

Swine Feed, Medicated

Animal Feed Scheme

Labs Reporting: 195

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.30000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.2325	0.07500	9.4262	0.93443	0.15645	6	-1.28	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	8.7666	0.10570	9.4262	0.93443	0.15645	6	-0.71	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.2480	0.21800	9.4262	0.93443	0.15645	6	-0.19	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.8850	0.01000	9.4262	0.93443	0.15645	6	0.49	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	10.045	0.03000	9.4262	0.93443	0.15645	6	0.66	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	10.380	0.50000	9.4262	0.93443	0.15645	6	1.02	5%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	8.4900	0.04000	8.7690	0.21342	0.03312	6	-1.31	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	8.6450	0.01000	8.7690	0.21342	0.03312	6	-0.58	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	8.7750	0.01000	8.7690	0.21342	0.03312	6	0.03	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	8.8100	0.00000	8.7690	0.21342	0.03312	6	0.19	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.8500	0.02000	8.7690	0.21342	0.03312	6	0.38	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	9.0440	0.11870	8.7690	0.21342	0.03312	6	1.29	2%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	8.7650	0.53000	8.7690	0.21342	0.03312	6	-0.02	0%	1
001.05	Loss on Drying, LECO (%)	0610	8.4350	0.05000				2			0
001.05	Loss on Drying, LECO (%)	0644	8.6850	0.01000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.8780	0.00600	9.0636	0.50641	0.12238	37	-4.32	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.2650	0.03000	9.0636	0.50641	0.12238	37	-1.58	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	8.3600	0.06000	9.0636	0.50641	0.12238	37	-1.39	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.4200	0.32000	9.0636	0.50641	0.12238	37	-1.27	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.4298	0.13480	9.0636	0.50641	0.12238	37	-1.25	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.5550	0.17000	9.0636	0.50641	0.12238	37	-1.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.6200	0.34000	9.0636	0.50641	0.12238	37	-0.88	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.6800	0.00000	9.0636	0.50641	0.12238	37	-0.76	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	8.7200	0.00000	9.0636	0.50641	0.12238	37	-0.68	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.7750	0.03000	9.0636	0.50641	0.12238	37	-0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.8150	0.21000	9.0636	0.50641	0.12238	37	-0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.8450	0.03000	9.0636	0.50641	0.12238	37	-0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.8500	0.30000	9.0636	0.50641	0.12238	37	-0.42	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.8800	0.06000	9.0636	0.50641	0.12238	37	-0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.9650	0.15000	9.0636	0.50641	0.12238	37	-0.19	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.0000	0.00000	9.0636	0.50641	0.12238	37	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.0050	0.17000	9.0636	0.50641	0.12238	37	-0.12	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.0050	0.05000	9.0636	0.50641	0.12238	37	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.0400	0.62000	9.0636	0.50641	0.12238	37	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.0750	0.03000	9.0636	0.50641	0.12238	37	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.0950	0.13000	9.0636	0.50641	0.12238	37	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.1302	0.01090	9.0636	0.50641	0.12238	37	0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.1450	0.05000	9.0636	0.50641	0.12238	37	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	9.1600	0.02000	9.0636	0.50641	0.12238	37	0.19	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.2200	0.02000	9.0636	0.50641	0.12238	37	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.2350	0.05000	9.0636	0.50641	0.12238	37	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.3500	0.10000	9.0636	0.50641	0.12238	37	0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.3579	0.01940	9.0636	0.50641	0.12238	37	0.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.3950	0.09000	9.0636	0.50641	0.12238	37	0.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.5685	0.03700	9.0636	0.50641	0.12238	37	1.00	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.5950	0.47000	9.0636	0.50641	0.12238	37	1.05	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.6100	0.00000	9.0636	0.50641	0.12238	37	1.08	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	9.6650	0.03000	9.0636	0.50641	0.12238	37	1.19	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.7100	0.30000	9.0636	0.50641	0.12238	37	1.28	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.9800	0.12000	9.0636	0.50641	0.12238	37	1.81	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	10.215	0.25000	9.0636	0.50641	0.12238	37	2.27	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	11.720	0.12000	9.0636	0.50641	0.12238	37	5.25	15%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.8000	0.80000	9.0636	0.50641	0.12238	37	1.45	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	21.285	0.05000	9.0636	0.50641	0.12238	37	24.13	67%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	9.0750	0.63000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.3500	0.50000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.6050	0.09000	8.9530	0.73093	0.11697	20	-3.21	13%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.9250	0.05000	8.9530	0.73093	0.11697	20	-1.41	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.2750	0.03000	8.9530	0.73093	0.11697	20	-0.93	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	8.3360	0.02000	8.9530	0.73093	0.11697	20	-0.84	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.3750	0.03000	8.9530	0.73093	0.11697	20	-0.79	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.6200	0.30000	8.9530	0.73093	0.11697	20	-0.46	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.6250	0.09000	8.9530	0.73093	0.11697	20	-0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.6500	0.10000	8.9530	0.73093	0.11697	20	-0.41	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.6500	0.10000	8.9530	0.73093	0.11697	20	-0.41	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.6850	0.21000	8.9530	0.73093	0.11697	20	-0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	9.0550	0.25000	8.9530	0.73093	0.11697	20	0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.1300	0.08000	8.9530	0.73093	0.11697	20	0.24	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.1500	0.10000	8.9530	0.73093	0.11697	20	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.3900	0.26000	8.9530	0.73093	0.11697	20	0.60	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.5500	0.02000	8.9530	0.73093	0.11697	20	0.82	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0876	9.6150	0.25000	8.9530	0.73093	0.11697	20	0.91	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.6385	0.22940	8.9530	0.73093	0.11697	20	0.94	4%	0

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001.99	Loss on Drying, Miscellaneous (%)	0004	9.7150	0.07000	8.9530	0.73093	0.11697	20	1.04	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	9.7700	0.04000	8.9530	0.73093	0.11697	20	1.12	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	10.370	0.02000	8.9530	0.73093	0.11697	20	1.94	8%	0
002.00	Protein, Crude (%)	0169	20.875	0.03000				2			0
002.00	Protein, Crude (%)	0940	21.140	0.14000				2			0
002.01	Protein, Auto Kjehl-Foss (%)	0685	20.155	0.01000	20.742	0.36803	0.15417	12	-1.59	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0062	20.400	0.20000	20.742	0.36803	0.15417	12	-0.93	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0028	20.420	0.04000	20.742	0.36803	0.15417	12	-0.87	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	20.550	0.86000	20.742	0.36803	0.15417	12	-0.52	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	20.600	0.18000	20.742	0.36803	0.15417	12	-0.38	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	20.700	0.20000	20.742	0.36803	0.15417	12	-0.11	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	20.824	0.08600	20.742	0.36803	0.15417	12	0.22	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	20.860	0.08000	20.742	0.36803	0.15417	12	0.32	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	20.915	0.03400	20.742	0.36803	0.15417	12	0.47	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	21.050	0.10000	20.742	0.36803	0.15417	12	0.84	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	21.100	0.00000	20.742	0.36803	0.15417	12	0.97	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	21.290	0.06000	20.742	0.36803	0.15417	12	1.49	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0910	20.100	1.4000	20.742	0.36803	0.15417	12	-1.74	2%	1
002.01	Protein, Auto Kjehl-Foss (%)	0183	32.200	0.04000	20.742	0.36803	0.15417	12	31.13	28%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0042	20.455	0.13000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	21.245	0.13250				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	21.250	0.08000				3			0
002.04	Protein, Copper Catalyst (%)	0874	20.095	0.27000	21.127	0.72069	0.23500	6	-1.43	2%	0
002.04	Protein, Copper Catalyst (%)	0728	21.045	0.17000	21.127	0.72069	0.23500	6	-0.11	0%	0
002.04	Protein, Copper Catalyst (%)	0187	21.050	0.04000	21.127	0.72069	0.23500	6	-0.11	0%	0
002.04	Protein, Copper Catalyst (%)	0581	21.140	0.66000	21.127	0.72069	0.23500	6	0.02	0%	0
002.04	Protein, Copper Catalyst (%)	0504	21.275	0.25000	21.127	0.72069	0.23500	6	0.20	0%	0
002.04	Protein, Copper Catalyst (%)	0405	23.490	0.02000	21.127	0.72069	0.23500	6	3.28	6%	0
002.05	Protein, Copper, Boric Acid (%)	0623	20.538	0.39100	21.054	0.24937	0.10902	37	-2.07	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	20.550	0.50000	21.054	0.24937	0.10902	37	-2.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	20.590	0.08000	21.054	0.24937	0.10902	37	-1.86	1%	0
002.05	Protein, Copper, Boric Acid (%)	0619	20.800	0.20000	21.054	0.24937	0.10902	37	-1.02	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	20.810	0.16800	21.054	0.24937	0.10902	37	-0.98	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	20.815	0.03000	21.054	0.24937	0.10902	37	-0.96	1%	0
002.05	Protein, Copper, Boric Acid (%)	2145	20.835	0.23000	21.054	0.24937	0.10902	37	-0.88	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.850	0.04000	21.054	0.24937	0.10902	37	-0.82	0%	0
002.05	Protein, Copper, Boric Acid (%)	2146	20.860	0.06000	21.054	0.24937	0.10902	37	-0.78	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	20.865	0.02160	21.054	0.24937	0.10902	37	-0.76	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	20.900	0.00000	21.054	0.24937	0.10902	37	-0.62	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	20.915	0.19000	21.054	0.24937	0.10902	37	-0.56	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	20.930	0.04000	21.054	0.24937	0.10902	37	-0.50	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0948	20.965	0.07000	21.054	0.24937	0.10902	37	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	20.975	0.07000	21.054	0.24937	0.10902	37	-0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	20.985	0.19000	21.054	0.24937	0.10902	37	-0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	21.045	0.01000	21.054	0.24937	0.10902	37	-0.04	0%	0
002.05	Protein, Copper, Boric Acid (%)	2097	21.047	0.24660	21.054	0.24937	0.10902	37	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	21.050	0.02700	21.054	0.24937	0.10902	37	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	2109	21.070	0.20000	21.054	0.24937	0.10902	37	0.06	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	21.085	0.03000	21.054	0.24937	0.10902	37	0.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	21.115	0.01000	21.054	0.24937	0.10902	37	0.24	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	21.115	0.01000	21.054	0.24937	0.10902	37	0.24	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	21.130	0.02000	21.054	0.24937	0.10902	37	0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	21.140	0.02000	21.054	0.24937	0.10902	37	0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	21.150	0.02000	21.054	0.24937	0.10902	37	0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	21.183	0.05500	21.054	0.24937	0.10902	37	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	21.217	0.02540	21.054	0.24937	0.10902	37	0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	21.229	0.14300	21.054	0.24937	0.10902	37	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	21.230	0.06000	21.054	0.24937	0.10902	37	0.70	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	21.290	0.02000	21.054	0.24937	0.10902	37	0.94	1%	0
002.05	Protein, Copper, Boric Acid (%)	2009	21.333	0.08610	21.054	0.24937	0.10902	37	1.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	21.370	0.34000	21.054	0.24937	0.10902	37	1.27	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	21.385	0.36000	21.054	0.24937	0.10902	37	1.33	1%	0
002.05	Protein, Copper, Boric Acid (%)	0194	21.465	0.03000	21.054	0.24937	0.10902	37	1.65	1%	0
002.05	Protein, Copper, Boric Acid (%)	2152	21.520	0.04000	21.054	0.24937	0.10902	37	1.87	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	21.780	0.00000	21.054	0.24937	0.10902	37	2.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	19.775	0.33000	21.277	0.29479	0.20886	118	-5.09	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	20.221	0.10300	21.277	0.29479	0.20886	118	-3.58	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	20.430	0.38000	21.277	0.29479	0.20886	118	-2.87	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	20.517	0.41000	21.277	0.29479	0.20886	118	-2.58	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.565	0.25000	21.277	0.29479	0.20886	118	-2.41	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	20.700	0.26000	21.277	0.29479	0.20886	118	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	20.715	0.09000	21.277	0.29479	0.20886	118	-1.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	20.750	0.10000	21.277	0.29479	0.20886	118	-1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	20.750	0.10000	21.277	0.29479	0.20886	118	-1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0921	20.780	0.00000	21.277	0.29479	0.20886	118	-1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	20.800	0.60000	21.277	0.29479	0.20886	118	-1.62	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	20.850	0.10000	21.277	0.29479	0.20886	118	-1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	20.865	0.63000	21.277	0.29479	0.20886	118	-1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	20.890	0.02000	21.277	0.29479	0.20886	118	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	20.900	0.20000	21.277	0.29479	0.20886	118	-1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.900	0.08000	21.277	0.29479	0.20886	118	-1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	20.900	0.24000	21.277	0.29479	0.20886	118	-1.28	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 (%)	0598	20.920	0.02000	21.277	0.29479	0.20886	118	-1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	20.941	0.58300	21.277	0.29479	0.20886	118	-1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.950	0.30000	21.277	0.29479	0.20886	118	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	20.950	0.70000	21.277	0.29479	0.20886	118	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	21.000	0.02000	21.277	0.29479	0.20886	118	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	21.035	0.01000	21.277	0.29479	0.20886	118	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	21.040	0.00000	21.277	0.29479	0.20886	118	-0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	21.041	0.43200	21.277	0.29479	0.20886	118	-0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	21.080	0.12000	21.277	0.29479	0.20886	118	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	21.085	0.07000	21.277	0.29479	0.20886	118	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	21.085	0.21000	21.277	0.29479	0.20886	118	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	21.095	0.11000	21.277	0.29479	0.20886	118	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	21.095	0.02500	21.277	0.29479	0.20886	118	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	21.100	0.34000	21.277	0.29479	0.20886	118	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	21.115	0.03000	21.277	0.29479	0.20886	118	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	21.115	0.13000	21.277	0.29479	0.20886	118	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	21.118	0.23800	21.277	0.29479	0.20886	118	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	21.125	0.17000	21.277	0.29479	0.20886	118	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	21.140	0.12000	21.277	0.29479	0.20886	118	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	21.146	0.48900	21.277	0.29479	0.20886	118	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	21.150	0.10000	21.277	0.29479	0.20886	118	-0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	21.155	0.17000	21.277	0.29479	0.20886	118	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	21.155	0.33000	21.277	0.29479	0.20886	118	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	21.159	0.69600	21.277	0.29479	0.20886	118	-0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	21.170	0.02000	21.277	0.29479	0.20886	118	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	21.204	0.12620	21.277	0.29479	0.20886	118	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	21.205	0.05000	21.277	0.29479	0.20886	118	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	21.205	0.09000	21.277	0.29479	0.20886	118	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	21.210	0.04300	21.277	0.29479	0.20886	118	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	21.215	0.25000	21.277	0.29479	0.20886	118	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	21.215	0.33000	21.277	0.29479	0.20886	118	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0546	21.235	0.03000	21.277	0.29479	0.20886	118	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	21.245	0.61000	21.277	0.29479	0.20886	118	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	21.250	0.25000	21.277	0.29479	0.20886	118	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	21.250	0.10000	21.277	0.29479	0.20886	118	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	21.264	0.30700	21.277	0.29479	0.20886	118	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	21.265	0.17000	21.277	0.29479	0.20886	118	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	21.265	0.23000	21.277	0.29479	0.20886	118	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	21.277	0.13440	21.277	0.29479	0.20886	118	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	21.279	0.10400	21.277	0.29479	0.20886	118	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	21.291	0.27900	21.277	0.29479	0.20886	118	0.05	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 (%)	0175	21.300	0.20000	21.277	0.29479	0.20886	118	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	21.300	0.02000	21.277	0.29479	0.20886	118	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	21.300	0.20000	21.277	0.29479	0.20886	118	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	21.300	0.00000	21.277	0.29479	0.20886	118	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	21.320	0.56000	21.277	0.29479	0.20886	118	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	21.345	0.15000	21.277	0.29479	0.20886	118	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	21.350	0.30000	21.277	0.29479	0.20886	118	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	21.350	0.10000	21.277	0.29479	0.20886	118	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	21.350	0.30000	21.277	0.29479	0.20886	118	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	21.350	0.10000	21.277	0.29479	0.20886	118	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	21.350	0.30000	21.277	0.29479	0.20886	118	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	21.375	0.15000	21.277	0.29479	0.20886	118	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.380	0.12000	21.277	0.29479	0.20886	118	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	21.380	0.12000	21.277	0.29479	0.20886	118	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	21.380	0.30000	21.277	0.29479	0.20886	118	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	21.395	0.27000	21.277	0.29479	0.20886	118	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	21.400	0.20000	21.277	0.29479	0.20886	118	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	21.400	0.20000	21.277	0.29479	0.20886	118	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	21.400	0.08000	21.277	0.29479	0.20886	118	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	21.410	0.20000	21.277	0.29479	0.20886	118	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	21.410	0.00000	21.277	0.29479	0.20886	118	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	21.420	0.12000	21.277	0.29479	0.20886	118	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	21.430	0.02000	21.277	0.29479	0.20886	118	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	21.435	0.01000	21.277	0.29479	0.20886	118	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	21.445	0.05000	21.277	0.29479	0.20886	118	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	21.450	0.10000	21.277	0.29479	0.20886	118	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	21.450	0.22000	21.277	0.29479	0.20886	118	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	21.450	0.10000	21.277	0.29479	0.20886	118	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	21.455	0.21000	21.277	0.29479	0.20886	118	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	21.465	0.03000	21.277	0.29479	0.20886	118	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	21.465	0.17000	21.277	0.29479	0.20886	118	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	21.480	0.26000	21.277	0.29479	0.20886	118	0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	21.483	0.11000	21.277	0.29479	0.20886	118	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	21.485	0.27000	21.277	0.29479	0.20886	118	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	21.495	0.13000	21.277	0.29479	0.20886	118	0.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	21.500	0.20000	21.277	0.29479	0.20886	118	0.76	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	21.505	0.10870	21.277	0.29479	0.20886	118	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	21.505	0.07000	21.277	0.29479	0.20886	118	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	21.510	0.20000	21.277	0.29479	0.20886	118	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	21.525	0.35000	21.277	0.29479	0.20886	118	0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	21.540	0.42000	21.277	0.29479	0.20886	118	0.89	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	21.540	0.02000	21.277	0.29479	0.20886	118	0.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	21.550	0.20000	21.277	0.29479	0.20886	118	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	21.551	0.27800	21.277	0.29479	0.20886	118	0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	21.556	0.70500	21.277	0.29479	0.20886	118	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	21.565	0.07000	21.277	0.29479	0.20886	118	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	21.569	0.12400	21.277	0.29479	0.20886	118	0.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	21.600	0.12000	21.277	0.29479	0.20886	118	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	21.625	0.01000	21.277	0.29479	0.20886	118	1.18	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	21.635	0.29000	21.277	0.29479	0.20886	118	1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	21.650	0.30000	21.277	0.29479	0.20886	118	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	21.700	0.20000	21.277	0.29479	0.20886	118	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	21.765	0.45000	21.277	0.29479	0.20886	118	1.66	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	21.770	0.22000	21.277	0.29479	0.20886	118	1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	21.860	0.00000	21.277	0.29479	0.20886	118	1.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	22.035	0.67000	21.277	0.29479	0.20886	118	2.57	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	22.200	0.40000	21.277	0.29479	0.20886	118	3.13	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	22.250	0.30000	21.277	0.29479	0.20886	118	3.30	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	23.115	0.77000	21.277	0.29479	0.20886	118	6.24	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	23.325	0.07000	21.277	0.29479	0.20886	118	6.95	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	21.305	0.91000	21.277	0.29479	0.20886	118	0.10	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	9.4250	0.01000	21.277	0.29479	0.20886	118	-40.20	28%	2
002.08	Protein, Cu/Ti (%)	0563	20.770	0.06000				2			0
002.08	Protein, Cu/Ti (%)	0098	21.105	0.05000				2			0
002.10	Protein, Block dig/distillation (%)	2066	21.100	0.20000				2			0
002.10	Protein, Block dig/distillation (%)	0629	21.195	0.05000				2			0
002.11	Protein, NIR (%)	0889	21.460	0.30000				2			0
002.11	Protein, NIR (%)	0297	21.800	0.20000				2			0
002.99	Protein, Miscellaneous (%)	2004	21.450	0.30000				2			0
002.99	Protein, Miscellaneous (%)	2105	23.210	0.08000				2			0
003.00	Fat, Eth Ext., Direct (%)	0653	6.4600	0.04000	6.8532	0.28282	0.07302	13	-1.39	3%	0
003.00	Fat, Eth Ext., Direct (%)	2109	6.5750	0.13000	6.8532	0.28282	0.07302	13	-0.98	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	6.6050	0.05000	6.8532	0.28282	0.07302	13	-0.88	2%	0
003.00	Fat, Eth Ext., Direct (%)	0026	6.6450	0.11000	6.8532	0.28282	0.07302	13	-0.74	2%	0
003.00	Fat, Eth Ext., Direct (%)	0175	6.6600	0.10000	6.8532	0.28282	0.07302	13	-0.68	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	6.8100	0.12000	6.8532	0.28282	0.07302	13	-0.15	0%	0
003.00	Fat, Eth Ext., Direct (%)	0345	6.8500	0.10000	6.8532	0.28282	0.07302	13	-0.01	0%	0
003.00	Fat, Eth Ext., Direct (%)	0885	6.9052	0.02670	6.8532	0.28282	0.07302	13	0.18	0%	0
003.00	Fat, Eth Ext., Direct (%)	0615	7.0400	0.10000	6.8532	0.28282	0.07302	13	0.66	1%	0
003.00	Fat, Eth Ext., Direct (%)	0309	7.0561	0.04260	6.8532	0.28282	0.07302	13	0.72	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	7.1000	0.02000	6.8532	0.28282	0.07302	13	0.87	2%	0
003.00	Fat, Eth Ext., Direct (%)	0035	7.1800	0.08000	6.8532	0.28282	0.07302	13	1.16	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Eth Ext., Direct (%)	0194	7.2050	0.03000	6.8532	0.28282	0.07302	13	1.24	3%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	5.6600	0.28000				1			0
003.06	Fat, Pet Ether (%)	0169	6.1800	0.00000	6.6529	0.23245	0.09072	20	-2.03	4%	0
003.06	Fat, Pet Ether (%)	0918	6.2500	0.04000	6.6529	0.23245	0.09072	20	-1.73	3%	0
003.06	Fat, Pet Ether (%)	0644	6.4150	0.07000	6.6529	0.23245	0.09072	20	-1.02	2%	0
003.06	Fat, Pet Ether (%)	0687	6.4750	0.15000	6.6529	0.23245	0.09072	20	-0.77	1%	0
003.06	Fat, Pet Ether (%)	0425	6.5050	0.05000	6.6529	0.23245	0.09072	20	-0.64	1%	0
003.06	Fat, Pet Ether (%)	0164	6.5100	0.06000	6.6529	0.23245	0.09072	20	-0.61	1%	0
003.06	Fat, Pet Ether (%)	0294	6.5400	0.10000	6.6529	0.23245	0.09072	20	-0.49	1%	0
003.06	Fat, Pet Ether (%)	0563	6.5701	0.27830	6.6529	0.23245	0.09072	20	-0.36	1%	0
003.06	Fat, Pet Ether (%)	0148	6.5800	0.06000	6.6529	0.23245	0.09072	20	-0.31	1%	0
003.06	Fat, Pet Ether (%)	0689	6.6000	0.20000	6.6529	0.23245	0.09072	20	-0.23	0%	0
003.06	Fat, Pet Ether (%)	0552	6.6450	0.05000	6.6529	0.23245	0.09072	20	-0.03	0%	0
003.06	Fat, Pet Ether (%)	0297	6.7250	0.11000	6.6529	0.23245	0.09072	20	0.31	1%	0
003.06	Fat, Pet Ether (%)	0083	6.7650	0.25000	6.6529	0.23245	0.09072	20	0.48	1%	0
003.06	Fat, Pet Ether (%)	0849	6.7780	0.01600	6.6529	0.23245	0.09072	20	0.54	1%	0
003.06	Fat, Pet Ether (%)	0511	6.8050	0.03000	6.6529	0.23245	0.09072	20	0.65	1%	0
003.06	Fat, Pet Ether (%)	0229	6.8200	0.08000	6.6529	0.23245	0.09072	20	0.72	1%	0
003.06	Fat, Pet Ether (%)	0682	6.9000	0.00000	6.6529	0.23245	0.09072	20	1.06	2%	0
003.06	Fat, Pet Ether (%)	0910	6.9000	0.04000	6.6529	0.23245	0.09072	20	1.06	2%	0
003.06	Fat, Pet Ether (%)	0300	6.9150	0.07000	6.6529	0.23245	0.09072	20	1.13	2%	0
003.06	Fat, Pet Ether (%)	2066	7.1100	0.16000	6.6529	0.23245	0.09072	20	1.97	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	6.1150	0.23000	6.5894	0.35103	0.08694	17	-1.35	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	6.1350	0.01000	6.5894	0.35103	0.08694	17	-1.29	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	6.3150	0.13000	6.5894	0.35103	0.08694	17	-0.78	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	6.3400	0.06000	6.5894	0.35103	0.08694	17	-0.71	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	6.3650	0.01000	6.5894	0.35103	0.08694	17	-0.64	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	6.3850	0.09000	6.5894	0.35103	0.08694	17	-0.58	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	6.4000	0.20000	6.5894	0.35103	0.08694	17	-0.54	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	6.4500	0.10000	6.5894	0.35103	0.08694	17	-0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	6.4507	0.00460	6.5894	0.35103	0.08694	17	-0.40	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	6.6950	0.11000	6.5894	0.35103	0.08694	17	0.30	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	6.7449	0.00340	6.5894	0.35103	0.08694	17	0.44	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	6.8350	0.01000	6.5894	0.35103	0.08694	17	0.70	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	6.8800	0.18000	6.5894	0.35103	0.08694	17	0.83	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	6.8900	0.06000	6.5894	0.35103	0.08694	17	0.86	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	6.9550	0.11000	6.5894	0.35103	0.08694	17	1.04	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	7.0150	0.07000	6.5894	0.35103	0.08694	17	1.21	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	7.0500	0.10000	6.5894	0.35103	0.08694	17	1.31	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	7.2000	0.56000	6.5894	0.35103	0.08694	17	1.74	5%	1
003.10	Fat, Soxtec, Pet Ether (%)	0881	5.7720	0.02400	6.4724	0.30033	0.10874	28	-2.33	5%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	2022	5.9550	0.07000	6.4724	0.30033	0.10874	28	-1.72	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	5.9600	0.12000	6.4724	0.30033	0.10874	28	-1.71	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	6.1800	0.02000	6.4724	0.30033	0.10874	28	-0.97	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	6.1950	0.21000	6.4724	0.30033	0.10874	28	-0.92	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	6.2514	0.08060	6.4724	0.30033	0.10874	28	-0.74	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0062	6.3000	0.00000	6.4724	0.30033	0.10874	28	-0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	6.3357	0.02300	6.4724	0.30033	0.10874	28	-0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	6.3450	0.01000	6.4724	0.30033	0.10874	28	-0.42	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	6.3480	0.01200	6.4724	0.30033	0.10874	28	-0.41	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	6.3850	0.01000	6.4724	0.30033	0.10874	28	-0.29	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	6.4000	0.32000	6.4724	0.30033	0.10874	28	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	6.4000	0.20000	6.4724	0.30033	0.10874	28	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	6.4000	0.14000	6.4724	0.30033	0.10874	28	-0.24	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	6.4050	0.11000	6.4724	0.30033	0.10874	28	-0.22	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	6.4150	0.33000	6.4724	0.30033	0.10874	28	-0.19	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	6.4700	0.12000	6.4724	0.30033	0.10874	28	-0.01	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	6.6234	0.35840	6.4724	0.30033	0.10874	28	0.50	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	6.6505	0.02770	6.4724	0.30033	0.10874	28	0.59	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	6.6785	0.14900	6.4724	0.30033	0.10874	28	0.69	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	6.7050	0.27000	6.4724	0.30033	0.10874	28	0.77	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	6.7500	0.10000	6.4724	0.30033	0.10874	28	0.92	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	6.7800	0.02000	6.4724	0.30033	0.10874	28	1.02	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	6.7850	0.05000	6.4724	0.30033	0.10874	28	1.04	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	6.7950	0.09000	6.4724	0.30033	0.10874	28	1.07	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	6.8500	0.08000	6.4724	0.30033	0.10874	28	1.26	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	6.8530	0.06000	6.4724	0.30033	0.10874	28	1.27	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	6.8600	0.04000	6.4724	0.30033	0.10874	28	1.29	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0623	7.3800	0.64800	6.4724	0.30033	0.10874	28	3.02	7%	1
