



Dry Dog Food

Animal Feed Scheme

Labs Reporting: 187

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.20000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	5.4692	0.02140	6.0622	0.32476	0.06023	6	-1.83	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	5.8850	0.03000	6.0622	0.32476	0.06023	6	-0.55	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	6.1200	0.16000	6.0622	0.32476	0.06023	6	0.18	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	6.1680	0.02000	6.0622	0.32476	0.06023	6	0.33	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	6.2850	0.05000	6.0622	0.32476	0.06023	6	0.69	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	6.3400	0.08000	6.0622	0.32476	0.06023	6	0.86	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2124	6.1162	0.00190	6.2090	0.12187	0.02548	4	-0.76	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	6.1400	0.02000	6.2090	0.12187	0.02548	4	-0.57	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	6.1950	0.03000	6.2090	0.12187	0.02548	4	-0.12	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	6.3850	0.05000	6.2090	0.12187	0.02548	4	1.44	1%	0
001.05	Loss on Drying, LECO (%)	0610	5.8950	0.07000				2			0
001.05	Loss on Drying, LECO (%)	2153	5.9200	0.00000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	3.8500	1.5000	6.1662	0.24138	0.14446	38	-9.60	19%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	4.9600	0.90000	6.1662	0.24138	0.14446	38	-5.00	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	5.7000	0.00000	6.1662	0.24138	0.14446	38	-1.93	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	5.8000	0.00000	6.1662	0.24138	0.14446	38	-1.52	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	5.8500	0.10000	6.1662	0.24138	0.14446	38	-1.31	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2115	5.9250	0.01000	6.1662	0.24138	0.14446	38	-1.00	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	5.9550	0.13000	6.1662	0.24138	0.14446	38	-0.87	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	5.9850	0.01000	6.1662	0.24138	0.14446	38	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	6.0000	0.12000	6.1662	0.24138	0.14446	38	-0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.0350	0.17000	6.1662	0.24138	0.14446	38	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	6.0400	0.04000	6.1662	0.24138	0.14446	38	-0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	6.0750	0.01000	6.1662	0.24138	0.14446	38	-0.38	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	6.1002	0.04850	6.1662	0.24138	0.14446	38	-0.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.1150	0.07000	6.1662	0.24138	0.14446	38	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	6.1400	0.34000	6.1662	0.24138	0.14446	38	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	6.1400	0.04000	6.1662	0.24138	0.14446	38	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	6.1500	0.08000	6.1662	0.24138	0.14446	38	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	6.1500	0.10000	6.1662	0.24138	0.14446	38	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	6.1500	0.00000	6.1662	0.24138	0.14446	38	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	6.1600	0.04000	6.1662	0.24138	0.14446	38	-0.03	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.1650	0.05000	6.1662	0.24138	0.14446	38	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2156	6.1700	0.02000	6.1662	0.24138	0.14446	38	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.1750	0.03000	6.1662	0.24138	0.14446	38	0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	6.2195	0.02100	6.1662	0.24138	0.14446	38	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.2500	0.20000	6.1662	0.24138	0.14446	38	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	6.2650	0.01000	6.1662	0.24138	0.14446	38	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	6.2650	0.45000	6.1662	0.24138	0.14446	38	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	6.2700	0.18000	6.1662	0.24138	0.14446	38	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.2800	0.04000	6.1662	0.24138	0.14446	38	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	6.3000	0.00000	6.1662	0.24138	0.14446	38	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	6.3700	0.00000	6.1662	0.24138	0.14446	38	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	6.4000	0.06000	6.1662	0.24138	0.14446	38	0.97	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	6.4200	0.26000	6.1662	0.24138	0.14446	38	1.05	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	6.4650	0.13000	6.1662	0.24138	0.14446	38	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	6.7100	0.00000	6.1662	0.24138	0.14446	38	2.25	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	6.7250	0.05000	6.1662	0.24138	0.14446	38	2.32	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.1200	0.24000	6.1662	0.24138	0.14446	38	3.95	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.4000	0.04000	6.1662	0.24138	0.14446	38	9.25	18%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	5.9500	0.10000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	6.0750	0.21000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	4.1300	0.02000	6.1595	0.21462	0.12215	19	-9.46	16%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	4.9900	0.64000	6.1595	0.21462	0.12215	19	-5.45	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	5.2850	0.07000	6.1595	0.21462	0.12215	19	-4.07	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	6.0400	0.04000	6.1595	0.21462	0.12215	19	-0.56	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.0600	0.04000	6.1595	0.21462	0.12215	19	-0.46	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	6.0659	0.25250	6.1595	0.21462	0.12215	19	-0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	6.1150	0.01000	6.1595	0.21462	0.12215	19	-0.21	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.1400	0.04000	6.1595	0.21462	0.12215	19	-0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	6.1500	0.10000	6.1595	0.21462	0.12215	19	-0.04	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	6.1800	0.14000	6.1595	0.21462	0.12215	19	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	6.1850	0.03000	6.1595	0.21462	0.12215	19	0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	6.1950	0.11000	6.1595	0.21462	0.12215	19	0.17	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.2000	0.16000	6.1595	0.21462	0.12215	19	0.19	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.2500	0.10000	6.1595	0.21462	0.12215	19	0.42	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	6.2650	0.13000	6.1595	0.21462	0.12215	19	0.49	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	6.3550	0.05000	6.1595	0.21462	0.12215	19	0.91	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	6.4100	0.18000	6.1595	0.21462	0.12215	19	1.17	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	6.4250	0.01000	6.1595	0.21462	0.12215	19	1.24	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	6.6677	0.19840	6.1595	0.21462	0.12215	19	2.37	4%	0
002.00	Protein, Crude (%)	0581	28.145	0.25000	28.815	0.99297	0.36700	6	-0.67	1%	0
002.00	Protein, Crude (%)	0169	28.280	0.02000	28.815	0.99297	0.36700	6	-0.54	1%	0

