0.01183	18	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.69500	0.01000	0.70209	0.02240	0.01183	18	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.69550	0.00700	0.70209	0.02240	0.01183	18	-0.29	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.69600	0.01200	0.70209	0.02240	0.01183	18	-0.27	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.69950	0.00700	0.70209	0.02240	0.01183	18	-0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.70000	0.00000	0.70209	0.02240	0.01183	18	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.70500	0.01000	0.70209	0.02240	0.01183	18	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.71300	0.02400	0.70209	0.02240	0.01183	18	0.49	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.72050	0.01100	0.70209	0.02240	0.01183	18	0.82	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.72450	0.00700	0.70209	0.02240	0.01183	18	1.00	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.72650	0.01100	0.70209	0.02240	0.01183	18	1.09	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.73145	0.05290	0.70209	0.02240	0.01183	18	1.31	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.77550	0.01100	0.70209	0.02240	0.01183	18	3.28	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.67500	0.07000	0.70209	0.02240	0.01183	18	-1.21	2%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.65800	0.01200				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.67850	0.01700				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.61400	0.01600				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.68700	0.01000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.70500	0.03000				3			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.75000	0.02000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.83050	0.01240	0.90107	0.03821	0.01518	19	-1.85	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.85950	0.01900	0.90107	0.03821	0.01518	19	-1.09	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	0.86150	0.00500	0.90107	0.03821	0.01518	19	-1.04	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.87000	0.01800	0.90107	0.03821	0.01518	19	-0.81	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.87185	0.00710	0.90107	0.03821	0.01518	19	-0.76	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	
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.88000	0.06000	0.90107	0.03821	0.01518	19	-0.55	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.88750	0.04100	0.90107	0.03821	0.01518	19	-0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.88750	0.01500	0.90107	0.03821	0.01518	19	-0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	0.89000	0.00000	0.90107	0.03821	0.01518	19	-0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.89000	0.02000	0.90107	0.03821	0.01518	19	-0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.90750	0.00900	0.90107	0.03821	0.01518	19	0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.91200	0.00200	0.90107	0.03821	0.01518	19	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.91400	0.02200	0.90107	0.03821	0.01518	19	0.34	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.92500	0.01000	0.90107	0.03821	0.01518	19	0.63	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.92650	0.00100	0.90107	0.03821	0.01518	19	0.67	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.93300	0.02000	0.90107	0.03821	0.01518	19	0.84	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	0.94400	0.00600	0.90107	0.03821	0.01518	19	1.12	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.98150	0.00100	0.90107	0.03821	0.01518	19	2.10	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.0400	0.02000	0.90107	0.03821	0.01518	19	3.64	8%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.85750	0.00300				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	0.97000	0.08000				3			0
133.05	Proline, Pre-col AQC Der (%)	0626	1.1020	0.00200				3			0
133.99	Proline, Miscellaneous (%)	2144	0.87000	0.02000				2			0
133.99	Proline, Miscellaneous (%)	2146	0.92000	0.02000				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.62000	0.02000	0.77883	0.02991	0.01023	18	-5.31	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.73800	0.00000	0.77883	0.02991	0.01023	18	-1.37	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.74500	0.01000	0.77883	0.02991	0.01023	18	-1.13	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.76100	0.00200	0.77883	0.02991	0.01023	18	-0.60	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.76500	0.00600	0.77883	0.02991	0.01023	18	-0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.76950	0.00500	0.77883	0.02991	0.01023	18	-0.31	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.77000	0.02000	0.77883	0.02991	0.01023	18	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.77450	0.01300	0.77883	0.02991	0.01023	18	-0.14	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.77500	0.01000	0.77883	0.02991	0.01023	18	