003.10	Fat, Soxtec, Pet Ether (%)	0952	1.8100	0.02000	6.4724	0.30033	0.10874	28	-15.52	36%	2
003.11	Fat, NIR (%)	0889	7.7750	0.11000				2			0
003.11	Fat, NIR (%)	0297	8.1200	0.10000				2			0
003.12	Fat, Hexane Ext (%)	2152	6.3000	0.08000	6.5761	0.22975	0.04715	8	-1.20	2%	0
003.12	Fat, Hexane Ext (%)	0895	6.3350	0.03000	6.5761	0.22975	0.04715	8	-1.05	2%	0
003.12	Fat, Hexane Ext (%)	0903	6.4750	0.01000	6.5761	0.22975	0.04715	8	-0.44	1%	0
003.12	Fat, Hexane Ext (%)	2062	6.5538	0.02720	6.5761	0.22975	0.04715	8	-0.10	0%	0
003.12	Fat, Hexane Ext (%)	0940	6.5950	0.09000	6.5761	0.22975	0.04715	8	0.08	0%	0
003.12	Fat, Hexane Ext (%)	0171	6.7100	0.12000	6.5761	0.22975	0.04715	8	0.58	1%	0
003.12	Fat, Hexane Ext (%)	0893	6.7700	0.00000	6.5761	0.22975	0.04715	8	0.84	1%	0
003.12	Fat, Hexane Ext (%)	0028	6.8700	0.02000	6.5761	0.22975	0.04715	8	1.28	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	6.3600	0.30000	6.6857	0.29536	0.18857	7	-1.10	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	6.4350	0.03000	6.6857	0.29536	0.18857	7	-0.85	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	
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	6.6000	0.58000	6.6857	0.29536	0.18857	7	-0.29	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	6.6500	0.12000	6.6857	0.29536	0.18857	7	-0.12	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	6.7450	0.07000	6.6857	0.29536	0.18857	7	0.20	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	6.9000	0.14000	6.6857	0.29536	0.18857	7	0.73	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	7.1100	0.08000	6.6857	0.29536	0.18857	7	1.44	3%	0
003.14	Fat, Ankom (%)	0848	5.6300	0.12000	6.6631	0.28239	0.12695	42	-3.66	8%	0
003.14	Fat, Ankom (%)	0019	6.0900	0.20000	6.6631	0.28239	0.12695	42	-2.03	4%	0
003.14	Fat, Ankom (%)	0581	6.1950	0.13000	6.6631	0.28239	0.12695	42	-1.66	4%	0
003.14	Fat, Ankom (%)	0682	6.2600	0.00000	6.6631	0.28239	0.12695	42	-1.43	3%	0
003.14	Fat, Ankom (%)	0574	6.3000	0.04000	6.6631	0.28239	0.12695	42	-1.29	3%	0
003.14	Fat, Ankom (%)	0175	6.3400	0.20000	6.6631	0.28239	0.12695	42	-1.14	2%	0
003.14	Fat, Ankom (%)	0520	6.3850	0.41000	6.6631	0.28239	0.12695	42	-0.98	2%	0
003.14	Fat, Ankom (%)	0108	6.4000	0.32000	6.6631	0.28239	0.12695	42	-0.93	2%	0
003.14	Fat, Ankom (%)	0037	6.4200	0.04000	6.6631	0.28239	0.12695	42	-0.86	2%	0
003.14	Fat, Ankom (%)	0956	6.5000	0.00000	6.6631	0.28239	0.12695	42	-0.58	1%	0
003.14	Fat, Ankom (%)	0968	6.5205	0.01300	6.6631	0.28239	0.12695	42	-0.50	1%	0
003.14	Fat, Ankom (%)	0912	6.5250	0.07000	6.6631	0.28239	0.12695	42	-0.49	1%	0
003.14	Fat, Ankom (%)	0357	6.5500	0.10000	6.6631	0.28239	0.12695	42	-0.40	1%	0
003.14	Fat, Ankom (%)	0229	6.5750	0.03000	6.6631	0.28239	0.12695	42	-0.31	1%	0
003.14	Fat, Ankom (%)	2129	6.5850	0.03000	6.6631	0.28239	0.12695	42	-0.28	1%	0
003.14	Fat, Ankom (%)	0683	6.6000	0.06000	6.6631	0.28239	0.12695	42	-0.22	0%	0
003.14	Fat, Ankom (%)	0692	6.6000	0.20000	6.6631	0.28239	0.12695	42	-0.22	0%	0
003.14	Fat, Ankom (%)	0529	6.6050	0.15000	6.6631	0.28239	0.12695	42	-0.21	0%	0
003.14	Fat, Ankom (%)	0876	6.6050	0.03000	6.6631	0.28239	0.12695	42	-0.21	0%	0
003.14	Fat, Ankom (%)	0089	6.6100	0.00000	6.6631	0.28239	0.12695	42	-0.19	0%	0
003.14	Fat, Ankom (%)	0144	6.6200	0.04000	6.6631	0.28239	0.12695	42	-0.15	0%	0
003.14	Fat, Ankom (%)	0358	6.6350	0.09000	6.6631	0.28239	0.12695	42	-0.10	0%	0
003.14	Fat, Ankom (%)	0049	6.6450	0.45000	6.6631	0.28239	0.12695	42	-0.06	0%	0
003.14	Fat, Ankom (%)	0034	6.6900	0.44000	6.6631	0.28239	0.12695	42	0.10	0%	0
003.14	Fat, Ankom (%)	0278	6.7000	0.20000	6.6631	0.28239	0.12695	42	0.13	0%	0
003.14	Fat, Ankom (%)	0202	6.7000	0.06000	6.6631	0.28239	0.12695	42	0.13	0%	0
003.14	Fat, Ankom (%)	0066	6.7050	0.29000	6.6631	0.28239	0.12695	42	0.15	0%	0
003.14	Fat, Ankom (%)	0186	6.7900	0.04000	6.6631	0.28239	0.12695	42	0.45	1%	0
003.14	Fat, Ankom (%)	0878	6.8100	0.14000	6.6631	0.28239	0.12695	42	0.52	1%	0
003.14	Fat, Ankom (%)	0619	6.8550	0.15000	6.6631	0.28239	0.12695	42	0.68	1%	0
003.14	Fat, Ankom (%)	0948	6.8550	0.05000	6.6631	0.28239	0.12695	42	0.68	1%	0
003.14	Fat, Ankom (%)	0004	6.8700	0.32000	6.6631	0.28239	0.12695	42	0.73	2%	0
003.14	Fat, Ankom (%)	0407	6.8794	0.01370	6.6631	0.28239	0.12695	42	0.77	2%	0
003.14	Fat, Ankom (%)	0955	6.8850	0.01000	6.6631	0.28239	0.12695	42	0.79	2%	0
003.14	Fat, Ankom (%)	0001	6.8965	0.11500	6.6631	0.28239	0.12695	42	0.83	2%	0
003.14	Fat, Ankom (%)	0009	6.9150	0.13000	6.6631	0.28239	0.12695	42	0.89	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0190	6.9750	0.19000	6.6631	0.28239	0.12695	42	1.10	2%	0
003.14	Fat, Ankom (%)	0265	6.9850	0.03000	6.6631	0.28239	0.12695	42	1.14	2%	0
003.14	Fat, Ankom (%)	0074	7.0800	0.08000	6.6631	0.28239	0.12695	42	1.48	3%	0
003.14	Fat, Ankom (%)	0726	7.2050	0.03000	6.6631	0.28239	0.12695	42	1.92	4%	0
003.14	Fat, Ankom (%)	0413	7.4000	0.00000	6.6631	0.28239	0.12695	42	2.61	6%	0
003.14	Fat, Ankom (%)	2075	7.5500	0.32000	6.6631	0.28239	0.12695	42	3.14	7%	0
003.14	Fat, Ankom (%)	0843	6.1950	0.65000	6.6631	0.28239	0.12695	42	-1.66	4%	1
003.99	Fat, Miscellaneous (%)	0546	5.6600	0.50000	7.3125	1.5572	0.22500	4	-1.06	11%	0
003.99	Fat, Miscellaneous (%)	0536	6.7450	0.03000	7.3125	1.5572	0.22500	4	-0.36	4%	0
003.99	Fat, Miscellaneous (%)	0941	7.4850	0.21000	7.3125	1.5572	0.22500	4	0.11	1%	0
003.99	Fat, Miscellaneous (%)	1019	9.3600	0.16000	7.3125	1.5572	0.22500	4	1.31	14%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	1.4900	0.06000	1.8813	0.10400	0.07932	17	-3.76	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	1.7600	0.00000	1.8813	0.10400	0.07932	17	-1.17	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	1.7750	0.07000	1.8813	0.10400	0.07932	17	-1.02	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	1.8100	0.08000	1.8813	0.10400	0.07932	17	-0.69	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	1.8250	0.13000	1.8813	0.10400	0.07932	17	-0.54	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	1.8350	0.03000	1.8813	0.10400	0.07932	17	-0.45	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	1.8500	0.10000	1.8813	0.10400	0.07932	17	-0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	1.8770	0.06840	1.8813	0.10400	0.07932	17	-0.04	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	1.8800	0.00000	1.8813	0.10400	0.07932	17	-0.01	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	1.9000	0.20000	1.8813	0.10400	0.07932	17	0.18	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	1.9000	0.00000	1.8813	0.10400	0.07932	17	0.18	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	1.9000	0.20000	1.8813	0.10400	0.07932	17	0.18	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	1.9200	0.00000	1.8813	0.10400	0.07932	17	0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	1.9300	0.14000	1.8813	0.10400	0.07932	17	0.47	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	2.0200	0.12000	1.8813	0.10400	0.07932	17	1.33	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	2.1200	0.05000	1.8813	0.10400	0.07932	17	2.30	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	2.2000	0.10000	1.8813	0.10400	0.07932	17	3.06	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	2.1000	0.40000	1.8813	0.10400	0.07932	17	2.10	6%	1
004.01	Fiber, Sing Filt (%)	0366	2.9000	0.80000				1			0
004.03	Fiber, Fritted Glass (%)	2089	1.5300	0.22000	1.8201	0.24235	0.14121	7	-1.20	8%	0
004.03	Fiber, Fritted Glass (%)	0921	1.5350	0.01000	1.8201	0.24235	0.14121	7	-1.18	8%	0
004.03	Fiber, Fritted Glass (%)	0353	1.8050	0.03000	1.8201	0.24235	0.14121	7	-0.06	0%	0
004.03	Fiber, Fritted Glass (%)	0693	1.8555	0.15850	1.8201	0.24235	0.14121	7	0.15	1%	0
004.03	Fiber, Fritted Glass (%)	0964	1.9550	0.17000	1.8201	0.24235	0.14121	7	0.56	4%	0
004.03	Fiber, Fritted Glass (%)	0626	2.0100	0.22000	1.8201	0.24235	0.14121	7	0.78	5%	0
004.03	Fiber, Fritted Glass (%)	0045	2.0500	0.18000	1.8201	0.24235	0.14121	7	0.95	6%	0
004.06	Fiber, Fibertec (%)	0893	1.6400	0.00000	1.9285	0.21800	0.07596	25	-1.32	7%	0
004.06	Fiber, Fibertec (%)	0885	1.6996	0.02530	1.9285	0.21800	0.07596	25	-1.05	6%	0
004.06	Fiber, Fibertec (%)	2145	1.7000	0.06000	1.9285	0.21800	0.07596	25	-1.05	6%	0
004.06	Fiber, Fibertec (%)	0948	1.7350	0.03000	1.9285	0.21800	0.07596	25	-0.89	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	
004.06	Fiber, Fibertec (%)	0897	1.7400	0.02000	1.9285	0.21800	0.07596	25	-0.86	5%	0
004.06	Fiber, Fibertec (%)	2068	1.7950	0.01000	1.9285	0.21800	0.07596	25	-0.61	3%	0
004.06	Fiber, Fibertec (%)	0689	1.8000	0.00000	1.9285	0.21800	0.07596	25	-0.59	3%	0
004.06	Fiber, Fibertec (%)	0941	1.8150	0.23000	1.9285	0.21800	0.07596	25	-0.52	3%	0
004.06	Fiber, Fibertec (%)	0590	1.8250	0.15000	1.9285	0.21800	0.07596	25	-0.47	3%	0
004.06	Fiber, Fibertec (%)	0881	1.8325	0.13900	1.9285	0.21800	0.07596	25	-0.44	2%	0
004.06	Fiber, Fibertec (%)	0968	1.8345	0.02300	1.9285	0.21800	0.07596	25	-0.43	2%	0
004.06	Fiber, Fibertec (%)	0098	1.8400	0.02000	1.9285	0.21800	0.07596	25	-0.41	2%	0
004.06	Fiber, Fibertec (%)	2022	1.9100	0.08000	1.9285	0.21800	0.07596	25	-0.08	0%	0
004.06	Fiber, Fibertec (%)	2149	1.9250	0.03000	1.9285	0.21800	0.07596	25	-0.02	0%	0
004.06	Fiber, Fibertec (%)	0205	1.9300	0.08000	1.9285	0.21800	0.07596	25	0.01	0%	0
004.06	Fiber, Fibertec (%)	0895	1.9300	0.04000	1.9285	0.21800	0.07596	25	0.01	0%	0
004.06	Fiber, Fibertec (%)	2093	1.9350	0.01000	1.9285	0.21800	0.07596	25	0.03	0%	0
004.06	Fiber, Fibertec (%)	0903	1.9750	0.01000	1.9285	0.21800	0.07596	25	0.21	1%	0
004.06	Fiber, Fibertec (%)	0918	2.0350	0.09000	1.9285	0.21800	0.07596	25	0.49	3%	0
004.06	Fiber, Fibertec (%)	0675	2.0900	0.32000	1.9285	0.21800	0.07596	25	0.74	4%	0
004.06	Fiber, Fibertec (%)	2062	2.2192	0.03160	1.9285	0.21800	0.07596	25	1.33	8%	0
004.06	Fiber, Fibertec (%)	2006	2.2400	0.18000	1.9285	0.21800	0.07596	25	1.43	8%	0
004.06	Fiber, Fibertec (%)	0878	2.3300	0.14000	1.9285	0.21800	0.07596	25	1.84	10%	0
004.06	Fiber, Fibertec (%)	0728	2.8000	0.00000	1.9285	0.21800	0.07596	25	4.00	23%	0
004.06	Fiber, Fibertec (%)	0676	2.8600	0.18000	1.9285	0.21800	0.07596	25	4.27	24%	0
004.06	Fiber, Fibertec (%)	0952	6.2150	0.01000	1.9285	0.21800	0.07596	25	19.66	111%	2
004.07	Fiber, ANKOM (%)	2009	0.56285	0.04250	1.7623	0.25661	0.12388	64	-4.67	34%	0
004.07	Fiber, ANKOM (%)	0265	0.76000	0.12000	1.7623	0.25661	0.12388	64	-3.91	28%	0
004.07	Fiber, ANKOM (%)	0144	1.0750	0.01000	1.7623	0.25661	0.12388	64	-2.68	19%	0
004.07	Fiber, ANKOM (%)	0202	1.0900	0.04000	1.7623	0.25661	0.12388	64	-2.62	19%	0
004.07	Fiber, ANKOM (%)	0552	1.3400	0.08000	1.7623	0.25661	0.12388	64	-1.65	12%	0
004.07	Fiber, ANKOM (%)	2012	1.3550	0.13000	1.7623	0.25661	0.12388	64	-1.59	12%	0
004.07	Fiber, ANKOM (%)	0510	1.4000	0.20000	1.7623	0.25661	0.12388	64	-1.41	10%	0
004.07	Fiber, ANKOM (%)	0683	1.4300	0.04000	1.7623	0.25661	0.12388	64	-1.29	9%	0
004.07	Fiber, ANKOM (%)	0294	1.4500	0.10000	1.7623	0.25661	0.12388	64	-1.22	9%	0
004.07	Fiber, ANKOM (%)	0910	1.4500	0.10000	1.7623	0.25661	0.12388	64	-1.22	9%	0
004.07	Fiber, ANKOM (%)	0939	1.4850	0.09000	1.7623	0.25661	0.12388	64	-1.08	8%	0
004.07	Fiber, ANKOM (%)	0035	1.5250	0.11000	1.7623	0.25661	0.12388	64	-0.92	7%	0
004.07	Fiber, ANKOM (%)	0726	1.5500	0.10000	1.7623	0.25661	0.12388	64	-0.83	6%	0
004.07	Fiber, ANKOM (%)	0653	1.5750	0.03000	1.7623	0.25661	0.12388	64	-0.73	5%	0
004.07	Fiber, ANKOM (%)	2146	1.5800	0.08000	1.7623	0.25661	0.12388	64	-0.71	5%	0
004.07	Fiber, ANKOM (%)	0026	1.6000	0.00000	1.7623	0.25661	0.12388	64	-0.63	5%	0
004.07	Fiber, ANKOM (%)	0229	1.6500	0.10000	1.7623	0.25661	0.12388	64	-0.44	3%	0
004.07	Fiber, ANKOM (%)	0278	1.6500	0.30000	1.7623	0.25661	0.12388	64	-0.44	3%	0
004.07	Fiber, ANKOM (%)	0413	1.6500	0.10000	1.7623	0.25661	0.12388	64	-0.44	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	
004.07	Fiber, ANKOM (%)	0042	1.6550	0.45000	1.7623	0.25661	0.12388	64	-0.42	3%	0
004.07	Fiber, ANKOM (%)	2053	1.6900	0.02000	1.7623	0.25661	0.12388	64	-0.28	2%	0
004.07	Fiber, ANKOM (%)	0849	1.6945	0.01100	1.7623	0.25661	0.12388	64	-0.26	2%	0
004.07	Fiber, ANKOM (%)	0066	1.6950	0.15000	1.7623	0.25661	0.12388	64	-0.26	2%	0
004.07	Fiber, ANKOM (%)	0968	1.7050	0.15000	1.7623	0.25661	0.12388	64	-0.22	2%	0
004.07	Fiber, ANKOM (%)	0009	1.7150	0.15000	1.7623	0.25661	0.12388	64	-0.18	1%	0
004.07	Fiber, ANKOM (%)	0529	1.7300	0.08000	1.7623	0.25661	0.12388	64	-0.13	1%	0
004.07	Fiber, ANKOM (%)	0034	1.7400	0.26000	1.7623	0.25661	0.12388	64	-0.09	1%	0
004.07	Fiber, ANKOM (%)	0190	1.7500	0.10000	1.7623	0.25661	0.12388	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0708	1.7500	0.10000	1.7623	0.25661	0.12388	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0956	1.7500	0.10000	1.7623	0.25661	0.12388	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0619	1.7675	0.08300	1.7623	0.25661	0.12388	64	0.02	0%	0
004.07	Fiber, ANKOM (%)	0083	1.7750	0.01000	1.7623	0.25661	0.12388	64	0.05	0%	0
004.07	Fiber, ANKOM (%)	0870	1.7798	0.03800	1.7623	0.25661	0.12388	64	0.07	0%	0
004.07	Fiber, ANKOM (%)	0100	1.7800	0.12000	1.7623	0.25661	0.12388	64	0.07	1%	0
004.07	Fiber, ANKOM (%)	0263	1.7899	0.00660	1.7623	0.25661	0.12388	64	0.11	1%	0
004.07	Fiber, ANKOM (%)	0033	1.7950	0.45000	1.7623	0.25661	0.12388	64	0.13	1%	0
004.07	Fiber, ANKOM (%)	0948	1.7950	0.05000	1.7623	0.25661	0.12388	64	0.13	1%	0
004.07	Fiber, ANKOM (%)	0581	1.8000	0.20000	1.7623	0.25661	0.12388	64	0.15	1%	0
004.07	Fiber, ANKOM (%)	2075	1.8000	0.00000	1.7623	0.25661	0.12388	64	0.15	1%	0
004.07	Fiber, ANKOM (%)	0019	1.8400	0.42000	1.7623	0.25661	0.12388	64	0.30	2%	0
004.07	Fiber, ANKOM (%)	0861	1.8400	0.10000	1.7623	0.25661	0.12388	64	0.30	2%	0
004.07	Fiber, ANKOM (%)	0598	1.8450	0.11000	1.7623	0.25661	0.12388	64	0.32	2%	0
004.07	Fiber, ANKOM (%)	0098	1.8500	0.08000	1.7623	0.25661	0.12388	64	0.34	2%	0
004.07	Fiber, ANKOM (%)	0692	1.8500	0.30000	1.7623	0.25661	0.12388	64	0.34	2%	0
004.07	Fiber, ANKOM (%)	0297	1.8600	0.18000	1.7623	0.25661	0.12388	64	0.38	3%	0
004.07	Fiber, ANKOM (%)	0003	1.8700	0.24000	1.7623	0.25661	0.12388	64	0.42	3%	0
004.07	Fiber, ANKOM (%)	0682	1.9000	0.00000	1.7623	0.25661	0.12388	64	0.54	4%	0
004.07	Fiber, ANKOM (%)	0354	1.9050	0.13000	1.7623	0.25661	0.12388	64	0.56	4%	0
004.07	Fiber, ANKOM (%)	0300	1.9250	0.05000	1.7623	0.25661	0.12388	64	0.63	5%	0
004.07	Fiber, ANKOM (%)	0553	1.9250	0.19000	1.7623	0.25661	0.12388	64	0.63	5%	0
004.07	Fiber, ANKOM (%)	0028	1.9500	0.10000	1.7623	0.25661	0.12388	64	0.73	5%	0
004.07	Fiber, ANKOM (%)	0520	1.9500	0.10000	1.7623	0.25661	0.12388	64	0.73	5%	0
004.07	Fiber, ANKOM (%)	2109	1.9550	0.09000	1.7623	0.25661	0.12388	64	0.75	5%	0
004.07	Fiber, ANKOM (%)	0074	1.9950	0.05000	1.7623	0.25661	0.12388	64	0.91	7%	0
004.07	Fiber, ANKOM (%)	0004	2.0200	0.22000	1.7623	0.25661	0.12388	64	1.00	7%	0
004.07	Fiber, ANKOM (%)	0563	2.0266	0.06940	1.7623	0.25661	0.12388	64	1.03	7%	0
004.07	Fiber, ANKOM (%)	0955	2.0500	0.14000	1.7623	0.25661	0.12388	64	1.12	8%	0
004.07	Fiber, ANKOM (%)	0644	2.1305	0.29900	1.7623	0.25661	0.12388	64	1.43	10%	0
004.07	Fiber, ANKOM (%)	0536	2.1950	0.05000	1.7623	0.25661	0.12388	64	1.69	12%	0
004.07	Fiber, ANKOM (%)	0848	2.2150	0.29000	1.7623	0.25661	0.12388	64	1.76	13%	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 (%)	0876	2.3050	0.25000	1.7623	0.25661	0.12388	64	2.11	15%	0
004.07	Fiber, ANKOM (%)	0089	2.5200	0.00000	1.7623	0.25661	0.12388	64	2.95	21%	0
004.07	Fiber, ANKOM (%)	0505	2.8300	0.06000	1.7623	0.25661	0.12388	64	4.16	30%	0
004.07	Fiber, ANKOM (%)	0407	3.2656	0.10900	1.7623	0.25661	0.12388	64	5.86	43%	0
004.11	Fiber, NIR (%)	0889	9.9200	0.24000				1			0
004.99	Fiber, Miscellaneous (%)	0629	1.3000	0.00000				3			0
004.99	Fiber, Miscellaneous (%)	0610	1.6000	0.00000				3			0
004.99	Fiber, Miscellaneous (%)	0940	1.7900	0.30000				3			0
005.00	Ash, 2h @ 600°C (%)	0026	7.6500	0.10000	7.9602	0.11699	0.06423	90	-2.65	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.6600	0.30000	7.9602	0.11699	0.06423	90	-2.57	2%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.7000	0.20000	7.9602	0.11699	0.06423	90	-2.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.7550	0.03000	7.9602	0.11699	0.06423	90	-1.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.7650	0.09000	7.9602	0.11699	0.06423	90	-1.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.7700	0.04000	7.9602	0.11699	0.06423	90	-1.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.7900	0.14000	7.9602	0.11699	0.06423	90	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.8150	0.21000	7.9602	0.11699	0.06423	90	-1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	7.8175	0.01300	7.9602	0.11699	0.06423	90	-1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.8260	0.02080	7.9602	0.11699	0.06423	90	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.8295	0.03900	7.9602	0.11699	0.06423	90	-1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	7.8350	0.07000	7.9602	0.11699	0.06423	90	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.8350	0.01000	7.9602	0.11699	0.06423	90	-1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.8400	0.10000	7.9602	0.11699	0.06423	90	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.8400	0.04000	7.9602	0.11699	0.06423	90	-1.03	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.8450	0.01000	7.9602	0.11699	0.06423	90	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	7.8550	0.03000	7.9602	0.11699	0.06423	90	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0511	7.8550	0.01000	7.9602	0.11699	0.06423	90	-0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	7.8650	0.03000	7.9602	0.11699	0.06423	90	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.8677	0.04520	7.9602	0.11699	0.06423	90	-0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.8700	0.06000	7.9602	0.11699	0.06423	90	-0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.8746	0.04280	7.9602	0.11699	0.06423	90	-0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.8800	0.02000	7.9602	0.11699	0.06423	90	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.8843	0.00010	7.9602	0.11699	0.06423	90	-0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	7.8850	0.05000	7.9602	0.11699	0.06423	90	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.8850	0.07000	7.9602	0.11699	0.06423	90	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	7.8850	0.03000	7.9602	0.11699	0.06423	90	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.8939	0.07050	7.9602	0.11699	0.06423	90	-0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.9000	0.06000	7.9602	0.11699	0.06423	90	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.9000	0.02000	7.9602	0.11699	0.06423	90	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.9000	0.00000	7.9602	0.11699	0.06423	90	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.9100	0.04200	7.9602	0.11699	0.06423	90	-0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.9200	0.08000	7.9602	0.11699	0.06423	90	-0.34	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0682	7.9200	0.00000	7.9602	0.11699	0.06423	90	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0194	7.9300	0.02000	7.9602	0.11699	0.06423	90	-0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0881	7.9345	0.04900	7.9602	0.11699	0.06423	90	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.9350	0.01000	7.9602	0.11699	0.06423	90	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	7.9400	0.06000	7.9602	0.11699	0.06423	90	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	7.9400	0.02000	7.9602	0.11699	0.06423	90	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	7.9400	0.06000	7.9602	0.11699	0.06423	90	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	7.9410	0.02600	7.9602	0.11699	0.06423	90	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.9450	0.03000	7.9602	0.11699	0.06423	90	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.9500	0.14000	7.9602	0.11699	0.06423	90	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.9500	0.22000	7.9602	0.11699	0.06423	90	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.9600	0.02000	7.9602	0.11699	0.06423	90	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.9700	0.02000	7.9602	0.11699	0.06423	90	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.9750	0.01000	7.9602	0.11699	0.06423	90	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.9755	0.06810	7.9602	0.11699	0.06423	90	0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.9780	0.02080	7.9602	0.11699	0.06423	90	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.9800	0.00000	7.9602	0.11699	0.06423	90	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.9800	0.00000	7.9602	0.11699	0.06423	90	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	7.9800	0.02000	7.9602	0.11699	0.06423	90	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.9800	0.20000	7.9602	0.11699	0.06423	90	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.9850	0.07000	7.9602	0.11699	0.06423	90	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	7.9850	0.01000	7.9602	0.11699	0.06423	90	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0630	8.0000	0.04000	7.9602	0.11699	0.06423	90	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.0020	0.02800	7.9602	0.11699	0.06423	90	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	8.0050	0.03000	7.9602	0.11699	0.06423	90	0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.0100	0.02000	7.9602	0.11699	0.06423	90	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	8.0100	0.02000	7.9602	0.11699	0.06423	90	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.0141	0.01230	7.9602	0.11699	0.06423	90	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.0150	0.07000	7.9602	0.11699	0.06423	90	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	8.0200	0.02000	7.9602	0.11699	0.06423	90	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.0250	0.05000	7.9602	0.11699	0.06423	90	0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.0325	0.00900	7.9602	0.11699	0.06423	90	0.62	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.0350	0.17000	7.9602	0.11699	0.06423	90	0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.0400	0.06000	7.9602	0.11699	0.06423	90	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.0450	0.07000	7.9602	0.11699	0.06423	90	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.0500	0.10000	7.9602	0.11699	0.06423	90	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	8.0500	0.10000	7.9602	0.11699	0.06423	90	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.0500	0.10000	7.9602	0.11699	0.06423	90	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	8.0550	0.21000	7.9602	0.11699	0.06423	90	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	8.0550	0.09000	7.9602	0.11699	0.06423	90	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	8.0650	0.01000	7.9602	0.11699	0.06423	90	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 (%)	0164	8.0700	0.04000	7.9602	0.11699	0.06423	90	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.0700	0.22000	7.9602	0.11699	0.06423	90	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0620	8.0705	0.00370	7.9602	0.11699	0.06423	90	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.0750	0.05000	7.9602	0.11699	0.06423	90	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.0750	0.05000	7.9602	0.11699	0.06423	90	0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.0950	0.03000	7.9602	0.11699	0.06423	90	1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.1000	0.00000	7.9602	0.11699	0.06423	90	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.1200	0.04000	7.9602	0.11699	0.06423	90	1.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.1250	0.27000	7.9602	0.11699	0.06423	90	1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	8.1400	0.10000	7.9602	0.11699	0.06423	90	1.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.1800	0.00000	7.9602	0.11699	0.06423	90	1.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.2050	0.01000	7.9602	0.11699	0.06423	90	2.09	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.2400	0.04000	7.9602	0.11699	0.06423	90	2.39	2%	0
005.00	Ash, 2h @ 600°C (%)	0045	8.2450	0.27000	7.9602	0.11699	0.06423	90	2.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.2900	0.30000	7.9602	0.11699	0.06423	90	2.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.3000	0.00000	7.9602	0.11699	0.06423	90	2.91	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.5500	0.90000	7.9602	0.11699	0.06423	90	-3.51	3%	1
005.00	Ash, 2h @ 600°C (%)	0874	9.8500	0.10000	7.9602	0.11699	0.06423	90	16.15	12%	2
005.02	Ash, LECO (%)	0644	8.2900	0.10000				2			0
005.02	Ash, LECO (%)	2075	8.3450	0.63000				2			0
005.04	Ash, Acid insoluble (%)	0683	0.20000	0.02000				1			0
005.05	Ash, 3h @ 550°C (%)	0726	7.8650	0.03000	8.1051	0.10445	0.02714	34	-2.30	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.9495	0.01900	8.1051	0.10445	0.02714	34	-1.49	1%	0
005.05	Ash, 3h @ 550°C (%)	0878	7.9500	0.08000	8.1051	0.10445	0.02714	34	-1.48	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	7.9700	0.02000	8.1051	0.10445	0.02714	34	-1.29	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.9950	0.05000	8.1051	0.10445	0.02714	34	-1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	2093	7.9950	0.01000	8.1051	0.10445	0.02714	34	-1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.0050	0.13000	8.1051	0.10445	0.02714	34	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.0299	0.00660	8.1051	0.10445	0.02714	34	-0.72	0%	0
005.05	Ash, 3h @ 550°C (%)	0940	8.0300	0.06000	8.1051	0.10445	0.02714	34	-0.72	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	8.0500	0.00000	8.1051	0.10445	0.02714	34	-0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	8.0550	0.01000	8.1051	0.10445	0.02714	34	-0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.0550	0.01000	8.1051	0.10445	0.02714	34	-0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.0800	0.04000	8.1051	0.10445	0.02714	34	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.0850	0.01000	8.1051	0.10445	0.02714	34	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	8.0879	0.02050	8.1051	0.10445	0.02714	34	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	8.0900	0.00000	8.1051	0.10445	0.02714	34	-0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	8.1000	0.00000	8.1051	0.10445	0.02714	34	-0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	8.1300	0.00000	8.1051	0.10445	0.02714	34	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.1350	0.01000	8.1051	0.10445	0.02714	34	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	8.1350	0.01000	8.1051	0.10445	0.02714	34	0.29	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 (%)	0897	8.1450	0.01000	8.1051	0.10445	0.02714	34	0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	8.1500	0.00000	8.1051	0.10445	0.02714	34	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.1550	0.01000	8.1051	0.10445	0.02714	34	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0955	8.1550	0.03000	8.1051	0.10445	0.02714	34	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	2152	8.1600	0.02000	8.1051	0.10445	0.02714	34	0.53	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.1650	0.01000	8.1051	0.10445	0.02714	34	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	8.1800	0.02000	8.1051	0.10445	0.02714	34	0.72	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.1800	0.00000	8.1051	0.10445	0.02714	34	0.72	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.1832	0.02080	8.1051	0.10445	0.02714	34	0.75	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.2300	0.04000	8.1051	0.10445	0.02714	34	1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.2300	0.12000	8.1051	0.10445	0.02714	34	1.20	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	8.2410	0.00600	8.1051	0.10445	0.02714	34	1.30	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.2750	0.01000	8.1051	0.10445	0.02714	34	1.63	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.3050	0.11000	8.1051	0.10445	0.02714	34	1.91	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.1000	0.20000	8.1051	0.10445	0.02714	34	-0.05	0%	1
005.11	Ash, NIR (%)	0889	6.3550	0.99000				2			0
005.11	Ash, NIR (%)	0297	8.8100	0.46000				2			0
005.99	Ash, Miscellaneous (%)	0574	7.9050	0.05000	8.0953	0.13157	0.07444	9	-1.45	1%	0
005.99	Ash, Miscellaneous (%)	0546	7.9750	0.03000	8.0953	0.13157	0.07444	9	-0.91	1%	0
005.99	Ash, Miscellaneous (%)	0728	8.0400	0.18000	8.0953	0.13157	0.07444	9	-0.42	0%	0
005.99	Ash, Miscellaneous (%)	0202	8.0750	0.01000	8.0953	0.13157	0.07444	9	-0.15	0%	0
005.99	Ash, Miscellaneous (%)	2004	8.1000	0.08000	8.0953	0.13157	0.07444	9	0.04	0%	0
005.99	Ash, Miscellaneous (%)	0629	8.1200	0.02000	8.0953	0.13157	0.07444	9	0.19	0%	0
005.99	Ash, Miscellaneous (%)	0910	8.1500	0.30000	8.0953	0.13157	0.07444	9	0.42	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.2000	0.00000	8.0953	0.13157	0.07444	9	0.80	1%	0
005.99	Ash, Miscellaneous (%)	0676	8.4100	0.00000	8.0953	0.13157	0.07444	9	2.39	2%	0
005.99	Ash, Miscellaneous (%)	0536	25.440	0.20000	8.0953	0.13157	0.07444	9	131.83	107%	2
006.00	Total sugars, As sucrose (%)	0910	19.150	0.68000				2			0
006.00	Total sugars, As sucrose (%)	0921	19.480	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	23.685	0.21300				1			0
006.99	Total sugars, Miscellaneous (%)	0956	19.150	0.70000				1			0
008.02	Fiber, Acid Detergent (%)	0676	1.9300	0.04000	2.7000	0.39936	0.17037	15	-1.93	14%	0
008.02	Fiber, Acid Detergent (%)	0590	2.2000	0.00000	2.7000	0.39936	0.17037	15	-1.25	9%	0
008.02	Fiber, Acid Detergent (%)	0098	2.3900	0.36000	2.7000	0.39936	0.17037	15	-0.78	6%	0
008.02	Fiber, Acid Detergent (%)	0948	2.4100	0.00000	2.7000	0.39936	0.17037	15	-0.73	5%	0
008.02	Fiber, Acid Detergent (%)	0345	2.5250	0.15000	2.7000	0.39936	0.17037	15	-0.44	3%	0
008.02	Fiber, Acid Detergent (%)	0309	2.6215	0.03550	2.7000	0.39936	0.17037	15	-0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0504	2.6700	0.36000	2.7000	0.39936	0.17037	15	-0.08	1%	0
008.02	Fiber, Acid Detergent (%)	0208	2.7300	0.40000	2.7000	0.39936	0.17037	15	0.08	1%	0
008.02	Fiber, Acid Detergent (%)	0226	2.7500	0.50000	2.7000	0.39936	0.17037	15	0.13	1%	0
008.02	Fiber, Acid Detergent (%)	0148	2.7700	0.02000	2.7000	0.39936	0.17037	15	0.18	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	
008.02	Fiber, Acid Detergent (%)	0675	2.7800	0.04000	2.7000	0.39936	0.17037	15	0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0939	2.8700	0.18000	2.7000	0.39936	0.17037	15	0.43	3%	0
008.02	Fiber, Acid Detergent (%)	0353	3.0850	0.31000	2.7000	0.39936	0.17037	15	0.96	7%	0
008.02	Fiber, Acid Detergent (%)	0187	4.0700	0.02000	2.7000	0.39936	0.17037	15	3.43	25%	0
008.02	Fiber, Acid Detergent (%)	0728	5.3300	0.14000	2.7000	0.39936	0.17037	15	6.59	49%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	3.0000	0.40000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	1.6300	0.06000	2.6515	0.46416	0.21107	42	-2.20	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	1.9550	0.15000	2.6515	0.46416	0.21107	42	-1.50	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	1.9765	0.74100	2.6515	0.46416	0.21107	42	-1.45	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	2.1950	0.07000	2.6515	0.46416	0.21107	42	-0.98	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	2.2450	0.09000	2.6515	0.46416	0.21107	42	-0.88	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	2.2700	0.18000	2.6515	0.46416	0.21107	42	-0.82	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	2.3050	0.07000	2.6515	0.46416	0.21107	42	-0.75	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	2.3120	0.22800	2.6515	0.46416	0.21107	42	-0.73	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	2.3250	0.61000	2.6515	0.46416	0.21107	42	-0.70	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	2.3450	0.05000	2.6515	0.46416	0.21107	42	-0.66	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	2.3800	0.22000	2.6515	0.46416	0.21107	42	-0.58	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	2.3950	0.09000	2.6515	0.46416	0.21107	42	-0.55	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	2.4000	0.20000	2.6515	0.46416	0.21107	42	-0.54	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	2.4300	0.18000	2.6515	0.46416	0.21107	42	-0.48	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	2.4350	0.25000	2.6515	0.46416	0.21107	42	-0.47	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	2.4400	0.08000	2.6515	0.46416	0.21107	42	-0.46	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	2.4400	0.06000	2.6515	0.46416	0.21107	42	-0.46	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	2.4450	0.23000	2.6515	0.46416	0.21107	42	-0.44	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	2.4500	0.10000	2.6515	0.46416	0.21107	42	-0.43	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	2.4500	0.30000	2.6515	0.46416	0.21107	42	-0.43	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	2.4800	0.38000	2.6515	0.46416	0.21107	42	-0.37	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	2.5500	0.10000	2.6515	0.46416	0.21107	42	-0.22	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	2.6150	0.71000	2.6515	0.46416	0.21107	42	-0.08	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	2.6269	0.22270	2.6515	0.46416	0.21107	42	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	2.6750	0.27000	2.6515	0.46416	0.21107	42	0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	2.6850	0.07000	2.6515	0.46416	0.21107	42	0.07	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	2.7100	0.08000	2.6515	0.46416	0.21107	42	0.13	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	2.8095	0.10740	2.6515	0.46416	0.21107	42	0.34	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	2.8450	0.21000	2.6515	0.46416	0.21107	42	0.42	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	2.8700	0.10000	2.6515	0.46416	0.21107	42	0.47	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	2.9550	0.11000	2.6515	0.46416	0.21107	42	0.65	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	3.0000	0.00000	2.6515	0.46416	0.21107	42	0.75	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	3.0430	0.15200	2.6515	0.46416	0.21107	42	0.84	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	3.0649	0.23660	2.6515	0.46416	0.21107	42	0.89	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	3.0650	0.13000	2.6515	0.46416	0.21107	42	0.89	8%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	3.2500	0.10000	2.6515	0.46416	0.21107	42	1.29	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	3.2787	0.00720	2.6515	0.46416	0.21107	42	1.35	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	3.3000	0.40000	2.6515	0.46416	0.21107	42	1.40	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	3.4500	0.10000	2.6515	0.46416	0.21107	42	1.72	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	3.5000	0.54000	2.6515	0.46416	0.21107	42	1.83	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	4.0600	0.36000	2.6515	0.46416	0.21107	42	3.03	27%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0169	4.3100	0.52000	2.6515	0.46416	0.21107	42	3.57	31%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	9.4500	0.04000	2.6515	0.46416	0.21107	42	14.65	128%	2
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	2.4000	0.20000				2			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	4.0750	0.55000				2			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	5.7350	0.01000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	5.1050	0.13000	6.8787	1.4966	0.47089	12	-1.19	13%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	5.1200	0.16000	6.8787	1.4966	0.47089	12	-1.18	13%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	5.5550	0.35000	6.8787	1.4966	0.47089	12	-0.88	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	6.0500	0.30000	6.8787	1.4966	0.47089	12	-0.55	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	6.3950	0.23000	6.8787	1.4966	0.47089	12	-0.32	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	6.4500	0.10000	6.8787	1.4966	0.47089	12	-0.29	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	7.1650	1.0300	6.8787	1.4966	0.47089	12	0.19	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	7.3500	0.10000	6.8787	1.4966	0.47089	12	0.31	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	7.5500	0.50000	6.8787	1.4966	0.47089	12	0.45	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	8.0947	0.17070	6.8787	1.4966	0.47089	12	0.81	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	8.7600	1.2800	6.8787	1.4966	0.47089	12	1.26	14%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	8.9500	1.3000	6.8787	1.4966	0.47089	12	1.38	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	4.6600	0.40000	5.7475	0.71159	0.20458	41	-1.53	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	4.6900	0.00000	5.7475	0.71159	0.20458	41	-1.49	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	4.8000	0.20000	5.7475	0.71159	0.20458	41	-1.33	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	4.8650	0.03000	5.7475	0.71159	0.20458	41	-1.24	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	5.0150	0.11000	5.7475	0.71159	0.20458	41	-1.03	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	5.1000	0.00000	5.7475	0.71159	0.20458	41	-0.91	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	5.1000	0.20000	5.7475	0.71159	0.20458	41	-0.91	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	5.1050	0.37000	5.7475	0.71159	0.20458	41	-0.90	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	5.2450	0.13000	5.7475	0.71159	0.20458	41	-0.71	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	5.3000	0.00000	5.7475	0.71159	0.20458	41	-0.63	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	5.3350	0.09000	5.7475	0.71159	0.20458	41	-0.58	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	5.3650	0.01000	5.7475	0.71159	0.20458	41	-0.54	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	5.4005	0.11360	5.7475	0.71159	0.20458	41	-0.49	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	5.4107	0.07250	5.7475	0.71159	0.20458	41	-0.47	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	5.4450	0.11000	5.7475	0.71159	0.20458	41	-0.43	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	5.5215	0.05700	5.7475	0.71159	0.20458	41	-0.32	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	5.5305	0.58100	5.7475	0.71159	0.20458	41	-0.30	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	5.5900	0.08670	5.7475	0.71159	0.20458	41	-0.22	1%	0

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009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	5.6250	0.31000	5.7475	0.71159	0.20458	41	-0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	5.6900	0.24000	5.7475	0.71159	0.20458	41	-0.08	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	5.6950	0.03600	5.7475	0.71159	0.20458	41	-0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	5.7000	0.20000	5.7475	0.71159	0.20458	41	-0.07	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	5.7300	0.02000	5.7475	0.71159	0.20458	41	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	5.7300	0.26000	5.7475	0.71159	0.20458	41	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	5.7500	0.30000	5.7475	0.71159	0.20458	41	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	5.7800	0.08000	5.7475	0.71159	0.20458	41	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	5.8150	0.17000	5.7475	0.71159	0.20458	41	0.09	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	6.0400	0.16000	5.7475	0.71159	0.20458	41	0.41	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2022	6.0650	0.01000	5.7475	0.71159	0.20458	41	0.45	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	6.1000	0.40000	5.7475	0.71159	0.20458	41	0.50	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	6.1500	0.70000	5.7475	0.71159	0.20458	41	0.57	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	6.2650	0.25000	5.7475	0.71159	0.20458	41	0.73	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	6.3000	0.20000	5.7475	0.71159	0.20458	41	0.78	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	6.3250	0.59000	5.7475	0.71159	0.20458	41	0.81	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	6.5000	0.80000	5.7475	0.71159	0.20458	41	1.06	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0169	6.9250	0.13000	5.7475	0.71159	0.20458	41	1.65	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	7.8150	0.15000	5.7475	0.71159	0.20458	41	2.91	18%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	8.3700	0.18000	5.7475	0.71159	0.20458	41	3.69	23%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	9.1700	0.02000	5.7475	0.71159	0.20458	41	4.81	30%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	9.7700	0.52000	5.7475	0.71159	0.20458	41	5.65	35%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	11.899	0.10100	5.7475	0.71159	0.20458	41	8.64	54%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	10.030	1.2400	5.7475	0.71159	0.20458	41	6.02	37%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	7.0450	0.55000				2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	10.210	0.82000				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.6250	0.13000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.8100	0.06000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	8.9400	0.42000				3			0
010.11	Moisture, NIR (%)	0889	9.2700	0.08000				1			0
010.99	Moisture, Miscellaneous (%)	0546	7.8100	0.04000	9.2708	0.81591	0.10400	15	-1.79	8%	0
010.99	Moisture, Miscellaneous (%)	0952	8.5000	0.02000	9.2708	0.81591	0.10400	15	-0.94	4%	0
010.99	Moisture, Miscellaneous (%)	0917	8.6500	0.10000	9.2708	0.81591	0.10400	15	-0.76	3%	0
010.99	Moisture, Miscellaneous (%)	0948	8.6500	0.10000	9.2708	0.81591	0.10400	15	-0.76	3%	0
010.99	Moisture, Miscellaneous (%)	2089	8.6850	0.05000	9.2708	0.81591	0.10400	15	-0.72	3%	0
010.99	Moisture, Miscellaneous (%)	2150	8.8300	0.40000	9.2708	0.81591	0.10400	15	-0.54	2%	0
010.99	Moisture, Miscellaneous (%)	0939	8.9800	0.04000	9.2708	0.81591	0.10400	15	-0.36	2%	0
010.99	Moisture, Miscellaneous (%)	0692	9.3500	0.24000	9.2708	0.81591	0.10400	15	0.10	0%	0
010.99	Moisture, Miscellaneous (%)	0405	9.5750	0.01000	9.2708	0.81591	0.10400	15	0.37	2%	0
010.99	Moisture, Miscellaneous (%)	2129	9.6550	0.05000	9.2708	0.81591	0.10400	15	0.47	2%	0
010.99	Moisture, Miscellaneous (%)	0726	9.6650	0.13000	9.2708	0.81591	0.10400	15	0.48	2%	0

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010.99	Moisture, Miscellaneous (%)	2004	9.7000	0.06000	9.2708	0.81591	0.10400	15	0.53	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.8500	0.08000	9.2708	0.81591	0.10400	15	0.71	3%	0
010.99	Moisture, Miscellaneous (%)	2105	10.430	0.22000	9.2708	0.81591	0.10400	15	1.42	6%	0
010.99	Moisture, Miscellaneous (%)	2127	11.390	0.02000	9.2708	0.81591	0.10400	15	2.60	11%	0
010.99	Moisture, Miscellaneous (%)	0921	9.5950	0.77000	9.2708	0.81591	0.10400	15	0.40	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.0250	0.07000	11.296	0.67301	0.16307	67	-4.86	14%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.7650	0.09000	11.296	0.67301	0.16307	67	-3.76	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	9.7200	0.04000	11.296	0.67301	0.16307	67	-2.34	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	10.170	0.06000	11.296	0.67301	0.16307	67	-1.67	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	10.220	0.22000	11.296	0.67301	0.16307	67	-1.60	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	10.330	0.26000	11.296	0.67301	0.16307	67	-1.44	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	10.461	0.08880	11.296	0.67301	0.16307	67	-1.24	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	10.465	0.15000	11.296	0.67301	0.16307	67	-1.23	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.550	0.10000	11.296	0.67301	0.16307	67	-1.11	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	10.585	0.03000	11.296	0.67301	0.16307	67	-1.06	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	10.605	0.55000	11.296	0.67301	0.16307	67	-1.03	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.649	0.07300	11.296	0.67301	0.16307	67	-0.96	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.726	0.13030	11.296	0.67301	0.16307	67	-0.85	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	10.754	0.09900	11.296	0.67301	0.16307	67	-0.81	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.804	0.37020	11.296	0.67301	0.16307	67	-0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.815	0.09000	11.296	0.67301	0.16307	67	-0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.830	0.10000	11.296	0.67301	0.16307	67	-0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.875	0.05000	11.296	0.67301	0.16307	67	-0.63	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.945	0.37000	11.296	0.67301	0.16307	67	-0.52	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	10.955	0.09000	11.296	0.67301	0.16307	67	-0.51	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	11.023	0.07470	11.296	0.67301	0.16307	67	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	11.040	0.04000	11.296	0.67301	0.16307	67	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	11.050	0.10000	11.296	0.67301	0.16307	67	-0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	11.100	0.00000	11.296	0.67301	0.16307	67	-0.29	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	11.130	0.16000	11.296	0.67301	0.16307	67	-0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	11.160	0.02000	11.296	0.67301	0.16307	67	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	11.200	0.00000	11.296	0.67301	0.16307	67	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	11.201	0.17200	11.296	0.67301	0.16307	67	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	11.215	0.37000	11.296	0.67301	0.16307	67	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	11.220	0.00000	11.296	0.67301	0.16307	67	-0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	11.230	0.00000	11.296	0.67301	0.16307	67	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	11.250	0.50000	11.296	0.67301	0.16307	67	-0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	11.265	0.13000	11.296	0.67301	0.16307	67	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	11.300	0.20000	11.296	0.67301	0.16307	67	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	11.300	0.00000	11.296	0.67301	0.16307	67	0.01	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	11.340	0.02000	11.296	0.67301	0.16307	67	0.07	0%	0

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011.01	Loss on Drying, 135°C 2hr (%)	0620	11.375	0.30780	11.296	0.67301	0.16307	67	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	11.375	0.01000	11.296	0.67301	0.16307	67	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	11.375	0.03000	11.296	0.67301	0.16307	67	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	11.385	0.27000	11.296	0.67301	0.16307	67	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	11.418	0.24380	11.296	0.67301	0.16307	67	0.18	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	11.430	0.30000	11.296	0.67301	0.16307	67	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	11.465	0.03000	11.296	0.67301	0.16307	67	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	11.510	0.06000	11.296	0.67301	0.16307	67	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	11.511	0.02120	11.296	0.67301	0.16307	67	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	11.560	0.04000	11.296	0.67301	0.16307	67	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	11.600	0.00000	11.296	0.67301	0.16307	67	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	11.625	0.03000	11.296	0.67301	0.16307	67	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	11.625	0.01000	11.296	0.67301	0.16307	67	0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	11.685	0.17000	11.296	0.67301	0.16307	67	0.58	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	11.688	0.38200	11.296	0.67301	0.16307	67	0.58	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	11.710	0.12000	11.296	0.67301	0.16307	67	0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	11.715	0.13000	11.296	0.67301	0.16307	67	0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	11.785	0.03000	11.296	0.67301	0.16307	67	0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	11.785	0.07000	11.296	0.67301	0.16307	67	0.73	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	11.850	0.50000	11.296	0.67301	0.16307	67	0.82	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	11.940	0.18000	11.296	0.67301	0.16307	67	0.96	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	12.062	0.05300	11.296	0.67301	0.16307	67	1.14	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	12.115	0.17000	11.296	0.67301	0.16307	67	1.22	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	12.305	0.23000	11.296	0.67301	0.16307	67	1.50	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	12.410	0.98000	11.296	0.67301	0.16307	67	1.66	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	12.420	0.14000	11.296	0.67301	0.16307	67	1.67	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	12.520	0.24000	11.296	0.67301	0.16307	67	1.82	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	12.560	0.20000	11.296	0.67301	0.16307	67	1.88	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	12.730	0.56000	11.296	0.67301	0.16307	67	2.13	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	12.945	0.55000	11.296	0.67301	0.16307	67	2.45	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	13.435	0.05000	11.296	0.67301	0.16307	67	3.18	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.400	3.0000	11.296	0.67301	0.16307	67	-1.33	4%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	10.420	0.64000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	10.720	0.68000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	11.105	0.07000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.4900	0.04000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	10.070	0.10000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	10.650	0.10000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0164	18.050	0.50000	20.209	1.6360	0.17682	10	-1.32	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	19.150	0.10000	20.209	1.6360	0.17682	10	-0.65	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	19.435	0.23000	20.209	1.6360	0.17682	10	-0.47	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.00	Starch, Polarimetric (Ewers) (%)	0878	19.750	0.10000	20.209	1.6360	0.17682	10	-0.28	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	19.920	0.16000	20.209	1.6360	0.17682	10	-0.18	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	20.150	0.30000	20.209	1.6360	0.17682	10	-0.04	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	20.150	0.10000	20.209	1.6360	0.17682	10	-0.04	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	20.161	0.04820	20.209	1.6360	0.17682	10	-0.03	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	24.655	0.01000	20.209	1.6360	0.17682	10	2.72	11%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	24.780	0.22000	20.209	1.6360	0.17682	10	2.79	11%	0
012.01	Starch, Megazyme (%)	0918	14.296	0.46100	18.555	1.1943	0.31454	9	-3.57	11%	0
012.01	Starch, Megazyme (%)	0265	17.150	0.10000	18.555	1.1943	0.31454	9	-1.18	4%	0
012.01	Starch, Megazyme (%)	0956	17.900	0.20000	18.555	1.1943	0.31454	9	-0.55	2%	0
012.01	Starch, Megazyme (%)	0045	18.750	0.10000	18.555	1.1943	0.31454	9	0.16	1%	0
012.01	Starch, Megazyme (%)	0676	18.930	0.52000	18.555	1.1943	0.31454	9	0.31	1%	0
012.01	Starch, Megazyme (%)	2004	19.000	0.60000	18.555	1.1943	0.31454	9	0.37	1%	0
012.01	Starch, Megazyme (%)	0693	19.136	0.33220	18.555	1.1943	0.31454	9	0.49	2%	0
012.01	Starch, Megazyme (%)	0870	19.612	0.21770	18.555	1.1943	0.31454	9	0.89	3%	0
012.01	Starch, Megazyme (%)	0164	19.750	0.30000	18.555	1.1943	0.31454	9	1.00	3%	0
012.03	Starch, Enzymatic (%)	0885	16.446	0.28970	18.812	1.4390	0.20694	5	-1.64	6%	0
012.03	Starch, Enzymatic (%)	0098	18.900	0.60000	18.812	1.4390	0.20694	5	0.06	0%	0
012.03	Starch, Enzymatic (%)	0297	19.010	0.08000	18.812	1.4390	0.20694	5	0.14	1%	0
012.03	Starch, Enzymatic (%)	0407	19.363	0.06500	18.812	1.4390	0.20694	5	0.38	1%	0
012.03	Starch, Enzymatic (%)	0889	20.340	0.00000	18.812	1.4390	0.20694	5	1.06	4%	0
012.04	Starch, YSI Analyzer (%)	0510	13.000	0.20000	17.698	3.2588	0.22000	4	-1.44	13%	0
012.04	Starch, YSI Analyzer (%)	0278	18.550	0.50000	17.698	3.2588	0.22000	4	0.26	2%	0
012.04	Starch, YSI Analyzer (%)	0160	18.705	0.17000	17.698	3.2588	0.22000	4	0.31	3%	0
012.04	Starch, YSI Analyzer (%)	0948	20.535	0.01000	17.698	3.2588	0.22000	4	0.87	8%	0
012.11	Starch, NIR (%)	0297	19.640	0.84000				2			0
012.11	Starch, NIR (%)	0889	20.145	0.07000				2			0
013.00	Fat, Acid hydrolysis (%)	0083	7.1500	0.20000	7.9867	0.66671	0.09262	17	-1.26	5%	0
013.00	Fat, Acid hydrolysis (%)	2145	7.2450	0.03000	7.9867	0.66671	0.09262	17	-1.11	5%	0
013.00	Fat, Acid hydrolysis (%)	2057	7.3200	0.12000	7.9867	0.66671	0.09262	17	-1.00	4%	0
013.00	Fat, Acid hydrolysis (%)	0297	7.3600	0.06000	7.9867	0.66671	0.09262	17	-0.94	4%	0
013.00	Fat, Acid hydrolysis (%)	0541	7.4350	0.03000	7.9867	0.66671	0.09262	17	-0.83	3%	0
013.00	Fat, Acid hydrolysis (%)	0948	7.7550	0.07000	7.9867	0.66671	0.09262	17	-0.35	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	7.8000	0.00000	7.9867	0.66671	0.09262	17	-0.28	1%	0
013.00	Fat, Acid hydrolysis (%)	0689	7.8000	0.20000	7.9867	0.66671	0.09262	17	-0.28	1%	0
013.00	Fat, Acid hydrolysis (%)	0098	7.8600	0.10000	7.9867	0.66671	0.09262	17	-0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	8.0450	0.11000	7.9867	0.66671	0.09262	17	0.09	0%	0
013.00	Fat, Acid hydrolysis (%)	0504	8.0950	0.13000	7.9867	0.66671	0.09262	17	0.16	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	8.2500	0.10000	7.9867	0.66671	0.09262	17	0.39	2%	0
013.00	Fat, Acid hydrolysis (%)	0139	8.5200	0.08000	7.9867	0.66671	0.09262	17	0.80	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	8.5903	0.23580	7.9867	0.66671	0.09262	17	0.91	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	
013.00	Fat, Acid hydrolysis (%)	0229	8.7400	0.04000	7.9867	0.66671	0.09262	17	1.13	5%	0
013.00	Fat, Acid hydrolysis (%)	0618	8.8224	0.06880	7.9867	0.66671	0.09262	17	1.25	5%	0
013.00	Fat, Acid hydrolysis (%)	0202	9.2500	0.00000	7.9867	0.66671	0.09262	17	1.89	8%	0
013.00	Fat, Acid hydrolysis (%)	0615	9.4600	0.52000	7.9867	0.66671	0.09262	17	2.21	9%	1
013.02	Fat, Mojonnier, Bak Ext (%)	2073	7.1600	0.02000	8.6009	0.62276	0.19724	17	-2.31	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	7.5050	0.29000	8.6009	0.62276	0.19724	17	-1.76	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	7.8700	0.00000	8.6009	0.62276	0.19724	17	-1.17	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	8.1900	0.84000	8.6009	0.62276	0.19724	17	-0.66	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	8.2600	0.16000	8.6009	0.62276	0.19724	17	-0.55	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	8.3850	0.57000	8.6009	0.62276	0.19724	17	-0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	8.5100	0.00000	8.6009	0.62276	0.19724	17	-0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	8.6465	0.08310	8.6009	0.62276	0.19724	17	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	8.6950	0.03000	8.6009	0.62276	0.19724	17	0.15	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	8.7050	0.03000	8.6009	0.62276	0.19724	17	0.17	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	8.7150	0.23000	8.6009	0.62276	0.19724	17	0.18	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	8.7750	0.01000	8.6009	0.62276	0.19724	17	0.28	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	8.9500	0.20000	8.6009	0.62276	0.19724	17	0.56	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	9.1200	0.08000	8.6009	0.62276	0.19724	17	0.83	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	9.2350	0.49000	8.6009	0.62276	0.19724	17	1.02	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	9.2900	0.32000	8.6009	0.62276	0.19724	17	1.11	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	9.6000	0.00000	8.6009	0.62276	0.19724	17	1.60	6%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0047	6.8800	0.02000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	7.3340	0.01080	7.8073	0.39920	0.23520	4	-1.19	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	7.7000	0.20000	7.8073	0.39920	0.23520	4	-0.27	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	7.9050	0.51000	7.8073	0.39920	0.23520	4	0.24	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	8.2900	0.22000	7.8073	0.39920	0.23520	4	1.21	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	6.5510	0.03800	7.5352	0.65982	0.19760	5	-1.49	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	7.2300	0.16000	7.5352	0.65982	0.19760	5	-0.46	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	7.6800	0.10000	7.5352	0.65982	0.19760	5	0.22	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	8.0650	0.39000	7.5352	0.65982	0.19760	5	0.80	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	8.1500	0.30000	7.5352	0.65982	0.19760	5	0.93	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	7.9450	1.5700	7.5352	0.65982	0.19760	5	0.62	3%	1
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	175.46	11.180	265.24	118.83	12.545	4	-0.76	17%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	209.50	3.0000	265.24	118.83	12.545	4	-0.47	11%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	236.50	5.0000	265.24	118.83	12.545	4	-0.24	5%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	439.50	31.000	265.24	118.83	12.545	4	1.47	33%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	182.20	7.4000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	139.61	2.2270	185.21	37.247	6.6654	5	-1.22	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	160.50	11.000	185.21	37.247	6.6654	5	-0.66	7%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	185.50	3.0000	185.21	37.247	6.6654	5	0.01	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	205.95	6.1000	185.21	37.247	6.6654	5	0.56	6%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	234.50	11.000	185.21	37.247	6.6654	5	1.32	13%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	185.21	37.247	6.6654	5			4
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	95.500	13.000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	216.50	3.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	11.130	0.04000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	12.150	1.7600				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	12.325	0.37000				3			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.965	0.31000	11.941	0.90245	0.60458	5	-1.02	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	11.650	2.3000	11.941	0.90245	0.60458	5	-0.35	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	11.695	0.18290	11.941	0.90245	0.60458	5	-0.31	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	11.985	0.01000	11.941	0.90245	0.60458	5	-0.03	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.410	0.22000	11.941	0.90245	0.60458	5	1.36	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	6.0000	0.00000	10.714	2.6532	0.66400	5	-20.29	25%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	11.500	3.0000	10.714	2.6532	0.66400	5	-1.76	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	11.770	0.12000	10.714	2.6532	0.66400	5	-0.85	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	11.950	0.10000	10.714	2.6532	0.66400	5	-0.25	0%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	12.350	0.10000	10.714	2.6532	0.66400	5	1.10	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	0.96000	0.00000	1.0512	0.04347	0.02749	18	-2.10	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0106	0.00010	1.0512	0.04347	0.02749	18	-0.94	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.0150	0.01000	1.0512	0.04347	0.02749	18	-0.83	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.0248	0.10070	1.0512	0.04347	0.02749	18	-0.61	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.0250	0.01000	1.0512	0.04347	0.02749	18	-0.60	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	1.0250	0.01000	1.0512	0.04347	0.02749	18	-0.60	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.0300	0.00000	1.0512	0.04347	0.02749	18	-0.49	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.0305	0.00100	1.0512	0.04347	0.02749	18	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.0365	0.07300	1.0512	0.04347	0.02749	18	-0.34	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.0400	0.12000	1.0512	0.04347	0.02749	18	-0.26	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.0450	0.03000	1.0512	0.04347	0.02749	18	-0.14	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.0650	0.01000	1.0512	0.04347	0.02749	18	0.32	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.0805	0.00500	1.0512	0.04347	0.02749	18	0.67	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.0815	0.01500	1.0512	0.04347	0.02749	18	0.70	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.1000	0.00000	1.0512	0.04347	0.02749	18	1.12	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.1000	0.02000	1.0512	0.04347	0.02749	18	1.12	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.1100	0.02000	1.0512	0.04347	0.02749	18	1.35	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.1250	0.07000	1.0512	0.04347	0.02749	18	1.70	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	0.40025	0.01490	1.0512	0.04347	0.02749	18	-14.98	31%	2
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1512	0.01450				1			0
019.08	Calcium, EDTA (%)	0849	1.0650	0.01000	1.1416	0.08745	0.03383	7	-0.88	3%	0
019.08	Calcium, EDTA (%)	2009	1.0767	0.01090	1.1416	0.08745	0.03383	7	-0.74	3%	0
019.08	Calcium, EDTA (%)	0940	1.0800	0.08000	1.1416	0.08745	0.03383	7	-0.70	3%	0
019.08	Calcium, EDTA (%)	0885	1.1049	0.00590	1.1416	0.08745	0.03383	7	-0.42	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	
019.08	Calcium, EDTA (%)	0629	1.2050	0.01000	1.1416	0.08745	0.03383	7	0.72	3%	0
019.08	Calcium, EDTA (%)	0689	1.2100	0.06000	1.1416	0.08745	0.03383	7	0.78	3%	0
019.08	Calcium, EDTA (%)	0590	1.2500	0.06000	1.1416	0.08745	0.03383	7	1.24	5%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.0560	0.02000				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	0.86500	0.01000	1.0565	0.05913	0.02484	22	-3.24	9%	0
019.31	Calcium, AAS, Dry ash (%)	0152	0.96500	0.03000	1.0565	0.05913	0.02484	22	-1.55	4%	0
019.31	Calcium, AAS, Dry ash (%)	0175	0.99000	0.02000	1.0565	0.05913	0.02484	22	-1.12	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	0.99250	0.01300	1.0565	0.05913	0.02484	22	-1.08	3%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.0050	0.05000	1.0565	0.05913	0.02484	22	-0.87	2%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.0200	0.05370	1.0565	0.05913	0.02484	22	-0.62	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.0220	0.01400	1.0565	0.05913	0.02484	22	-0.58	2%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0292	0.02190	1.0565	0.05913	0.02484	22	-0.46	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.0354	0.07330	1.0565	0.05913	0.02484	22	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.0650	0.01000	1.0565	0.05913	0.02484	22	0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.0660	0.00000	1.0565	0.05913	0.02484	22	0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.0700	0.04000	1.0565	0.05913	0.02484	22	0.23	1%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.0791	0.00560	1.0565	0.05913	0.02484	22	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.0800	0.00000	1.0565	0.05913	0.02484	22	0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.0800	0.00000	1.0565	0.05913	0.02484	22	0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.0810	0.00600	1.0565	0.05913	0.02484	22	0.41	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.0850	0.01000	1.0565	0.05913	0.02484	22	0.48	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.0975	0.02900	1.0565	0.05913	0.02484	22	0.69	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.1100	0.08000	1.0565	0.05913	0.02484	22	0.90	3%	0
019.31	Calcium, AAS, Dry ash (%)	2068	1.1100	0.00000	1.0565	0.05913	0.02484	22	0.90	3%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.1450	0.05000	1.0565	0.05913	0.02484	22	1.50	4%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.1850	0.03000	1.0565	0.05913	0.02484	22	2.17	6%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.2450	0.17000	1.0565	0.05913	0.02484	22	3.19	9%	1
019.31	Calcium, AAS, Dry ash (%)	0536	5.5500	0.14000	1.0565	0.05913	0.02484	22	75.99	213%	2