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.77700	0.01400	0.77883	0.02991	0.01023	18	-0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.78215	0.01210	0.77883	0.02991	0.01023	18	0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.78250	0.00300	0.77883	0.02991	0.01023	18	0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.78350	0.00700	0.77883	0.02991	0.01023	18	0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.79500	0.00400	0.77883	0.02991	0.01023	18	0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.77883	0.02991	0.01023	18	0.87	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.81450	0.02100	0.77883	0.02991	0.01023	18	1.19	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	0.82850	0.00500	0.77883	0.02991	0.01023	18	1.66	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.86900	0.02200	0.77883	0.02991	0.01023	18	3.01	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.79445	0.05030	0.77883	0.02991	0.01023	18	0.52	1%	1
134.01	Serine, Pre-col OPA Der (%)	0297	0.51400	0.00800				1			0
134.02	Serine, Post-col OPA Der (%)	0098	0.68750	0.02900				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.74300	0.00200				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			
134.05	Serine, Pre-col AQC Der (%)	0148	0.80050	0.01500				3			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.83500	0.03000				3			0
134.99	Serine, Miscellaneous (%)	2144	0.65000	0.02000				2			0
134.99	Serine, Miscellaneous (%)	2146	0.71500	0.03000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.75500	0.01000	0.78703	0.01798	0.00851	19	-1.78	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.76500	0.03000	0.78703	0.01798	0.00851	19	-1.23	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.77250	0.00500	0.78703	0.01798	0.00851	19	-0.81	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.77300	0.00400	0.78703	0.01798	0.00851	19	-0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.77450	0.00900	0.78703	0.01798	0.00851	19	-0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.77500	0.01000	0.78703	0.01798	0.00851	19	-0.67	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.77650	0.00100	0.78703	0.01798	0.00851	19	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.77900	0.00800	0.78703	0.01798	0.00851	19	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.78300	0.00400	0.78703	0.01798	0.00851	19	-0.22	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.78450	0.00900	0.78703	0.01798	0.00851	19	-0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.78900	0.00200	0.78703	0.01798	0.00851	19	0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.79400	0.00200	0.78703	0.01798	0.00851	19	0.39	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.79500	0.01000	0.78703	0.01798	0.00851	19	0.44	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.79645	0.02170	0.78703	0.01798	0.00851	19	0.52	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.80055	0.00290	0.78703	0.01798	0.00851	19	0.75	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.80250	0.01500	0.78703	0.01798	0.00851	19	0.86	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.80500	0.01000	0.78703	0.01798	0.00851	19	1.00	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.87850	0.00500	0.78703	0.01798	0.00851	19	5.09	6%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.92350	0.00300	0.78703	0.01798	0.00851	19	7.59	9%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.71100	0.00600				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.79800	0.00600				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.74900	0.00200	0.81513	0.09731	0.05475	4	-0.68	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.75450	0.01500	0.81513	0.09731	0.05475	4	-0.62	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.80000	0.08000	0.81513	0.09731	0.05475	4	-0.16	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0027	0.95700	0.12200	0.81513	0.09731	0.05475	4	1.46	9%	0
135.99	Threonine, Miscellaneous (%)	2146	0.76000	0.02000				3			0
135.99	Threonine, Miscellaneous (%)	2144	0.79000	0.02000				3			0
135.99	Threonine, Miscellaneous (%)	2145	0.84500	0.05000				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.18110	0.01120	0.24247	0.05996	0.02203	6	-1.02	13%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.20930	0.03500	0.24247	0.05996	0.02203	6	-0.55	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.23000	0.04000	0.24247	0.05996	0.02203	6	-0.21	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.23200	0.00800	0.24247	0.05996	0.02203	6	-0.17	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.02000	0.24247	0.05996	0.02203	6	0.46	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.36900	0.01800	0.24247	0.05996	0.02203	6	2.11	26%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.22150	0.00100				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.24100	0.00400				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.25150	0.00100				3			0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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			