019.32	Calcium, AAS, Open vessel (%)	0263	1.0467	0.00130	1.1264	0.05070	0.01246	5	-1.57	4%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.1090	0.01000	1.1264	0.05070	0.01246	5	-0.34	1%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.1415	0.02100	1.1264	0.05070	0.01246	5	0.30	1%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.1650	0.01000	1.1264	0.05070	0.01246	5	0.76	2%	0
019.32	Calcium, AAS, Open vessel (%)	0035	1.1700	0.02000	1.1264	0.05070	0.01246	5	0.86	2%	0
019.33	Calcium, AAS, Microwave (%)	0300	1.0550	0.09000				2			0
019.33	Calcium, AAS, Microwave (%)	0504	1.2125	0.08900				2			0
019.41	Calcium, ICP, Dry ash (%)	0358	0.98500	0.01000	1.0879	0.06845	0.02513	25	-1.50	5%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.0000	0.02000	1.0879	0.06845	0.02513	25	-1.28	4%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.0250	0.03000	1.0879	0.06845	0.02513	25	-0.92	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0250	0.05000	1.0879	0.06845	0.02513	25	-0.92	3%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.0350	0.01000	1.0879	0.06845	0.02513	25	-0.77	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0440	0.00600	1.0879	0.06845	0.02513	25	-0.64	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	
019.41	Calcium, ICP, Dry ash (%)	0520	1.0500	0.02000	1.0879	0.06845	0.02513	25	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.0500	0.00000	1.0879	0.06845	0.02513	25	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.0500	0.10000	1.0879	0.06845	0.02513	25	-0.55	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0600	0.02000	1.0879	0.06845	0.02513	25	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.0600	0.00000	1.0879	0.06845	0.02513	25	-0.41	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0700	0.00000	1.0879	0.06845	0.02513	25	-0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.0750	0.03000	1.0879	0.06845	0.02513	25	-0.19	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.0800	0.02000	1.0879	0.06845	0.02513	25	-0.11	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.0950	0.03000	1.0879	0.06845	0.02513	25	0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.0950	0.01000	1.0879	0.06845	0.02513	25	0.10	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.1000	0.02000	1.0879	0.06845	0.02513	25	0.18	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1200	0.02000	1.0879	0.06845	0.02513	25	0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.1300	0.02000	1.0879	0.06845	0.02513	25	0.62	2%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.1495	0.02300	1.0879	0.06845	0.02513	25	0.90	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.1500	0.10000	1.0879	0.06845	0.02513	25	0.91	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.1763	0.03930	1.0879	0.06845	0.02513	25	1.29	4%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.1950	0.01000	1.0879	0.06845	0.02513	25	1.57	5%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.2050	0.03000	1.0879	0.06845	0.02513	25	1.71	5%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.4750	0.01000	1.0879	0.06845	0.02513	25	5.66	18%	0
019.41	Calcium, ICP, Dry ash (%)	0171	6.4950	0.05000	1.0879	0.06845	0.02513	25	79.00	249%	2
019.42	Calcium, ICP, Open vessel (%)	0026	0.88500	0.03000	1.1272	0.08371	0.02818	21	-2.89	11%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.0349	0.02790	1.1272	0.08371	0.02818	21	-1.10	4%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.0392	0.02660	1.1272	0.08371	0.02818	21	-1.05	4%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.0450	0.01000	1.1272	0.08371	0.02818	21	-0.98	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.0550	0.05000	1.1272	0.08371	0.02818	21	-0.86	3%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0600	0.02000	1.1272	0.08371	0.02818	21	-0.80	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.0900	0.00000	1.1272	0.08371	0.02818	21	-0.44	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.1035	0.00900	1.1272	0.08371	0.02818	21	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.1050	0.05000	1.1272	0.08371	0.02818	21	-0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.1150	0.01000	1.1272	0.08371	0.02818	21	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.1150	0.01000	1.1272	0.08371	0.02818	21	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.1235	0.06900	1.1272	0.08371	0.02818	21	-0.04	0%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.1426	0.00500	1.1272	0.08371	0.02818	21	0.18	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.1500	0.04000	1.1272	0.08371	0.02818	21	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.1650	0.01000	1.1272	0.08371	0.02818	21	0.45	2%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1800	0.10000	1.1272	0.08371	0.02818	21	0.63	2%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2200	0.00000	1.1272	0.08371	0.02818	21	1.11	4%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.2233	0.05230	1.1272	0.08371	0.02818	21	1.15	4%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2250	0.01000	1.1272	0.08371	0.02818	21	1.17	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2250	0.00200	1.1272	0.08371	0.02818	21	1.17	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.3000	0.06000	1.1272	0.08371	0.02818	21	2.06	8%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	0042	1.1900	0.38000	1.1272	0.08371	0.02818	21	0.75	3%	1
019.43	Calcium, ICP, Microwave (%)	0202	0.97500	0.07000	1.0887	0.05903	0.02948	25	-1.93	5%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.0000	0.02000	1.0887	0.05903	0.02948	25	-1.50	4%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.0050	0.01000	1.0887	0.05903	0.02948	25	-1.42	4%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.0050	0.03000	1.0887	0.05903	0.02948	25	-1.42	4%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.0450	0.03000	1.0887	0.05903	0.02948	25	-0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.0500	0.00000	1.0887	0.05903	0.02948	25	-0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.0550	0.03000	1.0887	0.05903	0.02948	25	-0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0552	0.02110	1.0887	0.05903	0.02948	25	-0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.0600	0.00000	1.0887	0.05903	0.02948	25	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0013	1.0700	0.08000	1.0887	0.05903	0.02948	25	-0.32	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.0883	0.09190	1.0887	0.05903	0.02948	25	-0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.0965	0.05500	1.0887	0.05903	0.02948	25	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.0975	0.04300	1.0887	0.05903	0.02948	25	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.1000	0.02000	1.0887	0.05903	0.02948	25	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.1050	0.03000	1.0887	0.05903	0.02948	25	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.1200	0.00000	1.0887	0.05903	0.02948	25	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.1200	0.00000	1.0887	0.05903	0.02948	25	0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.1250	0.05000	1.0887	0.05903	0.02948	25	0.61	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.1300	0.00000	1.0887	0.05903	0.02948	25	0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.1300	0.02000	1.0887	0.05903	0.02948	25	0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.1345	0.01500	1.0887	0.05903	0.02948	25	0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1400	0.04000	1.0887	0.05903	0.02948	25	0.87	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.1435	0.00500	1.0887	0.05903	0.02948	25	0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.1700	0.02000	1.0887	0.05903	0.02948	25	1.38	4%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.1720	0.05600	1.0887	0.05903	0.02948	25	1.41	4%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.0450	0.15000	1.0887	0.05903	0.02948	25	-0.74	2%	1
019.44	Calcium, ICP, Dry ash (%)	2004	1.0600	0.04000				3			0
019.44	Calcium, ICP, Dry ash (%)	2152	1.0800	0.00000				3			0
019.44	Calcium, ICP, Dry ash (%)	0955	1.1000	0.02000				3			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.1250	0.01800				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.96990	0.02640				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.0200	0.02000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.0450	0.01000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.0115	0.18970				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.1550	0.01000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.1700	0.12000				3			0
019.99	Calcium, Miscellaneous (%)	2105	0.58000	0.08000				3			0
019.99	Calcium, Miscellaneous (%)	0035	1.1350	0.11000				3			0
019.99	Calcium, Miscellaneous (%)	0100	1.1700	0.00000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	6.3500	0.10000				2			0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	7.0500	0.28000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	5.5000	0.00000				1			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	5.7602	0.48210				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	6.5750	0.01000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	6.5800	0.20000				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	5.7100	0.10000	6.2000	0.33993	0.04500	4	-1.44	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	6.2650	0.01000	6.2000	0.33993	0.04500	4	0.19	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	6.3350	0.07000	6.2000	0.33993	0.04500	4	0.40	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	6.4900	0.00000	6.2000	0.33993	0.04500	4	0.85	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	6.2000	0.33993	0.04500	4			4
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	6.3500	0.30000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	6.7450	0.15000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	6.2935	0.40300	6.7916	0.60101	0.57005	4	-0.83	4%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	6.4515	0.33220	6.7916	0.60101	0.57005	4	-0.57	3%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	2055	6.7815	1.0650	6.7916	0.60101	0.57005	4	-0.02	0%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	7.6400	0.48000	6.7916	0.60101	0.57005	4	1.41	6%	0
021.99	Cobalt, Miscellaneous (mg / kg (ppm))	0590	7.7450	0.13000				1			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	60.900	4.4000	87.676	4.7786	1.7663	16	-5.60	15%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	80.800	0.00000	87.676	4.7786	1.7663	16	-1.44	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	84.190	1.1200	87.676	4.7786	1.7663	16	-0.73	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0001	84.290	0.74000	87.676	4.7786	1.7663	16	-0.71	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	84.850	1.1000	87.676	4.7786	1.7663	16	-0.59	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	86.000	4.0000	87.676	4.7786	1.7663	16	-0.35	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	86.550	2.8600	87.676	4.7786	1.7663	16	-0.24	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2068	87.035	2.5280	87.676	4.7786	1.7663	16	-0.13	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	88.000	0.00000	87.676	4.7786	1.7663	16	0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	88.500	2.0000	87.676	4.7786	1.7663	16	0.17	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	89.975	0.75000	87.676	4.7786	1.7663	16	0.48	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	90.365	3.4100	87.676	4.7786	1.7663	16	0.56	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2022	91.000	2.0000	87.676	4.7786	1.7663	16	0.70	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	92.741	0.90260	87.676	4.7786	1.7663	16	1.06	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	93.175	1.9300	87.676	4.7786	1.7663	16	1.15	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0849	101.06	0.52000	87.676	4.7786	1.7663	16	2.80	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	268.13	25.550	87.676	4.7786	1.7663	16	37.76	103%	2
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	92.120	2.6000				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	97.000	2.0000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	89.165	0.57000	95.488	4.3589	0.97150	4	-1.45	3%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	96.286	0.31600	95.488	4.3589	0.97150	4	0.18	0%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	97.500	1.0000	95.488	4.3589	0.97150	4	0.46	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	99.000	2.0000	95.488	4.3589	0.97150	4	0.81	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	81.500	5.0000	87.787	5.4832	3.5099	19	-1.15	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	82.000	0.00000	87.787	5.4832	3.5099	19	-1.06	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	82.015	12.650	87.787	5.4832	3.5099	19	-1.05	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	82.500	5.0000	87.787	5.4832	3.5099	19	-0.96	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	83.500	1.2000	87.787	5.4832	3.5099	19	-0.78	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	84.000	4.0000	87.787	5.4832	3.5099	19	-0.69	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	85.710	0.82000	87.787	5.4832	3.5099	19	-0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	86.000	2.0000	87.787	5.4832	3.5099	19	-0.33	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	86.085	3.1300	87.787	5.4832	3.5099	19	-0.31	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	86.720	1.2200	87.787	5.4832	3.5099	19	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	87.500	1.0000	87.787	5.4832	3.5099	19	-0.05	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	88.830	12.500	87.787	5.4832	3.5099	19	0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	89.000	0.00000	87.787	5.4832	3.5099	19	0.22	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	91.064	5.7784	87.787	5.4832	3.5099	19	0.60	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	91.500	3.0000	87.787	5.4832	3.5099	19	0.68	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	92.850	2.6000	87.787	5.4832	3.5099	19	0.92	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	95.150	0.10000	87.787	5.4832	3.5099	19	1.34	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	98.735	2.6900	87.787	5.4832	3.5099	19	2.00	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	103.00	4.0000	87.787	5.4832	3.5099	19	2.77	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	451.50	1.0000	87.787	5.4832	3.5099	19	66.33	207%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	55.000	0.00000	94.732	6.4498	3.4974	21	-6.16	21%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	86.450	13.900	94.732	6.4498	3.4974	21	-1.28	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	87.420	0.24000	94.732	6.4498	3.4974	21	-1.13	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	88.500	3.0000	94.732	6.4498	3.4974	21	-0.97	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	88.950	2.7000	94.732	6.4498	3.4974	21	-0.90	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	90.150	1.3000	94.732	6.4498	3.4974	21	-0.71	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	90.500	5.0000	94.732	6.4498	3.4974	21	-0.66	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	93.050	3.7600	94.732	6.4498	3.4974	21	-0.26	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	93.250	0.50000	94.732	6.4498	3.4974	21	-0.23	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	94.100	0.20000	94.732	6.4498	3.4974	21	-0.10	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	94.645	0.09000	94.732	6.4498	3.4974	21	-0.01	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	95.500	3.0000	94.732	6.4498	3.4974	21	0.12	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	97.105	7.3828	94.732	6.4498	3.4974	21	0.37	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	97.380	0.20000	94.732	6.4498	3.4974	21	0.41	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	97.950	0.50000	94.732	6.4498	3.4974	21	0.50	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	99.850	18.300	94.732	6.4498	3.4974	21	0.79	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	100.41	6.7800	94.732	6.4498	3.4974	21	0.88	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	100.85	0.89200	94.732	6.4498	3.4974	21	0.95	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	102.05	3.7000	94.732	6.4498	3.4974	21	1.13	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	102.20	0.00000	94.732	6.4498	3.4974	21	1.16	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	104.00	2.0000	94.732	6.4498	3.4974	21	1.44	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	141.50	27.000	94.732	6.4498	3.4974	21	7.25	25%	1

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	826.74	3.2990	94.732	6.4498	3.4974	21	113.49	386%	2
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	78.300	5.0000	91.472	5.2988	2.9620	22	-2.49	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	85.050	0.90000	91.472	5.2988	2.9620	22	-1.21	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	85.500	1.0000	91.472	5.2988	2.9620	22	-1.13	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	85.900	0.00000	91.472	5.2988	2.9620	22	-1.05	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	86.185	3.7500	91.472	5.2988	2.9620	22	-1.00	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	88.550	2.1000	91.472	5.2988	2.9620	22	-0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	88.960	4.3200	91.472	5.2988	2.9620	22	-0.47	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	89.000	6.0000	91.472	5.2988	2.9620	22	-0.47	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	90.180	3.1200	91.472	5.2988	2.9620	22	-0.24	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	91.000	6.0000	91.472	5.2988	2.9620	22	-0.09	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0013	91.350	0.10000	91.472	5.2988	2.9620	22	-0.02	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	91.495	2.3100	91.472	5.2988	2.9620	22	0.00	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	92.000	2.0000	91.472	5.2988	2.9620	22	0.10	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	92.500	3.0000	91.472	5.2988	2.9620	22	0.19	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	93.400	0.00000	91.472	5.2988	2.9620	22	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	94.400	3.4000	91.472	5.2988	2.9620	22	0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	94.515	8.2100	91.472	5.2988	2.9620	22	0.57	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	95.500	1.0000	91.472	5.2988	2.9620	22	0.76	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	95.850	0.10000	91.472	5.2988	2.9620	22	0.83	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	98.679	0.79400	91.472	5.2988	2.9620	22	1.36	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	101.17	5.0600	91.472	5.2988	2.9620	22	1.83	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	103.50	7.0000	91.472	5.2988	2.9620	22	2.27	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	91.472	5.2988	2.9620	22			4
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0955	80.700	2.0000				2			0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	96.400	0.60000				2			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	103.95	5.1000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	89.500	3.0000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	93.400	2.7000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	74.500	9.0000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	91.450	6.7000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	92.850	2.9000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	89.200	0.20000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	89.500	5.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	96.730	2.7000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	15.650	0.70000				1			0
024.01	Iodine, Elm-Cald (mg / kg (ppm))	0186	17.500	7.0000				1			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0186	31.000	20.000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	443.00	0.00000	600.84	38.057	19.688	15	-4.15	13%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	559.00	6.0000	600.84	38.057	19.688	15	-1.10	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	571.60	15.400	600.84	38.057	19.688	15	-0.77	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	575.00	0.00000	600.84	38.057	19.688	15	-0.68	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	578.50	11.200	600.84	38.057	19.688	15	-0.59	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	580.26	0.25000	600.84	38.057	19.688	15	-0.54	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2068	592.57	9.4770	600.84	38.057	19.688	15	-0.22	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	600.91	16.199	600.84	38.057	19.688	15	0.00	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0849	604.53	1.2500	600.84	38.057	19.688	15	0.10	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	607.50	35.000	600.84	38.057	19.688	15	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	626.50	5.0000	600.84	38.057	19.688	15	0.67	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	630.50	77.000	600.84	38.057	19.688	15	0.78	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	642.00	8.0000	600.84	38.057	19.688	15	1.08	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	642.02	32.550	600.84	38.057	19.688	15	1.08	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	698.00	78.000	600.84	38.057	19.688	15	2.55	8%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	569.50	19.000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	681.40	6.4000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	624.00	37.200				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	642.47	30.826				2			0
025.34	Iron, AAS, Dry ash (mg / kg (ppm))	0001	579.25	21.500				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2145	463.00	2.0000	599.08	58.013	23.044	22	-2.35	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	512.50	29.000	599.08	58.013	23.044	22	-1.49	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	527.50	7.0000	599.08	58.013	23.044	22	-1.23	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	539.25	1.7000	599.08	58.013	23.044	22	-1.03	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	542.95	4.9000	599.08	58.013	23.044	22	-0.97	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	566.50	5.0000	599.08	58.013	23.044	22	-0.56	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	582.00	4.0000	599.08	58.013	23.044	22	-0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	582.35	24.100	599.08	58.013	23.044	22	-0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	595.50	63.000	599.08	58.013	23.044	22	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	603.43	1.4100	599.08	58.013	23.044	22	0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	603.90	11.600	599.08	58.013	23.044	22	0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	606.50	15.000	599.08	58.013	23.044	22	0.13	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	610.50	13.000	599.08	58.013	23.044	22	0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	618.50	15.000	599.08	58.013	23.044	22	0.33	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	619.00	56.000	599.08	58.013	23.044	22	0.34	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	621.20	43.400	599.08	58.013	23.044	22	0.38	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	622.00	12.000	599.08	58.013	23.044	22	0.40	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	627.00	42.000	599.08	58.013	23.044	22	0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	628.75	28.100	599.08	58.013	23.044	22	0.51	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	697.50	47.000	599.08	58.013	23.044	22	1.70	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	699.28	57.760	599.08	58.013	23.044	22	1.73	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	739.00	24.000	599.08	58.013	23.044	22	2.41	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	663.29	133.60	599.08	58.013	23.044	22	1.11	5%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	124.53	6.6800	551.64	133.33	21.123	18	-3.20	39%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	316.55	4.5000	551.64	133.33	21.123	18	-1.76	21%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	360.50	71.000	551.64	133.33	21.123	18	-1.43	17%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	421.00	34.000	551.64	133.33	21.123	18	-0.98	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	436.55	30.700	551.64	133.33	21.123	18	-0.86	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	520.50	41.000	551.64	133.33	21.123	18	-0.23	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	562.50	9.0000	551.64	133.33	21.123	18	0.08	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	573.86	5.2800	551.64	133.33	21.123	18	0.17	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	585.00	10.000	551.64	133.33	21.123	18	0.25	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	595.60	8.9471	551.64	133.33	21.123	18	0.33	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	597.70	1.6000	551.64	133.33	21.123	18	0.35	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	603.70	18.000	551.64	133.33	21.123	18	0.39	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	623.50	19.000	551.64	133.33	21.123	18	0.54	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	630.50	25.000	551.64	133.33	21.123	18	0.59	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	642.50	11.000	551.64	133.33	21.123	18	0.68	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	677.00	40.000	551.64	133.33	21.123	18	0.94	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	680.75	16.500	551.64	133.33	21.123	18	0.97	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	715.00	28.000	551.64	133.33	21.123	18	1.23	15%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	532.10	117.60	551.64	133.33	21.123	18	-0.15	2%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	403.00	0.00000	582.45	39.995	13.269	19	-4.49	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	505.04	0.00000	582.45	39.995	13.269	19	-1.94	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	517.35	5.7000	582.45	39.995	13.269	19	-1.63	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	561.00	0.00000	582.45	39.995	13.269	19	-0.54	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	563.15	9.1000	582.45	39.995	13.269	19	-0.48	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0028	563.50	31.000	582.45	39.995	13.269	19	-0.47	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	566.29	21.660	582.45	39.995	13.269	19	-0.40	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0013	573.50	11.000	582.45	39.995	13.269	19	-0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	578.50	33.000	582.45	39.995	13.269	19	-0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	579.00	0.00000	582.45	39.995	13.269	19	-0.09	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	593.50	11.000	582.45	39.995	13.269	19	0.28	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	595.94	6.7300	582.45	39.995	13.269	19	0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	601.50	15.000	582.45	39.995	13.269	19	0.48	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	602.42	12.430	582.45	39.995	13.269	19	0.50	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	616.45	1.1000	582.45	39.995	13.269	19	0.85	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	618.50	17.000	582.45	39.995	13.269	19	0.90	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	624.00	37.400	582.45	39.995	13.269	19	1.04	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	625.00	14.000	582.45	39.995	13.269	19	1.06	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	637.00	26.000	582.45	39.995	13.269	19	1.36	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	580.50	65.000	582.45	39.995	13.269	19	-0.05	0%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	582.45	39.995	13.269	19			4
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	621.05	11.700				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	273.50	87.000				3			0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	426.57	16.570				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	511.47	2.5900				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	235.50	15.000				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	613.00	16.000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	579.00	0.00000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	620.00	2.0000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.20500	0.01000	0.22844	0.01065	0.00725	14	-2.20	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.21115	0.00150	0.22844	0.01065	0.00725	14	-1.62	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.21500	0.01000	0.22844	0.01065	0.00725	14	-1.26	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.22310	0.00320	0.22844	0.01065	0.00725	14	-0.50	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.22700	0.00200	0.22844	0.01065	0.00725	14	-0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.22930	0.00360	0.22844	0.01065	0.00725	14	0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.23000	0.01000	0.22844	0.01065	0.00725	14	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.23000	0.00000	0.22844	0.01065	0.00725	14	0.15	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.23350	0.01900	0.22844	0.01065	0.00725	14	0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.23500	0.01000	0.22844	0.01065	0.00725	14	0.62	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.23500	0.01000	0.22844	0.01065	0.00725	14	0.62	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.23640	0.01420	0.22844	0.01065	0.00725	14	0.75	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.23900	0.00200	0.22844	0.01065	0.00725	14	0.99	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.24000	0.00600	0.22844	0.01065	0.00725	14	1.08	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.25000	0.04000	0.22844	0.01065	0.00725	14	2.02	5%	1
027.31	Magnesium, AAS, Dry ash (%)	0536	0.64000	0.02000	0.22844	0.01065	0.00725	14	38.63	90%	2
027.32	Magnesium, AAS, Open vessel (%)	0263	0.22985	0.00270	0.23796	0.00914	0.00068	4	-1.20	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.23200	0.00000	0.23796	0.00914	0.00068	4	-0.96	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.24000	0.00000	0.23796	0.00914	0.00068	4	-0.07	0%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.25000	0.00000	0.23796	0.00914	0.00068	4	1.03	2%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.20800	0.00000				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.23600	0.00400				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.24000	0.00000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.21500	0.01000	0.24060	0.01227	0.00627	21	-2.09	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.22500	0.01000	0.24060	0.01227	0.00627	21	-1.27	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.23000	0.00000	0.24060	0.01227	0.00627	21	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.23000	0.00000	0.24060	0.01227	0.00627	21	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.23000	0.00000	0.24060	0.01227	0.00627	21	-0.86	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.23350	0.00500	0.24060	0.01227	0.00627	21	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.23500	0.01000	0.24060	0.01227	0.00627	21	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.23500	0.01000	0.24060	0.01227	0.00627	21	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.23600	0.00140	0.24060	0.01227	0.00627	21	-0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.23855	0.00610	0.24060	0.01227	0.00627	21	-0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.23950	0.00900	0.24060	0.01227	0.00627	21	-0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.24000	0.00000	0.24060	0.01227	0.00627	21	-0.05	0%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0413	0.24000	0.02000	0.24060	0.01227	0.00627	21	-0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.24500	0.01000	0.24060	0.01227	0.00627	21	0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.24640	0.00620	0.24060	0.01227	0.00627	21	0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.25000	0.00000	0.24060	0.01227	0.00627	21	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.25000	0.00000	0.24060	0.01227	0.00627	21	0.77	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.25350	0.01100	0.24060	0.01227	0.00627	21	1.05	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.25500	0.01000	0.24060	0.01227	0.00627	21	1.17	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.26500	0.01000	0.24060	0.01227	0.00627	21	1.99	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.40850	0.00300	0.24060	0.01227	0.00627	21	13.69	35%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.71400	0.00400	0.24060	0.01227	0.00627	21	38.59	98%	2
027.42	Magnesium, ICP, Open vessel (%)	0026	0.16000	0.00000	0.24244	0.01524	0.00587	21	-5.41	17%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.22250	0.00500	0.24244	0.01524	0.00587	21	-1.31	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.22500	0.01000	0.24244	0.01524	0.00587	21	-1.14	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.23000	0.00000	0.24244	0.01524	0.00587	21	-0.82	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.23015	0.00030	0.24244	0.01524	0.00587	21	-0.81	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.23205	0.00250	0.24244	0.01524	0.00587	21	-0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.23400	0.00400	0.24244	0.01524	0.00587	21	-0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.23630	0.00160	0.24244	0.01524	0.00587	21	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.24000	0.00000	0.24244	0.01524	0.00587	21	-0.16	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.24000	0.00000	0.24244	0.01524	0.00587	21	-0.16	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.24500	0.01000	0.24244	0.01524	0.00587	21	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.24500	0.01000	0.24244	0.01524	0.00587	21	0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.24700	0.00060	0.24244	0.01524	0.00587	21	0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.24800	0.00600	0.24244	0.01524	0.00587	21	0.36	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.24925	0.00610	0.24244	0.01524	0.00587	21	0.45	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.25000	0.02000	0.24244	0.01524	0.00587	21	0.50	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.25000	0.00000	0.24244	0.01524	0.00587	21	0.50	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.25245	0.00570	0.24244	0.01524	0.00587	21	0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.26440	0.00140	0.24244	0.01524	0.00587	21	1.44	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.27500	0.01000	0.24244	0.01524	0.00587	21	2.14	7%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.30500	0.03000	0.24244	0.01524	0.00587	21	4.11	13%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.25400	0.04600	0.24244	0.01524	0.00587	21	0.76	2%	1
027.43	Magnesium, ICP, Microwave (%)	0028	0.21000	0.00000	0.23594	0.01518	0.00626	22	-1.71	5%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.21000	0.00000	0.23594	0.01518	0.00626	22	-1.71	5%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.21950	0.00900	0.23594	0.01518	0.00626	22	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.22000	0.00000	0.23594	0.01518	0.00626	22	-1.05	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.22800	0.00600	0.23594	0.01518	0.00626	22	-0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.22950	0.00100	0.23594	0.01518	0.00626	22	-0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0013	0.23000	0.02000	0.23594	0.01518	0.00626	22	-0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.23000	0.00000	0.23594	0.01518	0.00626	22	-0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.23050	0.00500	0.23594	0.01518	0.00626	22	-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	
027.43	Magnesium, ICP, Microwave (%)	0043	0.23100	0.00200	0.23594	0.01518	0.00626	22	-0.33	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.23500	0.01000	0.23594	0.01518	0.00626	22	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.23500	0.01000	0.23594	0.01518	0.00626	22	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.23550	0.00500	0.23594	0.01518	0.00626	22	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.23855	0.00770	0.23594	0.01518	0.00626	22	0.17	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.24000	0.00000	0.23594	0.01518	0.00626	22	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.24000	0.02000	0.23594	0.01518	0.00626	22	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.25000	0.02000	0.23594	0.01518	0.00626	22	0.93	3%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.25000	0.00000	0.23594	0.01518	0.00626	22	0.93	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.25300	0.00000	0.23594	0.01518	0.00626	22	1.12	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.25500	0.01000	0.23594	0.01518	0.00626	22	1.26	4%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.25500	0.01000	0.23594	0.01518	0.00626	22	1.26	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.28200	0.00200	0.23594	0.01518	0.00626	22	3.03	10%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.23000	0.04000	0.23594	0.01518	0.00626	22	-0.39	1%	1
027.44	Magnesium, ICP, Dry ash (%)	0955	0.23200	0.00800				2			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.23750	0.00100				2			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.24150	0.00300				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.22925	0.00130				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.23200	0.01200				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.23250	0.00300				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.22425	0.01290				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.23650	0.00500				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.25650	0.01900				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.22000	0.00000				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.25000	0.00000				2			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	158.95	4.9000	172.14	8.8884	4.2084	13	-1.48	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	161.00	6.0000	172.14	8.8884	4.2084	13	-1.25	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	164.82	12.130	172.14	8.8884	4.2084	13	-0.82	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	166.20	0.00000	172.14	8.8884	4.2084	13	-0.67	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	170.50	4.0000	172.14	8.8884	4.2084	13	-0.18	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	171.37	1.0205	172.14	8.8884	4.2084	13	-0.09	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	172.00	4.0000	172.14	8.8884	4.2084	13	-0.02	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	174.00	4.0000	172.14	8.8884	4.2084	13	0.21	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	175.68	2.5300	172.14	8.8884	4.2084	13	0.40	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	177.05	14.300	172.14	8.8884	4.2084	13	0.55	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	179.50	1.0000	172.14	8.8884	4.2084	13	0.83	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	182.69	0.65000	172.14	8.8884	4.2084	13	1.19	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2068	184.03	0.17900	172.14	8.8884	4.2084	13	1.34	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	405.75	6.7000	172.14	8.8884	4.2084	13	26.28	68%	2
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	181.00	8.0000				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	197.50	6.4000				2			0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	172.10	3.3540				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	172.15	12.500				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	132.00	0.00000	174.72	9.0642	3.9755	19	-4.71	12%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	159.50	3.0000	174.72	9.0642	3.9755	19	-1.68	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	167.00	4.0000	174.72	9.0642	3.9755	19	-0.85	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	168.50	3.0000	174.72	9.0642	3.9755	19	-0.69	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	169.50	1.0000	174.72	9.0642	3.9755	19	-0.58	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	169.50	5.0000	174.72	9.0642	3.9755	19	-0.58	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	170.74	1.0600	174.72	9.0642	3.9755	19	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	171.00	2.0000	174.72	9.0642	3.9755	19	-0.41	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	172.65	15.500	174.72	9.0642	3.9755	19	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	173.31	0.85000	174.72	9.0642	3.9755	19	-0.16	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	176.00	4.6000	174.72	9.0642	3.9755	19	0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	177.26	0.11000	174.72	9.0642	3.9755	19	0.28	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	178.00	4.0000	174.72	9.0642	3.9755	19	0.36	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	178.50	1.0000	174.72	9.0642	3.9755	19	0.42	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	182.75	0.51390	174.72	9.0642	3.9755	19	0.89	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	183.50	7.0000	174.72	9.0642	3.9755	19	0.97	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	184.90	8.6000	174.72	9.0642	3.9755	19	1.12	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	186.05	10.300	174.72	9.0642	3.9755	19	1.25	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	189.00	4.0000	174.72	9.0642	3.9755	19	1.58	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	174.52	26.110	174.72	9.0642	3.9755	19	-0.02	0%	1
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	407.50	5.0000	174.72	9.0642	3.9755	19	25.68	67%	2
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	129.50	29.000	186.26	18.807	9.6903	21	-3.02	15%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	157.18	0.60000	186.26	18.807	9.6903	21	-1.55	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	162.50	9.0000	186.26	18.807	9.6903	21	-1.26	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	167.50	5.0000	186.26	18.807	9.6903	21	-1.00	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	173.00	2.0000	186.26	18.807	9.6903	21	-0.71	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	175.00	5.5862	186.26	18.807	9.6903	21	-0.60	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	180.50	9.0000	186.26	18.807	9.6903	21	-0.31	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	181.10	6.2000	186.26	18.807	9.6903	21	-0.27	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	183.00	6.0000	186.26	18.807	9.6903	21	-0.17	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	185.45	23.900	186.26	18.807	9.6903	21	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	186.20	3.2000	186.26	18.807	9.6903	21	0.00	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	187.23	1.7400	186.26	18.807	9.6903	21	0.05	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	193.45	21.300	186.26	18.807	9.6903	21	0.38	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	193.71	3.1110	186.26	18.807	9.6903	21	0.40	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	194.80	0.20000	186.26	18.807	9.6903	21	0.45	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	196.75	3.3000	186.26	18.807	9.6903	21	0.56	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	197.50	5.0000	186.26	18.807	9.6903	21	0.60	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	204.18	10.360	186.26	18.807	9.6903	21	0.95	5%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	208.00	34.000	186.26	18.807	9.6903	21	1.16	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	211.00	18.000	186.26	18.807	9.6903	21	1.32	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	216.50	7.0000	186.26	18.807	9.6903	21	1.61	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	1,611.4	74.749	186.26	18.807	9.6903	21	75.78	383%	2
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	159.50	5.0000	179.05	10.478	7.4978	22	-1.87	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	164.00	6.0000	179.05	10.478	7.4978	22	-1.44	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	165.00	0.00000	179.05	10.478	7.4978	22	-1.34	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	165.37	12.220	179.05	10.478	7.4978	22	-1.31	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	172.50	25.000	179.05	10.478	7.4978	22	-0.63	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	172.69	6.6900	179.05	10.478	7.4978	22	-0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	174.40	15.600	179.05	10.478	7.4978	22	-0.44	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	175.65	0.90000	179.05	10.478	7.4978	22	-0.32	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	177.50	1.0000	179.05	10.478	7.4978	22	-0.15	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	179.00	2.0000	179.05	10.478	7.4978	22	0.00	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	179.26	4.4400	179.05	10.478	7.4978	22	0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0013	180.00	12.000	179.05	10.478	7.4978	22	0.09	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	180.75	12.300	179.05	10.478	7.4978	22	0.16	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	181.50	3.0000	179.05	10.478	7.4978	22	0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	183.00	4.0000	179.05	10.478	7.4978	22	0.38	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	184.64	0.00000	179.05	10.478	7.4978	22	0.53	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	188.50	7.0000	179.05	10.478	7.4978	22	0.90	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	188.91	6.0400	179.05	10.478	7.4978	22	0.94	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	189.00	4.0000	179.05	10.478	7.4978	22	0.95	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	189.50	17.000	179.05	10.478	7.4978	22	1.00	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0027	189.88	4.8210	179.05	10.478	7.4978	22	1.03	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	195.55	15.940	179.05	10.478	7.4978	22	1.57	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	179.05	10.478	7.4978	22			4
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	154.50	3.0000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	177.50	5.0000				2			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	219.80	6.0000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	173.00	4.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	203.13	0.34000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	2055	168.45	26.100				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	175.50	7.0000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	180.00	10.000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0035	167.50	17.000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	172.00	0.00000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	183.00	6.0000				3			0
031.00	Phosphorus, Vol (%)	0895	0.73500	0.01000				2			0
031.00	Phosphorus, Vol (%)	0893	0.78000	0.00000				2			0
031.01	Phosphorus, Photometric (%)	2022	0.53500	0.01000	0.71368	0.03104	0.01791	42	-5.76	13%	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 (%)	0233	0.65000	0.04000	0.71368	0.03104	0.01791	42	-2.05	4%	0
031.01	Phosphorus, Photometric (%)	0108	0.66000	0.06000	0.71368	0.03104	0.01791	42	-1.73	4%	0
031.01	Phosphorus, Photometric (%)	0511	0.66500	0.09000	0.71368	0.03104	0.01791	42	-1.57	3%	0
031.01	Phosphorus, Photometric (%)	0940	0.66500	0.01000	0.71368	0.03104	0.01791	42	-1.57	3%	0
031.01	Phosphorus, Photometric (%)	0152	0.67000	0.04000	0.71368	0.03104	0.01791	42	-1.41	3%	0
031.01	Phosphorus, Photometric (%)	0035	0.67500	0.01000	0.71368	0.03104	0.01791	42	-1.25	3%	0
031.01	Phosphorus, Photometric (%)	0689	0.67500	0.01000	0.71368	0.03104	0.01791	42	-1.25	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.67745	0.00210	0.71368	0.03104	0.01791	42	-1.17	3%	0
031.01	Phosphorus, Photometric (%)	0897	0.69500	0.01000	0.71368	0.03104	0.01791	42	-0.60	1%	0
031.01	Phosphorus, Photometric (%)	0623	0.69750	0.05280	0.71368	0.03104	0.01791	42	-0.52	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.70270	0.01060	0.71368	0.03104	0.01791	42	-0.35	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.70500	0.01000	0.71368	0.03104	0.01791	42	-0.28	1%	0
031.01	Phosphorus, Photometric (%)	0620	0.70625	0.04870	0.71368	0.03104	0.01791	42	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.71000	0.00000	0.71368	0.03104	0.01791	42	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.71000	0.06000	0.71368	0.03104	0.01791	42	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	2006	0.71050	0.00100	0.71368	0.03104	0.01791	42	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.71225	0.00050	0.71368	0.03104	0.01791	42	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0194	0.71500	0.01000	0.71368	0.03104	0.01791	42	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.71550	0.02500	0.71368	0.03104	0.01791	42	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.71600	0.00200	0.71368	0.03104	0.01791	42	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.72000	0.00000	0.71368	0.03104	0.01791	42	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.72000	0.00000	0.71368	0.03104	0.01791	42	0.20	0%	0
031.01	Phosphorus, Photometric (%)	0263	0.72110	0.00620	0.71368	0.03104	0.01791	42	0.24	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.72200	0.04800	0.71368	0.03104	0.01791	42	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0651	0.72950	0.01500	0.71368	0.03104	0.01791	42	0.51	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.73000	0.00000	0.71368	0.03104	0.01791	42	0.53	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.73000	0.02000	0.71368	0.03104	0.01791	42	0.53	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.73000	0.00000	0.71368	0.03104	0.01791	42	0.53	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.73100	0.00200	0.71368	0.03104	0.01791	42	0.56	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.73500	0.03000	0.71368	0.03104	0.01791	42	0.69	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.73500	0.01000	0.71368	0.03104	0.01791	42	0.69	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.73500	0.01000	0.71368	0.03104	0.01791	42	0.69	1%	0
031.01	Phosphorus, Photometric (%)	2093	0.73500	0.01000	0.71368	0.03104	0.01791	42	0.69	1%	0
031.01	Phosphorus, Photometric (%)	2062	0.73625	0.00090	0.71368	0.03104	0.01791	42	0.73	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.73660	0.01300	0.71368	0.03104	0.01791	42	0.74	2%	0
031.01	Phosphorus, Photometric (%)	0881	0.73950	0.00100	0.71368	0.03104	0.01791	42	0.83	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.74000	0.00000	0.71368	0.03104	0.01791	42	0.85	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.74450	0.00100	0.71368	0.03104	0.01791	42	0.99	2%	0
031.01	Phosphorus, Photometric (%)	0687	0.75500	0.07000	0.71368	0.03104	0.01791	42	1.33	3%	0
031.01	Phosphorus, Photometric (%)	0563	0.76355	0.00750	0.71368	0.03104	0.01791	42	1.61	3%	0
031.01	Phosphorus, Photometric (%)	2109	0.78450	0.00500	0.71368	0.03104	0.01791	42	2.28	5%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0529	1.3650	1.2500	0.71368	0.03104	0.01791	42	20.98	46%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.72500	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.74000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.74000	0.02000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.72000	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.73080	0.00960				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.74000	0.00000				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.55000	0.06000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.59750	0.00500	0.73486	0.04712	0.01211	25	-2.91	9%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.67000	0.02000	0.73486	0.04712	0.01211	25	-1.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.68000	0.00000	0.73486	0.04712	0.01211	25	-1.16	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.69500	0.01000	0.73486	0.04712	0.01211	25	-0.85	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.70000	0.00000	0.73486	0.04712	0.01211	25	-0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.70500	0.01000	0.73486	0.04712	0.01211	25	-0.63	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.70670	0.02960	0.73486	0.04712	0.01211	25	-0.60	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.71000	0.02000	0.73486	0.04712	0.01211	25	-0.53	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.71300	0.00200	0.73486	0.04712	0.01211	25	-0.46	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.72000	0.02000	0.73486	0.04712	0.01211	25	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.72000	0.00000	0.73486	0.04712	0.01211	25	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.73000	0.00000	0.73486	0.04712	0.01211	25	-0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.73000	0.02000	0.73486	0.04712	0.01211	25	-0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.73300	0.00000	0.73486	0.04712	0.01211	25	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.73500	0.01000	0.73486	0.04712	0.01211	25	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.74500	0.01000	0.73486	0.04712	0.01211	25	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.74500	0.01000	0.73486	0.04712	0.01211	25	0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.75100	0.03140	0.73486	0.04712	0.01211	25	0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.75500	0.01000	0.73486	0.04712	0.01211	25	0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.76250	0.02700	0.73486	0.04712	0.01211	25	0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.79000	0.00000	0.73486	0.04712	0.01211	25	1.17	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.80000	0.02000	0.73486	0.04712	0.01211	25	1.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.80000	0.02000	0.73486	0.04712	0.01211	25	1.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.82530	0.01780	0.73486	0.04712	0.01211	25	1.92	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.84500	0.01000	0.73486	0.04712	0.01211	25	2.34	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.63000	0.10000	0.71261	0.04796	0.02049	21	-1.72	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.64600	0.00400	0.71261	0.04796	0.02049	21	-1.39	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.65370	0.00040	0.71261	0.04796	0.02049	21	-1.23	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.67000	0.06000	0.71261	0.04796	0.02049	21	-0.89	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.67460	0.02320	0.71261	0.04796	0.02049	21	-0.79	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.68345	0.00750	0.71261	0.04796	0.02049	21	-0.61	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.69000	0.00000	0.71261	0.04796	0.02049	21	-0.47	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.69000	0.02000	0.71261	0.04796	0.02049	21	-0.47	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.71000	0.01600	0.71261	0.04796	0.02049	21	-0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.71100	0.03000	0.71261	0.04796	0.02049	21	-0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.71870	0.02340	0.71261	0.04796	0.02049	21	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.72000	0.02000	0.71261	0.04796	0.02049	21	0.15	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.72750	0.00700	0.71261	0.04796	0.02049	21	0.31	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.72850	0.00080	0.71261	0.04796	0.02049	21	0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.72910	0.00400	0.71261	0.04796	0.02049	21	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.73000	0.02000	0.71261	0.04796	0.02049	21	0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.75500	0.01000	0.71261	0.04796	0.02049	21	0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.75750	0.04900	0.71261	0.04796	0.02049	21	0.94	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.76000	0.02000	0.71261	0.04796	0.02049	21	0.99	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.78585	0.00490	0.71261	0.04796	0.02049	21	1.53	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.82500	0.01000	0.71261	0.04796	0.02049	21	2.34	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.75800	0.19600	0.71261	0.04796	0.02049	21	0.95	3%	1
031.43	Phosphorus, ICP, Microwave (%)	0028	0.63500	0.01000	0.71719	0.04354	0.01668	25	-1.89	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.65500	0.01000	0.71719	0.04354	0.01668	25	-1.43	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.66500	0.01000	0.71719	0.04354	0.01668	25	-1.20	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.67500	0.07000	0.71719	0.04354	0.01668	25	-0.97	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.68465	0.02830	0.71719	0.04354	0.01668	25	-0.75	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.69000	0.04000	0.71719	0.04354	0.01668	25	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.69000	0.02000	0.71719	0.04354	0.01668	25	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.69000	0.00000	0.71719	0.04354	0.01668	25	-0.62	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.69500	0.03000	0.71719	0.04354	0.01668	25	-0.51	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.70500	0.01000	0.71719	0.04354	0.01668	25	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.70950	0.00500	0.71719	0.04354	0.01668	25	-0.18	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.71150	0.00100	0.71719	0.04354	0.01668	25	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.71450	0.00700	0.71719	0.04354	0.01668	25	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.71750	0.02900	0.71719	0.04354	0.01668	25	0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.71750	0.01500	0.71719	0.04354	0.01668	25	0.01	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.72500	0.01000	0.71719	0.04354	0.01668	25	0.18	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.73380	0.00380	0.71719	0.04354	0.01668	25	0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.74500	0.01000	0.71719	0.04354	0.01668	25	0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.74500	0.01000	0.71719	0.04354	0.01668	25	0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.74750	0.01500	0.71719	0.04354	0.01668	25	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.75500	0.01000	0.71719	0.04354	0.01668	25	0.87	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.76000	0.00000	0.71719	0.04354	0.01668	25	0.98	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.78150	0.01300	0.71719	0.04354	0.01668	25	1.48	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.78830	0.06000	0.71719	0.04354	0.01668	25	1.63	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.80000	0.00000	0.71719	0.04354	0.01668	25	1.90	6%	0
031.44	Phosphorus, ICP, Dry ash (%)	2152	0.71000	0.02000				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.73150	0.02300				3			0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.73350	0.01500				3			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.73400	0.02000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.67750	0.01100				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.70010	0.00440				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	2055	0.62215	0.04190				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.75550	0.00900				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.76650	0.03900				3			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.68000	0.02000				1			0
032.02	Potassium, Flame Emission (%)	0504	1.3500	0.00000				1			0
032.31	Potassium, AAS, Dry ash (%)	0874	1.2200	0.02000	1.3310	0.07501	0.05326	17	-1.48	4%	0
032.31	Potassium, AAS, Dry ash (%)	0505	1.2300	0.02000	1.3310	0.07501	0.05326	17	-1.35	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.2350	0.03000	1.3310	0.07501	0.05326	17	-1.28	4%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.2795	0.01300	1.3310	0.07501	0.05326	17	-0.69	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.2800	0.14000	1.3310	0.07501	0.05326	17	-0.68	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.3200	0.08000	1.3310	0.07501	0.05326	17	-0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.3248	0.04630	1.3310	0.07501	0.05326	17	-0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.3300	0.14000	1.3310	0.07501	0.05326	17	-0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3317	0.00520	1.3310	0.07501	0.05326	17	0.01	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	1.3400	0.04000	1.3310	0.07501	0.05326	17	0.12	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3475	0.00100	1.3310	0.07501	0.05326	17	0.22	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.3600	0.04000	1.3310	0.07501	0.05326	17	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	1.3700	0.10000	1.3310	0.07501	0.05326	17	0.52	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.3800	0.02000	1.3310	0.07501	0.05326	17	0.65	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.4100	0.04000	1.3310	0.07501	0.05326	17	1.05	3%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.4250	0.01000	1.3310	0.07501	0.05326	17	1.25	4%	0
032.31	Potassium, AAS, Dry ash (%)	0536	2.1500	0.16000	1.3310	0.07501	0.05326	17	10.92	31%	0
032.32	Potassium, AAS, Open vessel (%)	0263	1.3087	0.01100				3			0
032.32	Potassium, AAS, Open vessel (%)	0169	1.3750	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.4550	0.01000				3			0
032.41	Potassium, ICP, Dry ash (%)	0511	1.2650	0.01000	1.3714	0.06975	0.03106	21	-1.53	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2700	0.06000	1.3714	0.06975	0.03106	21	-1.45	4%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3000	0.06000	1.3714	0.06975	0.03106	21	-1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.3200	0.02000	1.3714	0.06975	0.03106	21	-0.74	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.3250	0.07000	1.3714	0.06975	0.03106	21	-0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.3300	0.02000	1.3714	0.06975	0.03106	21	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.3300	0.00000	1.3714	0.06975	0.03106	21	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.3400	0.04000	1.3714	0.06975	0.03106	21	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.3515	0.01700	1.3714	0.06975	0.03106	21	-0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.3600	0.04000	1.3714	0.06975	0.03106	21	-0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.3650	0.03000	1.3714	0.06975	0.03106	21	-0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.3750	0.05000	1.3714	0.06975	0.03106	21	0.05	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	
032.41	Potassium, ICP, Dry ash (%)	0413	1.3900	0.04000	1.3714	0.06975	0.03106	21	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.4000	0.00000	1.3714	0.06975	0.03106	21	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	1.4000	0.00000	1.3714	0.06975	0.03106	21	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.4100	0.02000	1.3714	0.06975	0.03106	21	0.55	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.4150	0.01000	1.3714	0.06975	0.03106	21	0.63	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.4425	0.04630	1.3714	0.06975	0.03106	21	1.02	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.4565	0.02900	1.3714	0.06975	0.03106	21	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.5550	0.01000	1.3714	0.06975	0.03106	21	2.63	7%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.5700	0.08000	1.3714	0.06975	0.03106	21	2.85	7%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.4350	0.25600	1.3714	0.06975	0.03106	21	0.91	2%	1
032.41	Potassium, ICP, Dry ash (%)	0171	2.3650	0.01000	1.3714	0.06975	0.03106	21	14.24	36%	2