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.22300	0.00600				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.22450	0.00500	0.23870	0.01059	0.00620	5	-1.34	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.23550	0.00100	0.23870	0.01059	0.00620	5	-0.30	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.23950	0.00500	0.23870	0.01059	0.00620	5	0.08	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24000	0.00400	0.23870	0.01059	0.00620	5	0.12	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.25400	0.01600	0.23870	0.01059	0.00620	5	1.45	3%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.18000	0.04000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.39960	0.00420	0.49655	0.04390	0.00877	13	-2.21	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.45500	0.01000	0.49655	0.04390	0.00877	13	-0.95	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.46000	0.00000	0.49655	0.04390	0.00877	13	-0.83	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.46500	0.01000	0.49655	0.04390	0.00877	13	-0.72	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.47950	0.00080	0.49655	0.04390	0.00877	13	-0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.48500	0.03000	0.49655	0.04390	0.00877	13	-0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.49600	0.01200	0.49655	0.04390	0.00877	13	-0.01	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.50350	0.00700	0.49655	0.04390	0.00877	13	0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.51700	0.00600	0.49655	0.04390	0.00877	13	0.47	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.52550	0.00500	0.49655	0.04390	0.00877	13	0.66	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.53000	0.00600	0.49655	0.04390	0.00877	13	0.76	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.54550	0.00100	0.49655	0.04390	0.00877	13	1.12	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.58300	0.02200	0.49655	0.04390	0.00877	13	1.97	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.47400	0.05000	0.49655	0.04390	0.00877	13	-0.51	2%	1
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.48600	0.01400				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.51850	0.02100				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.45150	0.00500				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.46400	0.00400				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.55500	0.01000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.84000	0.04000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.66380	0.02040	0.76113	0.03846	0.01793	19	-2.53	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.71350	0.01100	0.76113	0.03846	0.01793	19	-1.24	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.71550	0.01900	0.76113	0.03846	0.01793	19	-1.19	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.73000	0.02000	0.76113	0.03846	0.01793	19	-0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.74150	0.01500	0.76113	0.03846	0.01793	19	-0.51	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.75050	0.02100	0.76113	0.03846	0.01793	19	-0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.75055	0.03330	0.76113	0.03846	0.01793	19	-0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	0.75100	0.00800	0.76113	0.03846	0.01793	19	-0.26	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.75500	0.07000	0.76113	0.03846	0.01793	19	-0.16	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.75900	0.00800	0.76113	0.03846	0.01793	19	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.75900	0.00200	0.76113	0.03846	0.01793	19	-0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.76150	0.06100	0.76113	0.03846	0.01793	19	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.77200	0.00200	0.76113	0.03846	0.01793	19	0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.77750	0.01100	0.76113	0.03846	0.01793	19	0.43	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 (%)	0227	0.78000	0.00000	0.76113	0.03846	0.01793	19	0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.78500	0.01000	0.76113	0.03846	0.01793	19	0.62	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.82000	0.00000	0.76113	0.03846	0.01793	19	1.53	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.82150	0.01500	0.76113	0.03846	0.01793	19	1.57	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.83600	0.01400	0.76113	0.03846	0.01793	19	1.95	5%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.73100	0.05400				1			0
138.02	Valine, Post-col OPA Der (%)	0098	0.78150	0.01300				1			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.65000	0.00800				3			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.73750	0.00100				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.74500	0.05000				3			0
138.99	Valine, Miscellaneous (%)	2146	0.73500	0.03000				2			0
138.99	Valine, Miscellaneous (%)	2144	0.77000	0.02000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.03000	0.00000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
139.05	Taurine, Pre-col AQC Der (%)	0148	0.00000	0.00000				0			4
150.00	Phytase, Colorimetric (Units / kg)	0610	512.50	3.0000				2			0
150.00	Phytase, Colorimetric (Units / kg)	2068	565.50	15.000				2			0
160.99	Fructose, Miscellaneous (%)	0297	0.29300	0.00600	0.52418	0.20942	0.04920	5	-1.10	22%	0
160.99	Fructose, Miscellaneous (%)	0148	0.41000	0.04000	0.52418	0.20942	0.04920	5	-0.55	11%	0
160.99	Fructose, Miscellaneous (%)	2171	0.49790	0.00000	0.52418	0.20942	0.04920	5	-0.13	3%	0
160.99	Fructose, Miscellaneous (%)	0227	0.57000	0.10000	0.52418	0.20942	0.04920	5	0.22	4%	0
160.99	Fructose, Miscellaneous (%)	0861	0.85000	0.10000	0.52418	0.20942	0.04920	5	1.56	31%	0
160.99	Fructose, Miscellaneous (%)	0619	0.00000	0.00000	0.52418	0.20942	0.04920	5			4
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0297	0.15350	0.01700				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.20000	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	2171	0.25500	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	0148	0.00000	0.00000				3			4
162.99	Glucose, Miscellaneous (%)	0619	0.00000	0.00000				3			4
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000				3			4
163.99	Lactose, Miscellaneous (%)	0148	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	2171	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0227	0.47500	0.05000				2			0
164.99	Maltose, Miscellaneous (%)	0629	1.1500	0.10000				2			0
164.99	Maltose, Miscellaneous (%)	0148	0.00000	0.00000				2			4
164.99	Maltose, Miscellaneous (%)	0297	0.00000	0.00000				2			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				2			4
164.99	Maltose, Miscellaneous (%)	2171	0.00000	0.00000				2			4

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	
165.99	Sucrose, Miscellaneous (%)	0227	1.6150	0.21000	1.8655	0.20560	0.07350	8	-1.22	7%	0
165.99	Sucrose, Miscellaneous (%)	0619	1.6800	0.00000	1.8655	0.20560	0.07350	8	-0.90	5%	0
165.99	Sucrose, Miscellaneous (%)	2171	1.8070	0.00000	1.8655	0.20560	0.07350	8	-0.28	2%	0
165.99	Sucrose, Miscellaneous (%)	0629	1.8500	0.10000	1.8655	0.20560	0.07350	8	-0.08	0%	0
165.99	Sucrose, Miscellaneous (%)	0723	1.8729	0.00000	1.8655	0.20560	0.07350	8	0.04	0%	0
165.99	Sucrose, Miscellaneous (%)	0148	1.8750	0.07000	1.8655	0.20560	0.07350	8	0.05	0%	0
165.99	Sucrose, Miscellaneous (%)	0861	2.0500	0.10000	1.8655	0.20560	0.07350	8	0.90	5%	0
165.99	Sucrose, Miscellaneous (%)	0297	2.2110	0.10800	1.8655	0.20560	0.07350	8	1.68	9%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.59500	0.01000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.68350	0.00300				3			0
166.99	Raffinose, Miscellaneous (%)	0297	1.4860	0.02000				3			0
167.99	Stachyose, Miscellaneous (%)	0227	0.60500	0.03000				3			0
167.99	Stachyose, Miscellaneous (%)	0619	0.95000	0.00000				3			0
167.99	Stachyose, Miscellaneous (%)	0297	1.0600	0.05000				3			0
315.03	Diclozauril, LC-MS/MS (mg/kg (ppm))	0610	0.01150	0.00100				2			0
315.03	Diclozauril, LC-MS/MS (mg/kg (ppm))	2135	0.01165	0.00050				2			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	1.6872	0.22810				1			0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0038	7.5150	0.49000				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2127	1.6805	0.30700				1			0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0227	14.000	4.0000				1			0
357.99	Ethoxyquin, Miscellaneous (mg/kg (ppm))	0942	15.000	2.0000				1			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0553	1.2350	0.17000				2			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0027	1.3928	0.00770				2			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0148	0.00000	0.00000				2			4
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	2149	1.0900	0.00000				3			0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0038	1.8300	0.26000				3			0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0964	2.6229	0.09430				3			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0218	1.1380	0.01800	1.4480	0.44949	0.17883	4	-0.84	13%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2127	1.1450	0.63000	1.4480	0.44949	0.17883	4	-0.82	13%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	0610	1.4150	0.05000	1.4480	0.44949	0.17883	4	-0.27	4%	0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2135	2.0939	0.01730	1.4480	0.44949	0.17883	4	1.11	18%	0
361.99	Lasalocid sodium, Miscellaneous (mg/kg (ppm))	2144	945.50	55.000				1			0
365.02	Monensin, LC (mg/kg (ppm))	0668	2.9500	0.10000	3.1575	0.22998	0.29000	4	-1.00	2%	0
365.02	Monensin, LC (mg/kg (ppm))	0905	3.0500	0.10000	3.1575	0.22998	0.29000	4	0.00	0%	0
365.02	Monensin, LC (mg/kg (ppm))	0629	3.1500	0.10000	3.1575	0.22998	0.29000	4	1.00	2%	0