032.42	Potassium, ICP, Open vessel (%)	0026	0.95500	0.01000	1.3896	0.06964	0.02542	22	-6.24	16%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.2900	0.06000	1.3896	0.06964	0.02542	22	-1.43	4%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.3200	0.00000	1.3896	0.06964	0.02542	22	-1.00	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.3239	0.00830	1.3896	0.06964	0.02542	22	-0.94	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.3401	0.01260	1.3896	0.06964	0.02542	22	-0.71	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.3450	0.09000	1.3896	0.06964	0.02542	22	-0.64	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.3578	0.00500	1.3896	0.06964	0.02542	22	-0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3640	0.02000	1.3896	0.06964	0.02542	22	-0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.3720	0.00200	1.3896	0.06964	0.02542	22	-0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.3800	0.02000	1.3896	0.06964	0.02542	22	-0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.3850	0.01000	1.3896	0.06964	0.02542	22	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.3850	0.05000	1.3896	0.06964	0.02542	22	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.3850	0.03000	1.3896	0.06964	0.02542	22	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.4040	0.04000	1.3896	0.06964	0.02542	22	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.4050	0.01000	1.3896	0.06964	0.02542	22	0.22	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.4200	0.02000	1.3896	0.06964	0.02542	22	0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.4350	0.01000	1.3896	0.06964	0.02542	22	0.65	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.4365	0.00100	1.3896	0.06964	0.02542	22	0.67	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.4550	0.05000	1.3896	0.06964	0.02542	22	0.94	2%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.5106	0.01030	1.3896	0.06964	0.02542	22	1.74	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.5150	0.03000	1.3896	0.06964	0.02542	22	1.80	5%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.6550	0.07000	1.3896	0.06964	0.02542	22	3.81	10%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.2300	0.00000	1.3517	0.06314	0.02765	26	-1.93	5%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.2600	0.00000	1.3517	0.06314	0.02765	26	-1.45	3%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.2650	0.01000	1.3517	0.06314	0.02765	26	-1.37	3%	0
032.43	Potassium, ICP, Microwave (%)	0013	1.2850	0.11000	1.3517	0.06314	0.02765	26	-1.06	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.2940	0.10000	1.3517	0.06314	0.02765	26	-0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.3050	0.01000	1.3517	0.06314	0.02765	26	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.3100	0.00000	1.3517	0.06314	0.02765	26	-0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.3100	0.04000	1.3517	0.06314	0.02765	26	-0.66	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0861	1.3100	0.10000	1.3517	0.06314	0.02765	26	-0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.3170	0.00800	1.3517	0.06314	0.02765	26	-0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.3325	0.02900	1.3517	0.06314	0.02765	26	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.3495	0.00300	1.3517	0.06314	0.02765	26	-0.03	0%	0
032.43	Potassium, ICP, Microwave (%)	0881	1.3670	0.01400	1.3517	0.06314	0.02765	26	0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3700	0.02000	1.3517	0.06314	0.02765	26	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0034	1.3746	0.06350	1.3517	0.06314	0.02765	26	0.36	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.3750	0.05000	1.3517	0.06314	0.02765	26	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.3800	0.00000	1.3517	0.06314	0.02765	26	0.45	1%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.3850	0.01000	1.3517	0.06314	0.02765	26	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.3850	0.05000	1.3517	0.06314	0.02765	26	0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.3900	0.02000	1.3517	0.06314	0.02765	26	0.61	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.4015	0.04100	1.3517	0.06314	0.02765	26	0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.4050	0.03000	1.3517	0.06314	0.02765	26	0.84	2%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.4137	0.00030	1.3517	0.06314	0.02765	26	0.98	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.4200	0.00000	1.3517	0.06314	0.02765	26	1.08	3%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.4350	0.01000	1.3517	0.06314	0.02765	26	1.32	3%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.5900	0.00000	1.3517	0.06314	0.02765	26	3.77	9%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.2900	0.22000	1.3517	0.06314	0.02765	26	-0.98	2%	1
032.44	Potassium, ICP, Dry ash (%)	0955	1.3650	0.01000				2			0
032.44	Potassium, ICP, Dry ash (%)	2004	1.4550	0.01000				2			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	1.3420	0.01400				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.3296	0.01790				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.3550	0.01000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2055	1.3320	0.00290				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.3950	0.01000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.4800	0.06000				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.3350	0.01000				3			0
032.99	Potassium, Miscellaneous (%)	0590	1.3450	0.01000				3			0
032.99	Potassium, Miscellaneous (%)	0035	1.4800	0.02000				3			0
033.00	Salt as chloride, Sol Cl (%)	0893	1.4100	0.00000	1.5602	0.05809	0.01583	24	-2.59	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.4550	0.03000	1.5602	0.05809	0.01583	24	-1.81	3%	0
033.00	Salt as chloride, Sol Cl (%)	0895	1.4950	0.01000	1.5602	0.05809	0.01583	24	-1.12	2%	0
033.00	Salt as chloride, Sol Cl (%)	2022	1.5045	0.00100	1.5602	0.05809	0.01583	24	-0.96	2%	0
033.00	Salt as chloride, Sol Cl (%)	2093	1.5050	0.01000	1.5602	0.05809	0.01583	24	-0.95	2%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.5097	0.05900	1.5602	0.05809	0.01583	24	-0.87	2%	0
033.00	Salt as chloride, Sol Cl (%)	0903	1.5250	0.01000	1.5602	0.05809	0.01583	24	-0.61	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.5300	0.02000	1.5602	0.05809	0.01583	24	-0.52	1%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.5400	0.02000	1.5602	0.05809	0.01583	24	-0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.5400	0.02000	1.5602	0.05809	0.01583	24	-0.35	1%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.5500	0.02000	1.5602	0.05809	0.01583	24	-0.17	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	
033.00	Salt as chloride, Sol Cl (%)	2062	1.5645	0.01820	1.5602	0.05809	0.01583	24	0.07	0%	0
033.00	Salt as chloride, Sol Cl (%)	0921	1.5650	0.03000	1.5602	0.05809	0.01583	24	0.08	0%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.5750	0.01000	1.5602	0.05809	0.01583	24	0.26	0%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.5800	0.02000	1.5602	0.05809	0.01583	24	0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	0511	1.5800	0.00000	1.5602	0.05809	0.01583	24	0.34	1%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.5826	0.00070	1.5602	0.05809	0.01583	24	0.39	1%	0
033.00	Salt as chloride, Sol Cl (%)	2145	1.6050	0.03000	1.5602	0.05809	0.01583	24	0.77	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	1.6100	0.00000	1.5602	0.05809	0.01583	24	0.86	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.6188	0.00210	1.5602	0.05809	0.01583	24	1.01	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.6200	0.04000	1.5602	0.05809	0.01583	24	1.03	2%	0
033.00	Salt as chloride, Sol Cl (%)	0881	1.6205	0.00900	1.5602	0.05809	0.01583	24	1.04	2%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.6300	0.02000	1.5602	0.05809	0.01583	24	1.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0169	1.6500	0.00000	1.5602	0.05809	0.01583	24	1.55	3%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.7429	0.17700	1.5602	0.05809	0.01583	24	3.15	6%	1
033.01	Salt as chloride, Poten Cl (%)	0619	1.4150	0.03000	1.6194	0.02985	0.01590	28	-6.85	6%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.4200	0.12000	1.6194	0.02985	0.01590	28	-6.68	6%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.5550	0.03000	1.6194	0.02985	0.01590	28	-2.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.5850	0.01000	1.6194	0.02985	0.01590	28	-1.15	1%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.5900	0.00000	1.6194	0.02985	0.01590	28	-0.98	1%	0
033.01	Salt as chloride, Poten Cl (%)	0194	1.5950	0.01000	1.6194	0.02985	0.01590	28	-0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.5950	0.03000	1.6194	0.02985	0.01590	28	-0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.6000	0.00000	1.6194	0.02985	0.01590	28	-0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.6000	0.00000	1.6194	0.02985	0.01590	28	-0.65	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	1.6105	0.00620	1.6194	0.02985	0.01590	28	-0.30	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.6150	0.03000	1.6194	0.02985	0.01590	28	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.6150	0.01000	1.6194	0.02985	0.01590	28	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.6200	0.02000	1.6194	0.02985	0.01590	28	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.6200	0.00000	1.6194	0.02985	0.01590	28	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.6200	0.00400	1.6194	0.02985	0.01590	28	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.6250	0.01000	1.6194	0.02985	0.01590	28	0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.6300	0.02000	1.6194	0.02985	0.01590	28	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.6300	0.02000	1.6194	0.02985	0.01590	28	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.6300	0.00000	1.6194	0.02985	0.01590	28	0.36	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.6355	0.00300	1.6194	0.02985	0.01590	28	0.54	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.6430	0.00200	1.6194	0.02985	0.01590	28	0.79	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.6450	0.01000	1.6194	0.02985	0.01590	28	0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	1.6450	0.01000	1.6194	0.02985	0.01590	28	0.86	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.6500	0.00000	1.6194	0.02985	0.01590	28	1.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.6500	0.04000	1.6194	0.02985	0.01590	28	1.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.6500	0.00000	1.6194	0.02985	0.01590	28	1.03	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.6550	0.01000	1.6194	0.02985	0.01590	28	1.19	1%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0205	1.6900	0.02000	1.6194	0.02985	0.01590	28	2.37	2%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.7500	0.32000	1.6194	0.02985	0.01590	28	4.38	4%	1
033.03	Salt as chloride, Quantab (%)	0505	1.5150	0.01000	1.6190	0.08377	0.05400	5	-1.24	3%	0
033.03	Salt as chloride, Quantab (%)	0144	1.5950	0.13000	1.6190	0.08377	0.05400	5	-0.29	1%	0
033.03	Salt as chloride, Quantab (%)	0190	1.6000	0.08000	1.6190	0.08377	0.05400	5	-0.23	1%	0
033.03	Salt as chloride, Quantab (%)	0726	1.6400	0.00000	1.6190	0.08377	0.05400	5	0.25	1%	0
033.03	Salt as chloride, Quantab (%)	0265	1.7450	0.05000	1.6190	0.08377	0.05400	5	1.50	4%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.5800	0.00000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.6050	0.01000				2			0
033.99	Salt, Miscellaneous (%)	0536	1.2700	0.04000	1.5372	0.14462	0.02286	7	-1.85	9%	0
033.99	Salt, Miscellaneous (%)	0358	1.4400	0.02000	1.5372	0.14462	0.02286	7	-0.67	3%	0
033.99	Salt, Miscellaneous (%)	0910	1.5200	0.00000	1.5372	0.14462	0.02286	7	-0.12	1%	0
033.99	Salt, Miscellaneous (%)	0552	1.5250	0.05000	1.5372	0.14462	0.02286	7	-0.08	0%	0
033.99	Salt, Miscellaneous (%)	2073	1.6300	0.02000	1.5372	0.14462	0.02286	7	0.64	3%	0
033.99	Salt, Miscellaneous (%)	0208	1.6450	0.03000	1.5372	0.14462	0.02286	7	0.75	4%	0
033.99	Salt, Miscellaneous (%)	0682	1.6800	0.00000	1.5372	0.14462	0.02286	7	0.99	5%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.32050	0.05300	1.6571	0.55035	0.04390	7	-2.43	40%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	1.1750	0.11000	1.6571	0.55035	0.04390	7	-0.88	15%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.6650	0.05000	1.6571	0.55035	0.04390	7	0.01	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.7434	0.02430	1.6571	0.55035	0.04390	7	0.16	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	2.0500	0.04000	1.6571	0.55035	0.04390	7	0.71	12%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	2.0500	0.02000	1.6571	0.55035	0.04390	7	0.71	12%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	2.0850	0.01000	1.6571	0.55035	0.04390	7	0.78	13%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	1.7050	0.01000				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.7500	0.28000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.8000	0.20000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.2950	0.01000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	2.3155	0.02100				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.9100	0.06000	2.1400	0.18713	0.04000	4	-1.23	5%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	2.0650	0.03000	2.1400	0.18713	0.04000	4	-0.40	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.2900	0.06000	2.1400	0.18713	0.04000	4	0.80	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	2.2950	0.01000	2.1400	0.18713	0.04000	4	0.83	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.6650	0.33000	2.0310	0.25176	0.17295	4	-1.45	9%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	2.0950	0.02800	2.0310	0.25176	0.17295	4	0.25	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.1250	0.07000	2.0310	0.25176	0.17295	4	0.37	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.2390	0.26380	2.0310	0.25176	0.17295	4	0.83	5%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	2.0900	0.00000				1			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.48000	0.00200				1			0
035.05	Sodium, Flame Emission (%)	0504	0.50000	0.00000	0.53363	0.03827	0.01525	4	-0.88	3%	0
035.05	Sodium, Flame Emission (%)	0003	0.50950	0.01100	0.53363	0.03827	0.01525	4	-0.63	2%	0
035.05	Sodium, Flame Emission (%)	0108	0.54000	0.04000	0.53363	0.03827	0.01525	4	0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.05	Sodium, Flame Emission (%)	0152	0.58500	0.01000	0.53363	0.03827	0.01525	4	1.34	5%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.42500	0.01000	0.48230	0.03936	0.01266	18	-1.46	6%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.43500	0.01000	0.48230	0.03936	0.01266	18	-1.20	5%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.45000	0.00000	0.48230	0.03936	0.01266	18	-0.82	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.45625	0.00650	0.48230	0.03936	0.01266	18	-0.66	3%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.46500	0.01000	0.48230	0.03936	0.01266	18	-0.44	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.46510	0.01940	0.48230	0.03936	0.01266	18	-0.44	2%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.47000	0.00000	0.48230	0.03936	0.01266	18	-0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.47200	0.05400	0.48230	0.03936	0.01266	18	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.47350	0.00700	0.48230	0.03936	0.01266	18	-0.22	1%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.47600	0.00600	0.48230	0.03936	0.01266	18	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.48000	0.00000	0.48230	0.03936	0.01266	18	-0.06	0%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.48150	0.00700	0.48230	0.03936	0.01266	18	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.48550	0.00500	0.48230	0.03936	0.01266	18	0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.50350	0.04300	0.48230	0.03936	0.01266	18	0.54	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.51900	0.01000	0.48230	0.03936	0.01266	18	0.93	4%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.56500	0.01000	0.48230	0.03936	0.01266	18	2.10	9%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.61800	0.00000	0.48230	0.03936	0.01266	18	3.45	14%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.73500	0.03000	0.48230	0.03936	0.01266	18	6.42	26%	0
035.31	Sodium, AAS, Dry ash (%)	0014	0.54450	0.08500	0.48230	0.03936	0.01266	18	1.58	6%	1
035.32	Sodium, AAS, Open vessel (%)	0263	0.48830	0.00140				3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.51000	0.00000				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.54500	0.01000				3			0
035.41	Sodium, ICP, Dry ash (%)	0511	0.22500	0.01000	0.49906	0.03505	0.01092	24	-7.82	27%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.45500	0.01000	0.49906	0.03505	0.01092	24	-1.26	4%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.46000	0.02000	0.49906	0.03505	0.01092	24	-1.11	4%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.47050	0.03500	0.49906	0.03505	0.01092	24	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.47500	0.01000	0.49906	0.03505	0.01092	24	-0.69	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.48000	0.02000	0.49906	0.03505	0.01092	24	-0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.48000	0.00000	0.49906	0.03505	0.01092	24	-0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.48500	0.01000	0.49906	0.03505	0.01092	24	-0.40	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.48700	0.00200	0.49906	0.03505	0.01092	24	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.48725	0.00870	0.49906	0.03505	0.01092	24	-0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.49220	0.00540	0.49906	0.03505	0.01092	24	-0.20	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.49500	0.01000	0.49906	0.03505	0.01092	24	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0955	0.49550	0.01300	0.49906	0.03505	0.01092	24	-0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.50000	0.02000	0.49906	0.03505	0.01092	24	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.50000	0.02000	0.49906	0.03505	0.01092	24	0.03	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.50050	0.01100	0.49906	0.03505	0.01092	24	0.04	0%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.50100	0.01600	0.49906	0.03505	0.01092	24	0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.50500	0.01000	0.49906	0.03505	0.01092	24	0.17	1%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0139	0.51500	0.00400	0.49906	0.03505	0.01092	24	0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.54040	0.00600	0.49906	0.03505	0.01092	24	1.18	4%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.55500	0.01000	0.49906	0.03505	0.01092	24	1.60	6%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.55650	0.00100	0.49906	0.03505	0.01092	24	1.64	6%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.56500	0.01000	0.49906	0.03505	0.01092	24	1.88	7%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.78000	0.00000	0.49906	0.03505	0.01092	24	8.02	28%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.46000	0.02000	0.50379	0.02588	0.01546	16	-1.69	4%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.47400	0.01200	0.50379	0.02588	0.01546	16	-1.15	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.48735	0.00250	0.50379	0.02588	0.01546	16	-0.64	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.48750	0.04300	0.50379	0.02588	0.01546	16	-0.63	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.48815	0.00450	0.50379	0.02588	0.01546	16	-0.60	2%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.49000	0.04000	0.50379	0.02588	0.01546	16	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.49000	0.00600	0.50379	0.02588	0.01546	16	-0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.49460	0.00100	0.50379	0.02588	0.01546	16	-0.35	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.50150	0.00700	0.50379	0.02588	0.01546	16	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.51500	0.01000	0.50379	0.02588	0.01546	16	0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.51500	0.01000	0.50379	0.02588	0.01546	16	0.43	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.52000	0.04000	0.50379	0.02588	0.01546	16	0.63	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.52320	0.00120	0.50379	0.02588	0.01546	16	0.75	2%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.53000	0.00000	0.50379	0.02588	0.01546	16	1.01	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.53670	0.00020	0.50379	0.02588	0.01546	16	1.27	3%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.57500	0.05000	0.50379	0.02588	0.01546	16	2.75	7%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.56500	0.15600	0.50379	0.02588	0.01546	16	2.37	6%	1
035.43	Sodium, ICP, Microwave (%)	0675	0.38500	0.01000	0.48443	0.02253	0.01845	21	-4.41	10%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.45450	0.00100	0.48443	0.02253	0.01845	21	-1.33	3%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.46000	0.04000	0.48443	0.02253	0.01845	21	-1.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.46000	0.02000	0.48443	0.02253	0.01845	21	-1.08	3%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.46500	0.03000	0.48443	0.02253	0.01845	21	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.46500	0.01000	0.48443	0.02253	0.01845	21	-0.86	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.47300	0.02000	0.48443	0.02253	0.01845	21	-0.51	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.48000	0.06000	0.48443	0.02253	0.01845	21	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.48000	0.00000	0.48443	0.02253	0.01845	21	-0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.48150	0.00300	0.48443	0.02253	0.01845	21	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0881	0.48600	0.00200	0.48443	0.02253	0.01845	21	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.48900	0.00600	0.48443	0.02253	0.01845	21	0.20	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.49000	0.00000	0.48443	0.02253	0.01845	21	0.25	1%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.49500	0.01000	0.48443	0.02253	0.01845	21	0.47	1%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.49800	0.04600	0.48443	0.02253	0.01845	21	0.60	1%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.50215	0.01950	0.48443	0.02253	0.01845	21	0.79	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.50500	0.01000	0.48443	0.02253	0.01845	21	0.91	2%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.50500	0.07000	0.48443	0.02253	0.01845	21	0.91	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	
035.43	Sodium, ICP, Microwave (%)	0425	0.50500	0.01000	0.48443	0.02253	0.01845	21	0.91	2%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.51000	0.02000	0.48443	0.02253	0.01845	21	1.13	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.52000	0.00000	0.48443	0.02253	0.01845	21	1.58	4%	0
035.51	Sodium, ICP-MS, Dry ash (%)	2146	0.49400	0.00400				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.49835	0.01030				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.50250	0.01100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.50350	0.03700	0.53055	0.03161	0.02660	4	-0.86	3%	0
035.53	Sodium, ICP-MS, Microwave (%)	2055	0.50970	0.00140	0.53055	0.03161	0.02660	4	-0.66	2%	0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.53600	0.03600	0.53055	0.03161	0.02660	4	0.17	1%	0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.57300	0.03200	0.53055	0.03161	0.02660	4	1.34	4%	0
035.99	Sodium, Miscellaneous (%)	0590	0.49000	0.00000	0.50375	0.01493	0.01750	4	-1.15	1%	0
035.99	Sodium, Miscellaneous (%)	0100	0.50000	0.00000	0.50375	0.01493	0.01750	4	0.58	0%	0
035.99	Sodium, Miscellaneous (%)	2105	0.50000	0.00000	0.50375	0.01493	0.01750	4	0.58	0%	0
035.99	Sodium, Miscellaneous (%)	0035	0.52500	0.07000	0.50375	0.01493	0.01750	4	4.91	3%	0
036.04	Sulfur, LECO (%)	0098	0.23500	0.01000				3			0
036.04	Sulfur, LECO (%)	2053	0.26500	0.01000				3			0
036.04	Sulfur, LECO (%)	0226	0.35000	0.02000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.28500	0.01000	0.29981	0.01554	0.00853	16	-0.95	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.28655	0.01150	0.29981	0.01554	0.00853	16	-0.85	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.28660	0.00020	0.29981	0.01554	0.00853	16	-0.85	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.28775	0.01050	0.29981	0.01554	0.00853	16	-0.78	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28900	0.00000	0.29981	0.01554	0.00853	16	-0.70	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.29000	0.02000	0.29981	0.01554	0.00853	16	-0.63	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.29010	0.00540	0.29981	0.01554	0.00853	16	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.29500	0.01000	0.29981	0.01554	0.00853	16	-0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.29500	0.01000	0.29981	0.01554	0.00853	16	-0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.29600	0.01200	0.29981	0.01554	0.00853	16	-0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.31000	0.00000	0.29981	0.01554	0.00853	16	0.66	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.31200	0.00120	0.29981	0.01554	0.00853	16	0.78	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.31265	0.00470	0.29981	0.01554	0.00853	16	0.83	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.31500	0.03000	0.29981	0.01554	0.00853	16	0.98	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.33350	0.01100	0.29981	0.01554	0.00853	16	2.17	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.35000	0.00000	0.29981	0.01554	0.00853	16	3.23	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.32500	0.07000	0.29981	0.01554	0.00853	16	1.62	4%	1
036.42	Sulfur, ICP, Open vessel (%)	0171	0.61300	0.00600	0.29981	0.01554	0.00853	16	20.15	52%	2
036.43	Sulfur, ICP, Microwave (%)	0035	0.27500	0.01000	0.29323	0.01980	0.01560	10	-0.92	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.27500	0.01000	0.29323	0.01980	0.01560	10	-0.92	3%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.27500	0.03000	0.29323	0.01980	0.01560	10	-0.92	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.28500	0.01000	0.29323	0.01980	0.01560	10	-0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.28500	0.05000	0.29323	0.01980	0.01560	10	-0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.28850	0.00300	0.29323	0.01980	0.01560	10	-0.24	1%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0345	0.30300	0.00200	0.29323	0.01980	0.01560	10	0.49	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.31150	0.00700	0.29323	0.01980	0.01560	10	0.92	3%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31430	0.03400	0.29323	0.01980	0.01560	10	1.06	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.32000	0.00000	0.29323	0.01980	0.01560	10	1.35	5%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.00000	0.00000	0.29323	0.01980	0.01560	10			4
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.28350	0.00100				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.30550	0.00000				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.31850	0.01100				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	99.950	0.40000	3,424.2	220.53	44.391	18	-15.07	49%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	1,625.2	0.00000	3,424.2	220.53	44.391	18	-8.16	26%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	3,120.0	20.000	3,424.2	220.53	44.391	18	-1.38	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	3,221.5	119.00	3,424.2	220.53	44.391	18	-0.92	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	3,318.9	7.5000	3,424.2	220.53	44.391	18	-0.48	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2068	3,377.1	5.7130	3,424.2	220.53	44.391	18	-0.21	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	3,383.5	37.000	3,424.2	220.53	44.391	18	-0.18	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	3,418.8	175.00	3,424.2	220.53	44.391	18	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	3,420.0	40.000	3,424.2	220.53	44.391	18	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	3,437.1	31.600	3,424.2	220.53	44.391	18	0.06	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	3,495.0	20.000	3,424.2	220.53	44.391	18	0.32	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	3,537.0	88.000	3,424.2	220.53	44.391	18	0.51	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	3,550.0	100.00	3,424.2	220.53	44.391	18	0.57	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	3,563.1	16.100	3,424.2	220.53	44.391	18	0.63	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	3,600.0	100.00	3,424.2	220.53	44.391	18	0.80	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	3,605.5	13.000	3,424.2	220.53	44.391	18	0.82	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	3,646.0	17.560	3,424.2	220.53	44.391	18	1.01	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	3,760.4	8.1600	3,424.2	220.53	44.391	18	1.52	5%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	3,486.5	37.000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	3,581.5	69.000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	3,465.0	30.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	3,538.5	15.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	3,588.6	4.5130				3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	1,145.0	10.000	3,544.2	206.52	65.783	21	-11.62	34%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	2,292.0	4.0000	3,544.2	206.52	65.783	21	-6.06	18%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	3,273.6	140.74	3,544.2	206.52	65.783	21	-1.31	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	3,312.5	51.000	3,544.2	206.52	65.783	21	-1.12	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	3,329.0	214.00	3,544.2	206.52	65.783	21	-1.04	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	3,480.5	65.000	3,544.2	206.52	65.783	21	-0.31	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	3,486.9	46.100	3,544.2	206.52	65.783	21	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	3,490.0	40.000	3,544.2	206.52	65.783	21	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	3,515.0	14.000	3,544.2	206.52	65.783	21	-0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	3,523.0	27.030	3,544.2	206.52	65.783	21	-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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	3,553.5	73.000	3,544.2	206.52	65.783	21	0.04	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	3,586.0	30.000	3,544.2	206.52	65.783	21	0.20	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	3,652.0	24.000	3,544.2	206.52	65.783	21	0.52	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	3,659.5	189.00	3,544.2	206.52	65.783	21	0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	3,662.0	28.000	3,544.2	206.52	65.783	21	0.57	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	3,664.3	1.5700	3,544.2	206.52	65.783	21	0.58	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	3,686.5	93.000	3,544.2	206.52	65.783	21	0.69	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	3,729.0	68.000	3,544.2	206.52	65.783	21	0.89	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	3,755.5	137.00	3,544.2	206.52	65.783	21	1.02	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	3,776.5	89.000	3,544.2	206.52	65.783	21	1.12	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	3,824.5	37.000	3,544.2	206.52	65.783	21	1.36	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	245.70	4.2000	3,482.2	267.07	82.602	19	-12.12	46%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	3,000.0	100.00	3,482.2	267.07	82.602	19	-1.81	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	3,230.0	78.000	3,482.2	267.07	82.602	19	-0.94	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	3,258.6	145.20	3,482.2	267.07	82.602	19	-0.84	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	3,342.2	0.87000	3,482.2	267.07	82.602	19	-0.52	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	3,370.0	11.280	3,482.2	267.07	82.602	19	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	3,371.0	83.400	3,482.2	267.07	82.602	19	-0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	3,385.0	230.00	3,482.2	267.07	82.602	19	-0.36	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	3,407.5	193.00	3,482.2	267.07	82.602	19	-0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	3,476.8	48.712	3,482.2	267.07	82.602	19	-0.02	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	3,548.3	65.610	3,482.2	267.07	82.602	19	0.25	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	3,553.0	126.00	3,482.2	267.07	82.602	19	0.27	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	3,584.0	80.000	3,482.2	267.07	82.602	19	0.38	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	3,595.4	83.162	3,482.2	267.07	82.602	19	0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	3,656.0	12.000	3,482.2	267.07	82.602	19	0.65	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	3,710.0	40.000	3,482.2	267.07	82.602	19	0.85	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	3,745.0	2.0000	3,482.2	267.07	82.602	19	0.98	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	3,955.0	258.00	3,482.2	267.07	82.602	19	1.77	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	4,013.0	8.0000	3,482.2	267.07	82.602	19	1.99	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	3,733.0	756.00	3,482.2	267.07	82.602	19	0.94	4%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	5,020.0	760.00	3,482.2	267.07	82.602	19	5.76	22%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	3,005.0	10.000	3,462.3	298.47	93.009	24	-1.53	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	3,020.0	150.00	3,462.3	298.47	93.009	24	-1.48	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	3,165.0	70.000	3,462.3	298.47	93.009	24	-1.00	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	3,194.0	48.000	3,462.3	298.47	93.009	24	-0.90	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	3,200.3	162.10	3,462.3	298.47	93.009	24	-0.88	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	3,245.0	230.00	3,462.3	298.47	93.009	24	-0.73	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	3,268.5	17.000	3,462.3	298.47	93.009	24	-0.65	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	3,320.0	0.00000	3,462.3	298.47	93.009	24	-0.48	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	3,329.0	26.000	3,462.3	298.47	93.009	24	-0.45	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	3,361.9	48.140	3,462.3	298.47	93.009	24	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	3,424.5	91.630	3,462.3	298.47	93.009	24	-0.13	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	3,464.0	110.00	3,462.3	298.47	93.009	24	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	3,480.0	44.000	3,462.3	298.47	93.009	24	0.06	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	3,482.7	27.520	3,462.3	298.47	93.009	24	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	3,523.5	89.000	3,462.3	298.47	93.009	24	0.21	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0013	3,535.0	50.000	3,462.3	298.47	93.009	24	0.24	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	3,536.0	0.00000	3,462.3	298.47	93.009	24	0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	3,574.0	38.000	3,462.3	298.47	93.009	24	0.37	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	3,768.7	131.65	3,462.3	298.47	93.009	24	1.03	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	3,788.0	404.00	3,462.3	298.47	93.009	24	1.09	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	3,793.5	417.00	3,462.3	298.47	93.009	24	1.11	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	3,852.0	43.170	3,462.3	298.47	93.009	24	1.31	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	3,864.0	18.000	3,462.3	298.47	93.009	24	1.35	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	3,890.5	7.0000	3,462.3	298.47	93.009	24	1.43	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	3,462.3	298.47	93.009	24			4
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	3,280.5	69.000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	3,425.0	30.000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	2,964.8	0.00000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	3,468.0	54.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	3,279.0	346.00				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	3,425.0	130.00				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	3,915.0	30.000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	3,453.0	104.00	3,661.9	145.90	139.25	4	-1.43	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	3,682.0	138.00	3,661.9	145.90	139.25	4	0.14	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	3,724.5	57.000	3,661.9	145.90	139.25	4	0.43	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	3,788.0	258.00	3,661.9	145.90	139.25	4	0.86	2%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.90000	0.20000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	1.4650	0.03000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.6112	0.07780	1.9416	0.32204	0.40195	4	-1.03	9%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	1.8100	0.02000	1.9416	0.32204	0.40195	4	-0.41	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.9750	0.93000	1.9416	0.32204	0.40195	4	0.10	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	2.3700	0.58000	1.9416	0.32204	0.40195	4	1.33	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.3815	0.01860	1.5816	0.23820	0.08215	4	-0.84	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.3850	0.13000	1.5816	0.23820	0.08215	4	-0.83	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.7000	0.00000	1.5816	0.23820	0.08215	4	0.50	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.8600	0.18000	1.5816	0.23820	0.08215	4	1.17	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000	1.5816	0.23820	0.08215	4			4
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.4400	0.08000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.5450	0.01000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.4190	0.19200	1.5861	0.18003	0.15045	4	-0.93	5%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	1.4600	0.22000	1.5861	0.18003	0.15045	4	-0.70	4%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	1.6602	0.11980	1.5861	0.18003	0.15045	4	0.41	2%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	1.8050	0.07000	1.5861	0.18003	0.15045	4	1.22	7%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	9.9600	0.96000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.6267	0.93870				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.2350	0.03000				1			0
042.00	Chloride, Titrimetric (%)	0948	0.86000	0.08000				2			0
042.00	Chloride, Titrimetric (%)	0297	1.0700	0.16000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	0.94500	0.03000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	2,042.9	166.30				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,905.0	130.00				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	2,735.0	210.00				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	1,448.0	16.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	112.00	6.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	152.79	5.8100				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	55.750	2.5000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	68.950	0.50000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	17.950	0.50000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	21.700	0.60000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	16.910	3.1200				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	19.300	1.0000				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	5.0500	0.00000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	6.2055	0.98300				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	7.1000	0.22000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	9.4100	0.44000				1			0
106.00	Vitamin A, Color (KU / kg)	0171	47.300	2.4000				2			0
106.00	Vitamin A, Color (KU / kg)	0019	20,955	811.00				2			0
106.01	Vitamin A, UV (KU / kg)	0098	67.000	15.200				1			0
106.02	Vitamin A, LC (KU / kg)	0027	10.392	0.12600	34.755	13.003	2.4538	20	-1.87	35%	0
106.02	Vitamin A, LC (KU / kg)	0675	17.470	1.2400	34.755	13.003	2.4538	20	-1.33	25%	0
106.02	Vitamin A, LC (KU / kg)	0619	20.800	0.00000	34.755	13.003	2.4538	20	-1.07	20%	0
106.02	Vitamin A, LC (KU / kg)	0028	22.867	0.53300	34.755	13.003	2.4538	20	-0.91	17%	0
106.02	Vitamin A, LC (KU / kg)	2068	23.000	0.00000	34.755	13.003	2.4538	20	-0.90	17%	0
106.02	Vitamin A, LC (KU / kg)	2066	25.650	1.1000	34.755	13.003	2.4538	20	-0.70	13%	0
106.02	Vitamin A, LC (KU / kg)	2053	26.350	6.5000	34.755	13.003	2.4538	20	-0.65	12%	0
106.02	Vitamin A, LC (KU / kg)	0676	29.805	10.030	34.755	13.003	2.4538	20	-0.38	7%	0
106.02	Vitamin A, LC (KU / kg)	0208	32.849	3.5270	34.755	13.003	2.4538	20	-0.15	3%	0
106.02	Vitamin A, LC (KU / kg)	0227	38.100	1.6000	34.755	13.003	2.4538	20	0.26	5%	0
106.02	Vitamin A, LC (KU / kg)	0610	38.650	5.1000	34.755	13.003	2.4538	20	0.30	6%	0
106.02	Vitamin A, LC (KU / kg)	0148	39.245	1.6700	34.755	13.003	2.4538	20	0.35	6%	0
106.02	Vitamin A, LC (KU / kg)	0910	39.700	1.2000	34.755	13.003	2.4538	20	0.38	7%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
106.02	Vitamin A, LC (KU / kg)	2004	41.000	2.0000	34.755	13.003	2.4538	20	0.48	9%	0
106.02	Vitamin A, LC (KU / kg)	0941	42.337	0.00000	34.755	13.003	2.4538	20	0.58	11%	0
106.02	Vitamin A, LC (KU / kg)	0004	44.700	5.6400	34.755	13.003	2.4538	20	0.76	14%	0
106.02	Vitamin A, LC (KU / kg)	2103	45.170	6.1200	34.755	13.003	2.4538	20	0.80	15%	0
106.02	Vitamin A, LC (KU / kg)	0563	47.400	0.44000	34.755	13.003	2.4538	20	0.97	18%	0
106.02	Vitamin A, LC (KU / kg)	0169	50.500	1.0000	34.755	13.003	2.4538	20	1.21	23%	0
106.02	Vitamin A, LC (KU / kg)	0905	79.615	1.2500	34.755	13.003	2.4538	20	3.45	65%	0
106.02	Vitamin A, LC (KU / kg)	0861	70.975	35.530	34.755	13.003	2.4538	20	2.79	52%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	93.650	3.3000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	6.5000	1.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	5.0500	0.16000	8.6617	3.1318	2.2967	6	-1.15	21%	0
108.02	Vitamin D3, LC (KU / kg)	0610	7.4500	0.10000	8.6617	3.1318	2.2967	6	-0.39	7%	0
108.02	Vitamin D3, LC (KU / kg)	0861	7.7600	3.0400	8.6617	3.1318	2.2967	6	-0.29	5%	0
108.02	Vitamin D3, LC (KU / kg)	0208	8.0450	4.7100	8.6617	3.1318	2.2967	6	-0.20	4%	0
108.02	Vitamin D3, LC (KU / kg)	0227	10.755	5.6900	8.6617	3.1318	2.2967	6	0.67	12%	0
108.02	Vitamin D3, LC (KU / kg)	0676	12.910	0.08000	8.6617	3.1318	2.2967	6	1.36	25%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	11.600	1.2000				1			0
109.02	Vitamin E, LC (IU/kg)	0619	0.11900	0.00000	188.93	21.069	7.4901	20	-8.96	50%	0
109.02	Vitamin E, LC (IU/kg)	2068	134.00	6.0000	188.93	21.069	7.4901	20	-2.61	15%	0
109.02	Vitamin E, LC (IU/kg)	0208	171.28	1.8220	188.93	21.069	7.4901	20	-0.84	5%	0
109.02	Vitamin E, LC (IU/kg)	0590	172.00	0.00000	188.93	21.069	7.4901	20	-0.80	4%	0
109.02	Vitamin E, LC (IU/kg)	0027	173.94	6.3100	188.93	21.069	7.4901	20	-0.71	4%	0
109.02	Vitamin E, LC (IU/kg)	2103	178.50	1.0000	188.93	21.069	7.4901	20	-0.50	3%	0
109.02	Vitamin E, LC (IU/kg)	0169	180.50	9.0000	188.93	21.069	7.4901	20	-0.40	2%	0
109.02	Vitamin E, LC (IU/kg)	0098	182.50	31.000	188.93	21.069	7.4901	20	-0.31	2%	0
109.02	Vitamin E, LC (IU/kg)	0905	183.50	1.0000	188.93	21.069	7.4901	20	-0.26	1%	0
109.02	Vitamin E, LC (IU/kg)	0610	185.25	23.500	188.93	21.069	7.4901	20	-0.17	1%	0
109.02	Vitamin E, LC (IU/kg)	0941	190.04	0.00000	188.93	21.069	7.4901	20	0.05	0%	0
109.02	Vitamin E, LC (IU/kg)	0910	190.90	3.6000	188.93	21.069	7.4901	20	0.09	1%	0
109.02	Vitamin E, LC (IU/kg)	0676	192.28	1.9900	188.93	21.069	7.4901	20	0.16	1%	0
109.02	Vitamin E, LC (IU/kg)	0955	194.50	15.000	188.93	21.069	7.4901	20	0.26	1%	0
109.02	Vitamin E, LC (IU/kg)	0861	200.00	0.00000	188.93	21.069	7.4901	20	0.53	3%	0
109.02	Vitamin E, LC (IU/kg)	2022	205.00	30.000	188.93	21.069	7.4901	20	0.76	4%	0
109.02	Vitamin E, LC (IU/kg)	0148	206.63	5.6000	188.93	21.069	7.4901	20	0.84	5%	0
109.02	Vitamin E, LC (IU/kg)	0227	216.06	7.8000	188.93	21.069	7.4901	20	1.29	7%	0
109.02	Vitamin E, LC (IU/kg)	0675	241.26	3.1800	188.93	21.069	7.4901	20	2.48	14%	0
109.02	Vitamin E, LC (IU/kg)	0563	246.50	3.0000	188.93	21.069	7.4901	20	2.73	15%	0
109.02	Vitamin E, LC (IU/kg)	2066	3,975.0	170.00	188.93	21.069	7.4901	20	179.70	1002%	2
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	158.50	1.0000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	7.1850	0.03000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	3.4900	0.26000				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	1.7850	0.13000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.98000	0.04000	1.0375	0.02360	0.01771	20	-2.44	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.99000	0.00000	1.0375	0.02360	0.01771	20	-2.01	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.0185	0.00500	1.0375	0.02360	0.01771	20	-0.81	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.0190	0.03000	1.0375	0.02360	0.01771	20	-0.79	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0200	0.02000	1.0375	0.02360	0.01771	20	-0.74	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.0250	0.00000	1.0375	0.02360	0.01771	20	-0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.0300	0.04000	1.0375	0.02360	0.01771	20	-0.32	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.0305	0.00500	1.0375	0.02360	0.01771	20	-0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.0345	0.00300	1.0375	0.02360	0.01771	20	-0.13	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.0350	0.01000	1.0375	0.02360	0.01771	20	-0.11	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.0355	0.01100	1.0375	0.02360	0.01771	20	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.0362	0.04870	1.0375	0.02360	0.01771	20	-0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.0395	0.01500	1.0375	0.02360	0.01771	20	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.0470	0.00200	1.0375	0.02360	0.01771	20	0.40	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.0500	0.00000	1.0375	0.02360	0.01771	20	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0500	0.06000	1.0375	0.02360	0.01771	20	0.53	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.0625	0.02500	1.0375	0.02360	0.01771	20	1.06	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	1.0675	0.00700	1.0375	0.02360	0.01771	20	1.27	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.0840	0.02240	1.0375	0.02360	0.01771	20	1.97	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.1450	0.01000	1.0375	0.02360	0.01771	20	4.55	5%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.0555	0.00500				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.95300	0.05200	0.97488	0.02292	0.03475	4	-0.95	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.96500	0.01000	0.97488	0.02292	0.03475	4	-0.43	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.97500	0.01000	0.97488	0.02292	0.03475	4	0.01	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.0065	0.06700	0.97488	0.02292	0.03475	4	1.38	2%	0
120.99	Alanine, Miscellaneous (%)	0904	1.1100	0.04000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.1660	0.05490	1.2695	0.03802	0.02140	20	-2.72	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.2100	0.02000	1.2695	0.03802	0.02140	20	-1.56	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2414	0.01610	1.2695	0.03802	0.02140	20	-0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.2415	0.04700	1.2695	0.03802	0.02140	20	-0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2455	0.00900	1.2695	0.03802	0.02140	20	-0.63	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2520	0.00800	1.2695	0.03802	0.02140	20	-0.46	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2550	0.01000	1.2695	0.03802	0.02140	20	-0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.2560	0.00800	1.2695	0.03802	0.02140	20	-0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2600	0.06000	1.2695	0.03802	0.02140	20	-0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.2640	0.02000	1.2695	0.03802	0.02140	20	-0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2650	0.03000	1.2695	0.03802	0.02140	20	-0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.2700	0.02000	1.2695	0.03802	0.02140	20	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.2785	0.01500	1.2695	0.03802	0.02140	20	0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2790	0.01200	1.2695	0.03802	0.02140	20	0.25	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.2800	0.00800	1.2695	0.03802	0.02140	20	0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2900	0.00000	1.2695	0.03802	0.02140	20	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3070	0.00400	1.2695	0.03802	0.02140	20	0.99	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3330	0.02600	1.2695	0.03802	0.02140	20	1.67	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	1.3550	0.05000	1.2695	0.03802	0.02140	20	2.25	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.4550	0.01000	1.2695	0.03802	0.02140	20	4.88	7%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.3035	0.01100				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.1400	0.22000	1.2349	0.07739	0.08825	4	-1.23	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.2040	0.01000	1.2349	0.07739	0.08825	4	-0.40	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.2905	0.09300	1.2349	0.07739	0.08825	4	0.72	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.3050	0.03000	1.2349	0.07739	0.08825	4	0.91	3%	0
121.99	Arginine, Miscellaneous (%)	0904	1.3500	0.04000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.8700	0.02000	2.0214	0.05351	0.02358	20	-2.83	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.9450	0.05000	2.0214	0.05351	0.02358	20	-1.43	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.9555	0.01300	2.0214	0.05351	0.02358	20	-1.23	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.9800	0.06800	2.0214	0.05351	0.02358	20	-0.77	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.9845	0.01100	2.0214	0.05351	0.02358	20	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.9950	0.01000	2.0214	0.05351	0.02358	20	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.0025	0.00900	2.0214	0.05351	0.02358	20	-0.35	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.0070	0.00200	2.0214	0.05351	0.02358	20	-0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.0100	0.02000	2.0214	0.05351	0.02358	20	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.0165	0.01100	2.0214	0.05351	0.02358	20	-0.09	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.0248	0.07270	2.0214	0.05351	0.02358	20	0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.0320	0.02000	2.0214	0.05351	0.02358	20	0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.0350	0.01000	2.0214	0.05351	0.02358	20	0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.0405	0.00500	2.0214	0.05351	0.02358	20	0.36	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.0450	0.03000	2.0214	0.05351	0.02358	20	0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.0660	0.01800	2.0214	0.05351	0.02358	20	0.83	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.0685	0.00500	2.0214	0.05351	0.02358	20	0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.0750	0.01000	2.0214	0.05351	0.02358	20	1.00	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	2.1150	0.03000	2.0214	0.05351	0.02358	20	1.75	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.1271	0.05690	2.0214	0.05351	0.02358	20	1.98	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.0675	0.00300				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.9210	0.03800	1.9776	0.04423	0.09075	4	-1.28	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.9650	0.11000	1.9776	0.04423	0.09075	4	-0.29	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.0050	0.05000	1.9776	0.04423	0.09075	4	0.62	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.0195	0.16500	1.9776	0.04423	0.09075	4	0.95	1%	0
122.99	Aspartic, Miscellaneous (%)	0904	1.9950	0.01000				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.25675	0.00770	0.30961	0.01558	0.00560	20	-3.39	9%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0684	0.27500	0.00200	0.30961	0.01558	0.00560	20	-2.22	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.28000	0.00000	0.30961	0.01558	0.00560	20	-1.90	5%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.30150	0.00700	0.30961	0.01558	0.00560	20	-0.52	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.30350	0.00700	0.30961	0.01558	0.00560	20	-0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.30500	0.01000	0.30961	0.01558	0.00560	20	-0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.30600	0.00400	0.30961	0.01558	0.00560	20	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.30600	0.00000	0.30961	0.01558	0.00560	20	-0.23	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.30700	0.00200	0.30961	0.01558	0.00560	20	-0.17	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.31000	0.00000	0.30961	0.01558	0.00560	20	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.31000	0.00200	0.30961	0.01558	0.00560	20	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.31000	0.02000	0.30961	0.01558	0.00560	20	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.31000	0.00000	0.30961	0.01558	0.00560	20	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.31250	0.00420	0.30961	0.01558	0.00560	20	0.19	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.31300	0.00400	0.30961	0.01558	0.00560	20	0.22	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.32150	0.00100	0.30961	0.01558	0.00560	20	0.76	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.32250	0.01300	0.30961	0.01558	0.00560	20	0.83	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.33000	0.02000	0.30961	0.01558	0.00560	20	1.31	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.33200	0.00200	0.30961	0.01558	0.00560	20	1.44	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.33700	0.00600	0.30961	0.01558	0.00560	20	1.76	4%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.32800	0.00400				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.31000	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.36500	0.05000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.39000	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0904	0.29000	0.02000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.1250	0.03000	3.3758	0.10372	0.04597	20	-2.42	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.2550	0.07000	3.3758	0.10372	0.04597	20	-1.16	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.2610	0.02800	3.3758	0.10372	0.04597	20	-1.11	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.2635	0.01500	3.3758	0.10372	0.04597	20	-1.08	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.2940	0.13000	3.3758	0.10372	0.04597	20	-0.79	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.3195	0.01100	3.3758	0.10372	0.04597	20	-0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.3200	0.01600	3.3758	0.10372	0.04597	20	-0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.3550	0.01000	3.3758	0.10372	0.04597	20	-0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.3655	0.00500	3.3758	0.10372	0.04597	20	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	3.3820	0.06200	3.3758	0.10372	0.04597	20	0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3870	0.06200	3.3758	0.10372	0.04597	20	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.3900	0.08000	3.3758	0.10372	0.04597	20	0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.4010	0.00000	3.3758	0.10372	0.04597	20	0.24	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.4150	0.01000	3.3758	0.10372	0.04597	20	0.38	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.4247	0.13550	3.3758	0.10372	0.04597	20	0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4300	0.03000	3.3758	0.10372	0.04597	20	0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.4646	0.01480	3.3758	0.10372	0.04597	20	0.86	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.5050	0.05000	3.3758	0.10372	0.04597	20	1.25	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.6600	0.02000	3.3758	0.10372	0.04597	20	2.74	4%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	3.8400	0.14000	3.3758	0.10372	0.04597	20	4.48	7%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4395	0.00900				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.2355	0.08500	3.3175	0.06198	0.11750	4	-1.32	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.3150	0.11000	3.3175	0.06198	0.11750	4	-0.04	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.3350	0.07000	3.3175	0.06198	0.11750	4	0.28	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.3845	0.20500	3.3175	0.06198	0.11750	4	1.08	1%	0
125.99	Glutamic, Miscellaneous (%)	0904	3.2150	0.15000				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.94500	0.03000	0.99036	0.02397	0.01118	19	-1.89	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.95000	0.00400	0.99036	0.02397	0.01118	19	-1.68	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.96250	0.00300	0.99036	0.02397	0.01118	19	-1.16	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.97000	0.00200	0.99036	0.02397	0.01118	19	-0.85	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.97300	0.00000	0.99036	0.02397	0.01118	19	-0.72	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.97500	0.01000	0.99036	0.02397	0.01118	19	-0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.98000	0.02000	0.99036	0.02397	0.01118	19	-0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.99000	0.00200	0.99036	0.02397	0.01118	19	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.99500	0.01000	0.99036	0.02397	0.01118	19	0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.99600	0.02000	0.99036	0.02397	0.01118	19	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.99720	0.03700	0.99036	0.02397	0.01118	19	0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.99800	0.00600	0.99036	0.02397	0.01118	19	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.99900	0.00400	0.99036	0.02397	0.01118	19	0.36	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.0040	0.01000	0.99036	0.02397	0.01118	19	0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.0050	0.00600	0.99036	0.02397	0.01118	19	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.0050	0.01000	0.99036	0.02397	0.01118	19	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.0057	0.02850	0.99036	0.02397	0.01118	19	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.0700	0.00000	0.99036	0.02397	0.01118	19	3.32	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.0950	0.01000	0.99036	0.02397	0.01118	19	4.37	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.0250	0.07000	0.99036	0.02397	0.01118	19	1.45	2%	1
126.02	Glycine, Post-col OPA Der (%)	0098	0.99000	0.00600				1			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.93000	0.06000	0.99038	0.05024	0.04375	4	-1.20	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.98850	0.00300	0.99038	0.05024	0.04375	4	-0.04	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.99000	0.02000	0.99038	0.05024	0.04375	4	-0.01	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.0530	0.09200	0.99038	0.05024	0.04375	4	1.25	3%	0
126.99	Glycine, Miscellaneous (%)	0904	0.98000	0.04000				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.46200	0.00600	0.49367	0.01890	0.00767	18	-1.68	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.46770	0.01520	0.49367	0.01890	0.00767	18	-1.37	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.47800	0.00400	0.49367	0.01890	0.00767	18	-0.83	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.48000	0.00000	0.49367	0.01890	0.00767	18	-0.72	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.48450	0.00500	0.49367	0.01890	0.00767	18	-0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.48500	0.01000	0.49367	0.01890	0.00767	18	-0.46	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.48850	0.00500	0.49367	0.01890	0.00767	18	-0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.49000	0.00000	0.49367	0.01890	0.00767	18	-0.19	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.49350	0.00500	0.49367	0.01890	0.00767	18	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.49500	0.01000	0.49367	0.01890	0.00767	18	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.49500	0.01000	0.49367	0.01890	0.00767	18	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.49500	0.03000	0.49367	0.01890	0.00767	18	0.07	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.49550	0.00300	0.49367	0.01890	0.00767	18	0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.50300	0.00400	0.49367	0.01890	0.00767	18	0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.50395	0.00690	0.49367	0.01890	0.00767	18	0.54	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.53400	0.01600	0.49367	0.01890	0.00767	18	2.13	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.58550	0.00100	0.49367	0.01890	0.00767	18	4.86	9%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.59750	0.00700	0.49367	0.01890	0.00767	18	5.49	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.46950	0.05100	0.49367	0.01890	0.00767	18	-1.28	2%	1
127.02	Histidine, Post-col OPA Der (%)	0098	0.47950	0.00100				1			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.42000	0.06000	0.46950	0.03480	0.02450	4	-1.42	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.47300	0.00200	0.46950	0.03480	0.02450	4	0.10	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.48500	0.01000	0.46950	0.03480	0.02450	4	0.45	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.50000	0.02600	0.46950	0.03480	0.02450	4	0.88	3%	0
127.99	Histidine, Miscellaneous (%)	0904	0.51000	0.02000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.77520	0.00360	0.86396	0.04585	0.01114	19	-1.94	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.79750	0.00100	0.86396	0.04585	0.01114	19	-1.45	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.82000	0.02000	0.86396	0.04585	0.01114	19	-0.96	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.82050	0.00500	0.86396	0.04585	0.01114	19	-0.95	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.82655	0.00010	0.86396	0.04585	0.01114	19	-0.82	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.84000	0.00000	0.86396	0.04585	0.01114	19	-0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.85000	0.00000	0.86396	0.04585	0.01114	19	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	0.85250	0.01300	0.86396	0.04585	0.01114	19	-0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.86250	0.00500	0.86396	0.04585	0.01114	19	-0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.87200	0.03000	0.86396	0.04585	0.01114	19	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.87550	0.02700	0.86396	0.04585	0.01114	19	0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.87800	0.01000	0.86396	0.04585	0.01114	19	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.88000	0.02000	0.86396	0.04585	0.01114	19	0.35	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.88400	0.00600	0.86396	0.04585	0.01114	19	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.89500	0.01000	0.86396	0.04585	0.01114	19	0.68	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.89550	0.02100	0.86396	0.04585	0.01114	19	0.69	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.90500	0.03000	0.86396	0.04585	0.01114	19	0.90	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.94500	0.01000	0.86396	0.04585	0.01114	19	1.77	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	1.0300	0.00000	0.86396	0.04585	0.01114	19	3.62	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.70350	0.07100	0.86396	0.04585	0.01114	19	-3.50	9%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.88500	0.00600				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.70500	0.03000	0.80463	0.07258	0.03175	4	-1.37	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.80350	0.06100	0.80463	0.07258	0.03175	4	-0.02	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.83500	0.00600	0.80463	0.07258	0.03175	4	0.42	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.87500	0.03000	0.80463	0.07258	0.03175	4	0.97	4%	0
128.99	Isoleucine, Miscellaneous (%)	0904	0.91500	0.01000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.3720	0.03400	1.5497	0.05305	0.01599	20	-3.35	6%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.4650	0.05000	1.5497	0.05305	0.01599	20	-1.60	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.4719	0.03530	1.5497	0.05305	0.01599	20	-1.47	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	1.5170	0.03200	1.5497	0.05305	0.01599	20	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.5205	0.00500	1.5497	0.05305	0.01599	20	-0.55	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.5380	0.00400	1.5497	0.05305	0.01599	20	-0.22	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.5400	0.02000	1.5497	0.05305	0.01599	20	-0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.5410	0.01000	1.5497	0.05305	0.01599	20	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.5410	0.01200	1.5497	0.05305	0.01599	20	-0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.5435	0.00500	1.5497	0.05305	0.01599	20	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.5490	0.00600	1.5497	0.05305	0.01599	20	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.5500	0.00000	1.5497	0.05305	0.01599	20	0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.5550	0.01000	1.5497	0.05305	0.01599	20	0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.5700	0.02000	1.5497	0.05305	0.01599	20	0.38	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.5710	0.01400	1.5497	0.05305	0.01599	20	0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.5815	0.00300	1.5497	0.05305	0.01599	20	0.60	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.5900	0.02000	1.5497	0.05305	0.01599	20	0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.6203	0.00940	1.5497	0.05305	0.01599	20	1.33	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.6250	0.01000	1.5497	0.05305	0.01599	20	1.42	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	1.7200	0.02000	1.5497	0.05305	0.01599	20	3.21	5%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.5735	0.00300				1			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.4800	0.00000	1.5278	0.04911	0.03050	4	-0.97	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.5070	0.01200	1.5278	0.04911	0.03050	4	-0.42	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.5290	0.08000	1.5278	0.04911	0.03050	4	0.03	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.5950	0.03000	1.5278	0.04911	0.03050	4	1.37	2%	0