365.02	Monensin, LC (mg/kg (ppm))	0553	3.4800	0.86000	3.1575	0.22998	0.29000	4	4.30	7%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	2149	2.7000	0.20000	3.2812	0.67353	0.33593	4	-0.86	9%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0148	2.9050	0.29000	3.2812	0.67353	0.33593	4	-0.56	6%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	3.3000	0.20000	3.2812	0.67353	0.33593	4	0.03	0%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0964	4.2200	0.65370	3.2812	0.67353	0.33593	4	1.39	14%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0038	2.6250	0.21000	3.0695	0.41587	0.25978	5	-1.07	7%	0

Test Material Code # 201727

Method Proficiency Testing Report

Issue Date : 08/31/2017

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	
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0218	2.8190	0.00400	3.0695	0.41587	0.25978	5	-0.60	4%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0610	2.9250	0.07000	3.0695	0.41587	0.25978	5	-0.35	2%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2135	3.3183	0.41490	3.0695	0.41587	0.25978	5	0.60	4%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2127	3.6600	0.60000	3.0695	0.41587	0.25978	5	1.42	10%	0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	2144	1.3250	0.03000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	2145	1.7300	0.04000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0668	2.9200	0.06000				3			0
388.99	Tylosin, Miscellaneous (mg/kg (ppm))	2144	0.60500	0.01000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.56770	0.01200	0.58910	0.01496	0.00470	6	-1.43	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.58200	0.00000	0.58910	0.01496	0.00470	6	-0.47	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.58900	0.01400	0.58910	0.01496	0.00470	6	-0.01	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.59300	0.00080	0.58910	0.01496	0.00470	6	0.26	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.59690	0.00140	0.58910	0.01496	0.00470	6	0.52	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2009	0.60600	0.00000	0.58910	0.01496	0.00470	6	1.13	1%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.55500	0.00400				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.57800	0.00400				2			0
412.01	Dietary Starch, Enzymatic-Colorimetric (%)	0353	9.4150	0.11000				1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.07500	0.01000				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.08065	0.00070				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.11850	0.00500				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.13000	0.02000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.08950	0.00300	0.14020	0.05175	0.01015	4	-0.98	18%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.10170	0.00860	0.14020	0.05175	0.01015	4	-0.74	14%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.18350	0.01300	0.14020	0.05175	0.01015	4	0.84	15%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.18610	0.01600	0.14020	0.05175	0.01015	4	0.89	16%	0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0610	0.10000	0.00000				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.09500	0.01000				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.15000	0.00000				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.12500	0.00800				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.15000	0.00000				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.13300	0.01000	0.15604	0.01594	0.00458	4	-1.45	7%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15815	0.00030	0.15604	0.01594	0.00458	4	0.13	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.16450	0.00100	0.15604	0.01594	0.00458	4	0.53	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.16850	0.00700	0.15604	0.01594	0.00458	4	0.78	4%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	9.8300	0.04000				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	18.411	0.56430				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	23.150	2.3000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	12.890	0.00000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0504	22.710	2.4200				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	23.035	0.67000				3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	4.7450	0.37000				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			
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	5.7145	0.41860				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	19.450	4.1000				2			0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0610	0.20000	0.00000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.05500	0.01000				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.18000	0.00000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.20550	0.00900				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.16100	0.01400	0.17018	0.01036	0.02035	4	-0.89	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.16450	0.03100	0.17018	0.01036	0.02035	4	-0.55	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.17070	0.02340	0.17018	0.01036	0.02035	4	0.05	0%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.18450	0.01300	0.17018	0.01036	0.02035	4	1.38	4%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	8.9000	0.20000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0504	13.480	0.28000				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	3.4800	0.26000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	3.6784	0.31530				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	10.495	1.6100				2			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0619	0.01200	0.00000				1			0