129.99	Leucine, Miscellaneous (%)	0904	1.6100	0.02000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.1900	0.06000	1.4378	0.04796	0.02080	22	-5.17	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.3200	0.02000	1.4378	0.04796	0.02080	22	-2.46	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.3850	0.03000	1.4378	0.04796	0.02080	22	-1.10	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.4010	0.01600	1.4378	0.04796	0.02080	22	-0.77	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.4115	0.00500	1.4378	0.04796	0.02080	22	-0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.4150	0.01000	1.4378	0.04796	0.02080	22	-0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0160	1.4200	0.00000	1.4378	0.04796	0.02080	22	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.4200	0.02000	1.4378	0.04796	0.02080	22	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.4220	0.00200	1.4378	0.04796	0.02080	22	-0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.4235	0.06700	1.4378	0.04796	0.02080	22	-0.30	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.4255	0.00300	1.4378	0.04796	0.02080	22	-0.26	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.4300	0.02000	1.4378	0.04796	0.02080	22	-0.16	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.4330	0.01000	1.4378	0.04796	0.02080	22	-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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.4480	0.00600	1.4378	0.04796	0.02080	22	0.21	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.4560	0.00200	1.4378	0.04796	0.02080	22	0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.4600	0.00200	1.4378	0.04796	0.02080	22	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.4650	0.07000	1.4378	0.04796	0.02080	22	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.4676	0.00080	1.4378	0.04796	0.02080	22	0.62	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.4874	0.02190	1.4378	0.04796	0.02080	22	1.03	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.5150	0.07000	1.4378	0.04796	0.02080	22	1.61	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.6050	0.01000	1.4378	0.04796	0.02080	22	3.49	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.6590	0.01200	1.4378	0.04796	0.02080	22	4.61	8%	0
130.01	L-Lysine, Pre-col OPA Der (%)	2145	1.2150	0.03000				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.5145	0.02100				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.3600	0.06000	1.4129	0.03687	0.06660	5	-1.43	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	1.4000	0.16000	1.4129	0.03687	0.06660	5	-0.35	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.4160	0.07200	1.4129	0.03687	0.06660	5	0.08	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.4285	0.02100	1.4129	0.03687	0.06660	5	0.42	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.4600	0.02000	1.4129	0.03687	0.06660	5	1.28	2%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.3450	0.01000				2			0
130.99	L-Lysine, Miscellaneous (%)	0904	1.4750	0.09000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.35600	0.00600	0.39046	0.01733	0.00792	20	-1.99	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.37000	0.00000	0.39046	0.01733	0.00792	20	-1.18	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.37100	0.00800	0.39046	0.01733	0.00792	20	-1.12	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.37100	0.00800	0.39046	0.01733	0.00792	20	-1.12	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.37500	0.01000	0.39046	0.01733	0.00792	20	-0.89	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.38200	0.00400	0.39046	0.01733	0.00792	20	-0.49	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.38275	0.00070	0.39046	0.01733	0.00792	20	-0.44	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.38650	0.01700	0.39046	0.01733	0.00792	20	-0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.38750	0.00500	0.39046	0.01733	0.00792	20	-0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.39050	0.01300	0.39046	0.01733	0.00792	20	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.39050	0.00700	0.39046	0.01733	0.00792	20	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.39100	0.00200	0.39046	0.01733	0.00792	20	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.39650	0.00500	0.39046	0.01733	0.00792	20	0.35	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.40000	0.00000	0.39046	0.01733	0.00792	20	0.55	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.40300	0.00200	0.39046	0.01733	0.00792	20	0.72	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.40500	0.01000	0.39046	0.01733	0.00792	20	0.84	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.40500	0.01000	0.39046	0.01733	0.00792	20	0.84	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.40945	0.02570	0.39046	0.01733	0.00792	20	1.10	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.41150	0.00500	0.39046	0.01733	0.00792	20	1.21	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.42000	0.02000	0.39046	0.01733	0.00792	20	1.71	4%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2145	0.42000	0.00000				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.37300	0.00400				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.32500	0.01000	0.36200	0.03416	0.01650	4	-1.08	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	
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.34750	0.00700	0.36200	0.03416	0.01650	4	-0.42	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.37050	0.03900	0.36200	0.03416	0.01650	4	0.25	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.40500	0.01000	0.36200	0.03416	0.01650	4	1.26	6%	0
131.99	Methionine, Miscellaneous (%)	2053	0.32750	0.03700				2			0
131.99	Methionine, Miscellaneous (%)	0904	0.36500	0.01000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.86000	0.02800	0.95545	0.04629	0.01555	20	-2.06	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.89000	0.02000	0.95545	0.04629	0.01555	20	-1.41	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.89450	0.03100	0.95545	0.04629	0.01555	20	-1.32	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.92500	0.03000	0.95545	0.04629	0.01555	20	-0.66	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.92550	0.00900	0.95545	0.04629	0.01555	20	-0.65	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.92860	0.03800	0.95545	0.04629	0.01555	20	-0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.93750	0.00300	0.95545	0.04629	0.01555	20	-0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.94500	0.01000	0.95545	0.04629	0.01555	20	-0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.94500	0.01000	0.95545	0.04629	0.01555	20	-0.23	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.94950	0.00300	0.95545	0.04629	0.01555	20	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.95350	0.00700	0.95545	0.04629	0.01555	20	-0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.96000	0.00000	0.95545	0.04629	0.01555	20	0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.97350	0.00300	0.95545	0.04629	0.01555	20	0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.97850	0.00300	0.95545	0.04629	0.01555	20	0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.98500	0.00800	0.95545	0.04629	0.01555	20	0.64	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.99000	0.01600	0.95545	0.04629	0.01555	20	0.75	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.99200	0.02200	0.95545	0.04629	0.01555	20	0.79	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.0050	0.05000	0.95545	0.04629	0.01555	20	1.07	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	1.0200	0.02000	0.95545	0.04629	0.01555	20	1.39	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.0400	0.00000	0.95545	0.04629	0.01555	20	1.83	4%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.94300	0.00000				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.87500	0.07000	0.92438	0.04593	0.04125	4	-1.07	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.91000	0.01400	0.92438	0.04593	0.04125	4	-0.31	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.92750	0.05100	0.92438	0.04593	0.04125	4	0.07	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.98500	0.03000	0.92438	0.04593	0.04125	4	1.32	3%	0
132.99	Phenylalanine, Miscellaneous (%)	0904	0.89000	0.00000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.0000	0.02000	1.0651	0.05105	0.01700	19	-1.28	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0050	0.03000	1.0651	0.05105	0.01700	19	-1.18	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.0200	0.04000	1.0651	0.05105	0.01700	19	-0.88	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.0255	0.01100	1.0651	0.05105	0.01700	19	-0.78	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.0270	0.01200	1.0651	0.05105	0.01700	19	-0.75	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0340	0.01000	1.0651	0.05105	0.01700	19	-0.61	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.0380	0.00800	1.0651	0.05105	0.01700	19	-0.53	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.0405	0.00700	1.0651	0.05105	0.01700	19	-0.48	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.0494	0.01600	1.0651	0.05105	0.01700	19	-0.31	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.0600	0.04000	1.0651	0.05105	0.01700	19	-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	
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.0635	0.01100	1.0651	0.05105	0.01700	19	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.0665	0.00700	1.0651	0.05105	0.01700	19	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.0870	0.00800	1.0651	0.05105	0.01700	19	0.43	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.0915	0.01500	1.0651	0.05105	0.01700	19	0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.0970	0.00400	1.0651	0.05105	0.01700	19	0.62	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.1200	0.02000	1.0651	0.05105	0.01700	19	1.08	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.1300	0.02000	1.0651	0.05105	0.01700	19	1.27	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.1406	0.01400	1.0651	0.05105	0.01700	19	1.48	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.4250	0.03000	1.0651	0.05105	0.01700	19	7.05	17%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.1750	0.09000	1.0651	0.05105	0.01700	19	2.15	5%	1
133.05	Proline, Pre-col AQC Der (%)	0148	1.0300	0.04000	1.0706	0.04828	0.03175	4	-0.84	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.0520	0.02600	1.0706	0.04828	0.03175	4	-0.39	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.0600	0.00000	1.0706	0.04828	0.03175	4	-0.22	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.1405	0.06100	1.0706	0.04828	0.03175	4	1.45	3%	0
133.99	Proline, Miscellaneous (%)	0904	1.0600	0.06000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.85500	0.01000	0.99382	0.03498	0.01241	20	-3.97	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.93900	0.00400	0.99382	0.03498	0.01241	20	-1.57	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.94500	0.05000	0.99382	0.03498	0.01241	20	-1.40	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.95900	0.00400	0.99382	0.03498	0.01241	20	-1.00	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	0.96750	0.00100	0.99382	0.03498	0.01241	20	-0.75	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.97500	0.03000	0.99382	0.03498	0.01241	20	-0.54	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	0.98950	0.00500	0.99382	0.03498	0.01241	20	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.99000	0.00000	0.99382	0.03498	0.01241	20	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.99000	0.01400	0.99382	0.03498	0.01241	20	-0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.99500	0.01000	0.99382	0.03498	0.01241	20	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.99500	0.00800	0.99382	0.03498	0.01241	20	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.0095	0.00500	0.99382	0.03498	0.01241	20	0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.0100	0.02000	0.99382	0.03498	0.01241	20	0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.0105	0.00100	0.99382	0.03498	0.01241	20	0.48	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.0150	0.01000	0.99382	0.03498	0.01241	20	0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.0160	0.00600	0.99382	0.03498	0.01241	20	0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.0170	0.00910	0.99382	0.03498	0.01241	20	0.66	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.0307	0.05500	0.99382	0.03498	0.01241	20	1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.0330	0.00200	0.99382	0.03498	0.01241	20	1.12	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.0460	0.00400	0.99382	0.03498	0.01241	20	1.49	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.92300	0.00400				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.97100	0.02400	1.0059	0.03309	0.02675	4	-1.05	2%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.98500	0.03000	1.0059	0.03309	0.02675	4	-0.63	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.0275	0.03300	1.0059	0.03309	0.02675	4	0.65	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.0400	0.02000	1.0059	0.03309	0.02675	4	1.03	2%	0
134.99	Serine, Miscellaneous (%)	0904	1.0800	0.00000				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			
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.81000	0.04000	0.85530	0.01798	0.01220	20	-2.52	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.83250	0.00100	0.85530	0.01798	0.01220	20	-1.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.84000	0.02000	0.85530	0.01798	0.01220	20	-0.85	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.84150	0.00100	0.85530	0.01798	0.01220	20	-0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.84300	0.00000	0.85530	0.01798	0.01220	20	-0.68	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.84400	0.00400	0.85530	0.01798	0.01220	20	-0.63	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.84450	0.00900	0.85530	0.01798	0.01220	20	-0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.84450	0.00700	0.85530	0.01798	0.01220	20	-0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.84950	0.03300	0.85530	0.01798	0.01220	20	-0.32	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.85350	0.02500	0.85530	0.01798	0.01220	20	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.85500	0.01000	0.85530	0.01798	0.01220	20	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.86000	0.00600	0.85530	0.01798	0.01220	20	0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.86000	0.00000	0.85530	0.01798	0.01220	20	0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.86200	0.00600	0.85530	0.01798	0.01220	20	0.37	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.86500	0.01000	0.85530	0.01798	0.01220	20	0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.87110	0.04880	0.85530	0.01798	0.01220	20	0.88	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.87200	0.00800	0.85530	0.01798	0.01220	20	0.93	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.87500	0.01000	0.85530	0.01798	0.01220	20	1.10	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.89600	0.00400	0.85530	0.01798	0.01220	20	2.26	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.90305	0.00110	0.85530	0.01798	0.01220	20	2.66	3%	0
135.01	Threonine, Pre-col OPA Der (%)	2145	0.63000	0.02000				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	0.87550	0.01500				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.79900	0.01400	0.83450	0.02811	0.02350	4	-1.26	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.82500	0.03000	0.83450	0.02811	0.02350	4	-0.34	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.85500	0.01000	0.83450	0.02811	0.02350	4	0.73	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.85900	0.04000	0.83450	0.02811	0.02350	4	0.87	1%	0
135.99	Threonine, Miscellaneous (%)	0160	0.68000	0.00000				2			0
135.99	Threonine, Miscellaneous (%)	0904	0.84000	0.00000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.20370	0.00600	0.23087	0.02516	0.00978	5	-1.08	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.21600	0.01000	0.23087	0.02516	0.00978	5	-0.59	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.22800	0.00200	0.23087	0.02516	0.00978	5	-0.11	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.23665	0.01090	0.23087	0.02516	0.00978	5	0.23	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.27000	0.02000	0.23087	0.02516	0.00978	5	1.56	8%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.23100	0.00200				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.23450	0.00500				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.25850	0.00100				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.24000	0.01200				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.17000	0.00200	0.21463	0.03676	0.00175	4	-1.21	10%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.19900	0.00200	0.21463	0.03676	0.00175	4	-0.43	4%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24350	0.00100	0.21463	0.03676	0.00175	4	0.79	7%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.24600	0.00200	0.21463	0.03676	0.00175	4	0.85	7%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.99	Tryptophan, Miscellaneous (%)	0904	0.22000	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.25000	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.26500	0.01000				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.38625	0.01290	0.61948	0.06318	0.02287	14	-3.69	19%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.47000	0.08000	0.61948	0.06318	0.02287	14	-2.37	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.56450	0.02900	0.61948	0.06318	0.02287	14	-0.87	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.59000	0.08000	0.61948	0.06318	0.02287	14	-0.47	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.60000	0.00000	0.61948	0.06318	0.02287	14	-0.31	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.61800	0.00400	0.61948	0.06318	0.02287	14	-0.02	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.62500	0.01000	0.61948	0.06318	0.02287	14	0.09	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.62575	0.01230	0.61948	0.06318	0.02287	14	0.10	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.63900	0.00600	0.61948	0.06318	0.02287	14	0.31	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.64050	0.01100	0.61948	0.06318	0.02287	14	0.33	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.64650	0.01100	0.61948	0.06318	0.02287	14	0.43	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.66550	0.00700	0.61948	0.06318	0.02287	14	0.73	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.70350	0.00700	0.61948	0.06318	0.02287	14	1.33	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.70500	0.05000	0.61948	0.06318	0.02287	14	1.35	7%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.71600	0.01600				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.57200	0.04000	0.64838	0.08491	0.02975	4	-0.90	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.58500	0.05000	0.64838	0.08491	0.02975	4	-0.75	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.68650	0.02900	0.64838	0.08491	0.02975	4	0.45	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.75000	0.00000	0.64838	0.08491	0.02975	4	1.20	8%	0
137.99	Tyrosine, Miscellaneous (%)	0904	0.71000	0.04000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.91000	0.04000	0.97674	0.04727	0.02332	20	-1.41	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.91250	0.00500	0.97674	0.04727	0.02332	20	-1.36	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.91850	0.00900	0.97674	0.04727	0.02332	20	-1.23	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.93120	0.03080	0.97674	0.04727	0.02332	20	-0.96	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.93750	0.07900	0.97674	0.04727	0.02332	20	-0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.94000	0.02000	0.97674	0.04727	0.02332	20	-0.78	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.94900	0.01360	0.97674	0.04727	0.02332	20	-0.59	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.95300	0.01800	0.97674	0.04727	0.02332	20	-0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.98100	0.00600	0.97674	0.04727	0.02332	20	0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.98400	0.00200	0.97674	0.04727	0.02332	20	0.15	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.98500	0.01000	0.97674	0.04727	0.02332	20	0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	1.0015	0.02300	0.97674	0.04727	0.02332	20	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.0040	0.02600	0.97674	0.04727	0.02332	20	0.58	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.0080	0.01600	0.97674	0.04727	0.02332	20	0.66	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.0100	0.00200	0.97674	0.04727	0.02332	20	0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.0100	0.06000	0.97674	0.04727	0.02332	20	0.70	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.0120	0.03600	0.97674	0.04727	0.02332	20	0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.0150	0.03000	0.97674	0.04727	0.02332	20	0.81	2%	0

Test Material Code # 201725

Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.0250	0.01000	0.97674	0.04727	0.02332	20	1.02	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.1950	0.03000	0.97674	0.04727	0.02332	20	4.62	11%	0
138.02	Valine, Post-col OPA Der (%)	0098	1.0330	0.00200				1			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.86500	0.01000	0.93438	0.05758	0.03425	4	-1.20	4%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.91600	0.04400	0.93438	0.05758	0.03425	4	-0.32	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.95650	0.06300	0.93438	0.05758	0.03425	4	0.38	1%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.0000	0.02000	0.93438	0.05758	0.03425	4	1.14	4%	0
138.99	Valine, Miscellaneous (%)	0904	0.99500	0.01000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0227	0.03000	0.00000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0171	0.03100	0.00200				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.03350	0.00500				1			0
139.05	Taurine, Pre-col AQC Der (%)	0148	0.02000	0.00000				1			0
150.00	Phytase, Colorimetric (Units / kg)	0610	1,527.5	185.00				3			0
150.00	Phytase, Colorimetric (Units / kg)	0171	1,900.0	200.00				3			0
150.00	Phytase, Colorimetric (Units / kg)	0619	2,062.0	0.00000				3			0
150.99	Phytase, Miscellaneous (Units / kg)	2068	1,285.0	10.000				2			0
150.99	Phytase, Miscellaneous (Units / kg)	0904	1,700.0	140.00				2			0
160.99	Fructose, Miscellaneous (%)	0619	0.34300	0.00600	0.58960	0.28422	0.13520	5	-0.94	14%	0
160.99	Fructose, Miscellaneous (%)	0227	0.38500	0.03000	0.58960	0.28422	0.13520	5	-0.64	9%	0
160.99	Fructose, Miscellaneous (%)	0904	0.52000	0.04000	0.58960	0.28422	0.13520	5	0.33	5%	0
160.99	Fructose, Miscellaneous (%)	0861	0.65000	0.10000	0.58960	0.28422	0.13520	5	1.26	18%	0
160.99	Fructose, Miscellaneous (%)	0910	1.0500	0.50000	0.58960	0.28422	0.13520	5	4.13	61%	0
161.99	Galactose, Miscellaneous (%)	0904	0.16500	0.01000				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.51000	0.00000	0.85830	0.48288	0.21940	5	-1.10	11%	0
162.99	Glucose, Miscellaneous (%)	0619	0.59150	0.01700	0.85830	0.48288	0.21940	5	-0.45	4%	0
162.99	Glucose, Miscellaneous (%)	0904	0.69000	0.08000	0.85830	0.48288	0.21940	5	0.34	3%	0
162.99	Glucose, Miscellaneous (%)	0861	0.80000	0.20000	0.85830	0.48288	0.21940	5	1.21	12%	0
162.99	Glucose, Miscellaneous (%)	0910	1.7000	0.80000	0.85830	0.48288	0.21940	5	8.40	81%	0
163.99	Lactose, Miscellaneous (%)	0861	15.100	0.40000	16.711	1.4572	0.23240	10	-1.11	5%	0
163.99	Lactose, Miscellaneous (%)	0910	15.500	0.20000	16.711	1.4572	0.23240	10	-0.83	4%	0
163.99	Lactose, Miscellaneous (%)	0148	15.575	0.03000	16.711	1.4572	0.23240	10	-0.78	3%	0
163.99	Lactose, Miscellaneous (%)	0619	16.100	0.00000	16.711	1.4572	0.23240	10	-0.42	2%	0
163.99	Lactose, Miscellaneous (%)	0027	16.340	0.27400	16.711	1.4572	0.23240	10	-0.25	1%	0
163.99	Lactose, Miscellaneous (%)	0629	16.375	0.25000	16.711	1.4572	0.23240	10	-0.23	1%	0
163.99	Lactose, Miscellaneous (%)	0227	17.045	0.93000	16.711	1.4572	0.23240	10	0.23	1%	0
163.99	Lactose, Miscellaneous (%)	0904	17.780	0.04000	16.711	1.4572	0.23240	10	0.73	3%	0
163.99	Lactose, Miscellaneous (%)	0689	18.400	0.00000	16.711	1.4572	0.23240	10	1.16	5%	0
163.99	Lactose, Miscellaneous (%)	2129	19.200	0.20000	16.711	1.4572	0.23240	10	1.71	7%	0
164.99	Maltose, Miscellaneous (%)	0227	0.57500	0.27000				3			0
164.99	Maltose, Miscellaneous (%)	0904	2.5850	0.21000				3			0
164.99	Maltose, Miscellaneous (%)	0910	3.7500	0.30000				3			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				3			4
165.99	Sucrose, Miscellaneous (%)	0910	3.6500	0.50000	4.1025	0.39972	0.24000	4	-1.13	6%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.8850	0.21000	4.1025	0.39972	0.24000	4	-0.54	3%	0
165.99	Sucrose, Miscellaneous (%)	0861	4.4000	0.20000	4.1025	0.39972	0.24000	4	0.74	4%	0
165.99	Sucrose, Miscellaneous (%)	0619	4.4750	0.05000	4.1025	0.39972	0.24000	4	0.93	5%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.17500	0.01000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.24500	0.01000				2			0
167.99	Stachyose, Miscellaneous (%)	0227	0.79500	0.01000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	1.2250	0.05000				2			0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	2149	0.80000	0.00000				2			0
350.01	Carbadox, LC (UV or FL) (mg/kg (ppm))	0047	1.5500	0.70000				2			0
350.02	Carbadox, LC-MS (mg/kg (ppm))	2053	0.22500	0.17000				1			0
350.03	Carbadox, LC-MS/MS (mg/kg (ppm))	2135	1,010.2	18.800				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2135	839.30	136.60				1			0
357.99	Ethoxyquin, Miscellaneous (mg/kg (ppm))	0942	50.500	1.0000				1			0
373.00	Oxytetracycline, Plate (mg/kg (ppm))	0027	313.91	11.313	369.15	57.664	31.018	4	-0.96	7%	0
373.00	Oxytetracycline, Plate (mg/kg (ppm))	0964	332.75	31.300	369.15	57.664	31.018	4	-0.63	5%	0
373.00	Oxytetracycline, Plate (mg/kg (ppm))	0511	388.50	61.000	369.15	57.664	31.018	4	0.34	3%	0
373.00	Oxytetracycline, Plate (mg/kg (ppm))	0035	441.43	20.460	369.15	57.664	31.018	4	1.25	10%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0036	306.90	10.000	365.02	55.504	18.613	6	-1.05	8%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0218	321.33	8.8770	365.02	55.504	18.613	6	-0.79	6%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0910	362.00	20.000	365.02	55.504	18.613	6	-0.05	0%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0917	369.00	56.000	365.02	55.504	18.613	6	0.07	1%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0689	387.30	0.00000	365.02	55.504	18.613	6	0.40	3%	0
373.03	Oxytetracycline, LC (mg/kg (ppm))	0904	443.57	16.800	365.02	55.504	18.613	6	1.42	11%	0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0047	262.00	22.000	298.88	27.418	8.2500	4	-1.34	6%	0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0001	297.50	5.0000	298.88	27.418	8.2500	4	-0.05	0%	0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0033	309.00	4.0000	298.88	27.418	8.2500	4	0.37	2%	0
373.04	Oxytetracycline, LC, AOAC (mg/kg (ppm))	0013	327.00	2.0000	298.88	27.418	8.2500	4	1.03	5%	0
373.05	Oxytetracycline, LC-MS (mg/kg (ppm))	2145	292.70	24.000				2			0
373.05	Oxytetracycline, LC-MS (mg/kg (ppm))	2053	350.00	8.0000				2			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	2127	266.00	100.00				2			0
373.06	Oxytetracycline, LC-MS/MS (mg/kg (ppm))	0028	408.05	22.100				2			0
377.02	Pyrantel Tartrate, LC-MS (mg/kg (ppm))	2053	2.2500	0.10000				1			0
386.01	Tiamulin, LC-MS (mg/kg (ppm))	2053	0.55000	0.04000				1			0
386.02	Tiamulin, LC-MS/MS (mg/kg (ppm))	0875	0.32000	0.00000				1			0
393.02	Ractopamine Hydrochloride, LC-MS/MS (mg/kg (ppm))	2145	135.00	6.0000				2			0
393.02	Ractopamine Hydrochloride, LC-MS/MS (mg/kg (ppm))	0875	271.50	23.000				2			0
393.99	Ractopamine Hydrochloride, Miscellaneous (mg/kg (ppm))	2149	0.15665	0.01930				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.59205	0.00010	0.60236	0.00892	0.00153	7	-1.16	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.59495	0.00110	0.60236	0.00892	0.00153	7	-0.83	1%	0

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Method Proficiency Testing Report

Issue Date : 06/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.59550	0.00300	0.60236	0.00892	0.00153	7	-0.77	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0010	0.60650	0.00100	0.60236	0.00892	0.00153	7	0.46	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.60800	0.00200	0.60236	0.00892	0.00153	7	0.63	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.60830	0.00120	0.60236	0.00892	0.00153	7	0.67	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.61125	0.00230	0.60236	0.00892	0.00153	7	1.00	1%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.56850	0.00700				2			0
400.99	Water activity, Miscellaneous (Units)	0843	0.57050	0.00900				2			0
412.01		0353	18.765	0.03000				1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.13950	0.00700				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.29500	0.01000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.26045	0.03350				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.32750	0.00300				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.36000	0.02000				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.33850	0.01100	0.37841	0.05921	0.02753	4	-1.14	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.35300	0.01800	0.37841	0.05921	0.02753	4	0.43	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.35565	0.01610	0.37841	0.05921	0.02753	4	0.71	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.46650	0.06500	0.37841	0.05921	0.02753	4	12.72	17%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.11000	0.04000				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.17500	0.01000				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.10450	0.00700				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.17045	0.01010				3			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.25000	0.00000				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.15070	0.00060	0.15934	0.00683	0.00612	5	-1.26	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.15550	0.01100	0.15934	0.00683	0.00612	5	-0.56	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.15900	0.00400	0.15934	0.00683	0.00612	5	-0.05	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.16300	0.01200	0.15934	0.00683	0.00612	5	0.54	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.16850	0.00300	0.15934	0.00683	0.00612	5	1.34	3%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	4.6000	0.20000				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	9.7956	1.6538				1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	5.1000	0.46000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	9.6700	0.18000				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.0900	0.06000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2055	3.0135	0.51500				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.1327	0.10880				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.9950	1.2900				3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.40000	0.00000				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.36050	0.07700				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.68450	0.02100				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.72000	0.02000				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.63000	0.01800	0.65706	0.01898	0.01598	4	-1.43	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.65775	0.01490	0.65706	0.01898	0.01598	4	0.04	0%	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			
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.67000	0.02600	0.65706	0.01898	0.01598	4	0.68	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.67050	0.00500	0.65706	0.01898	0.01598	4	0.71	1%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.6500	0.30000				1			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	3.3900	0.04000				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.5650	0.09000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.5933	0.11980				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.