704.00	Caproic Acid (6:0) , Miscellaneous GC (%)	0619	0.00800	0.00000				1			0
706.01	Caprylic acid (8:0), Direct Methylation by Alkali Hy	0619	0.00000	0.00000				0			4
708.01	Capric acid (10:0), Direct Methylation by Alkali Hy	0619	0.00000	0.00000				0			4
710.01	Lauric Acid (12:0), Direct Methylation by Alkali Hy	0619	0.00000	0.00000				0			4
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.00300	0.00000				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	0.00000	0.00000				1			4
714.01	Myristic Acid (14:0), Direct Methylation by Alkali H	0619	0.02450	0.00100				1			0
714.99	Myristic Acid (14:0), Miscellaneous (%) (w/w)	0226	0.00850	0.00100				1			0
716.01	Palmitic Acid (16:0), Direct Methylation by Alkali H	0619	0.61200	0.00400				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	0.93250	0.00700				1			0
718.01	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0619	0.00000	0.00000				0			4
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.01050	0.00100				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.01250	0.00100				2			0
722.01	Stearic Acid (18:0), Direct Methylation by Alkali Hy	0619	0.13250	0.00100				1			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0226	0.25450	0.00500				1			0
724.01	Oleic Acid (9c-18:1), Direct Methylation by Alkali H	0619	1.4750	0.03000				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0226	1.6660	0.02200				1			0
726.01	Linoleic Acid (9c,12c-18:2), Direct Methylation by ,	0619	4.4400	0.02000				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	0226	3.6555	0.11900				2			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	0676	4.3180	0.00600				2			0
728.01	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Met	0619	0.98500	0.00200				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0226	1.0350	0.05200				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	1.4030	0.00600				2			0
730.01	Arachidic Acid (20:0), Direct Methylation by Alkali	0619	0.03800	0.00200				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.02850	0.00100				1			0

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Method Proficiency Testing Report

Issue Date : 08/31/2017

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			
732.01	Gondoic Acid (11c-20:1), Direct Methylation by Alk	0619	0.04000	0.00200				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w)	0226	0.02200	0.00000				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-2l	0619	0.00000	0.00000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0676	0.04650	0.00100				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0226	0.00000	0.00000				1		4	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.02400	0.00000				1		0	
744.01	Erucic Acid (13c-22:1), Direct Methylation by Alkal	0619	0.00000	0.00000				0		4	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00050	0.00100				0		4	
746.01	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0619	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0226	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0676	0.00000	0.00000				0		4	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.01750	0.00100				1		0	
750.01	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0619	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0226	0.00000	0.00000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0676	0.00000	0.00000				0		4	
752.01	Nervonic Acid (24:1) isomers, Direct Methylation b	0619	0.00000	0.00000				0		4	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (0226	0.02900	0.05800				0		4	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0675	1.0000	0.24000				2		0	
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0148	1.1150	0.01000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0629	1.0340	0.03000				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0610	1.2500	0.10000				3		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	1.4550	0.01000				3		0	
756.01	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0148	3.7150	0.05000				1		0	
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0675	4.3950	0.57000				1		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0629	4.0065	0.07100				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	4.3250	0.01000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0610	4.5000	0.20000				3		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	7.7905	0.14900				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.