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002.00	Protein, Crude (%)	2109	28.295	0.05000	28.815	0.99297	0.36700	6	-0.52	1%	0
002.00	Protein, Crude (%)	0940	28.380	0.14000	28.815	0.99297	0.36700	6	-0.44	1%	0
002.00	Protein, Crude (%)	0845	29.500	0.26000	28.815	0.99297	0.36700	6	0.69	1%	0
002.00	Protein, Crude (%)	2128	30.288	1.4820	28.815	0.99297	0.36700	6	1.48	3%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	26.980	0.04000	28.420	0.41920	0.12083	12	-3.43	3%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	27.926	0.14800	28.420	0.41920	0.12083	12	-1.18	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	28.090	0.10000	28.420	0.41920	0.12083	12	-0.79	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	28.260	0.00200	28.420	0.41920	0.12083	12	-0.38	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	28.300	0.40000	28.420	0.41920	0.12083	12	-0.29	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	28.300	0.40000	28.420	0.41920	0.12083	12	-0.29	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0028	28.480	0.14000	28.420	0.41920	0.12083	12	0.14	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	28.620	0.00000	28.420	0.41920	0.12083	12	0.48	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	28.755	0.05000	28.420	0.41920	0.12083	12	0.80	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	28.765	0.07000	28.420	0.41920	0.12083	12	0.82	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	28.800	0.00000	28.420	0.41920	0.12083	12	0.91	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	28.950	0.10000	28.420	0.41920	0.12083	12	1.26	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	28.195	0.33000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	28.350	0.06000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	28.914	0.29280				3			0
002.03	Protein, Hach Method (%)	0536	28.130	1.4000				1			0
002.04	Protein, Copper Catalyst (%)	0405	26.995	0.01000	28.358	0.91607	0.12333	6	-1.49	2%	0
002.04	Protein, Copper Catalyst (%)	0874	27.830	0.06000	28.358	0.91607	0.12333	6	-0.58	1%	0
002.04	Protein, Copper Catalyst (%)	0504	28.555	0.47000	28.358	0.91607	0.12333	6	0.21	0%	0
002.04	Protein, Copper Catalyst (%)	0187	28.685	0.05000	28.358	0.91607	0.12333	6	0.36	1%	0
002.04	Protein, Copper Catalyst (%)	0728	28.895	0.15000	28.358	0.91607	0.12333	6	0.59	1%	0
002.04	Protein, Copper Catalyst (%)	2122	29.190	0.00000	28.358	0.91607	0.12333	6	0.91	1%	0
002.05	Protein, Copper, Boric Acid (%)	2022	27.755	0.03000	28.508	0.26381	0.10705	24	-2.85	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	28.060	0.04000	28.508	0.26381	0.10705	24	-1.70	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	28.165	0.09000	28.508	0.26381	0.10705	24	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	28.217	0.17200	28.508	0.26381	0.10705	24	-1.10	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	28.221	0.14960	28.508	0.26381	0.10705	24	-1.09	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	28.320	0.02000	28.508	0.26381	0.10705	24	-0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	28.410	0.56000	28.508	0.26381	0.10705	24	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	28.428	0.01650	28.508	0.26381	0.10705	24	-0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	28.430	0.18000	28.508	0.26381	0.10705	24	-0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	28.490	0.02000	28.508	0.26381	0.10705	24	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	28.503	0.01400	28.508	0.26381	0.10705	24	-0.02	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	28.520	0.02000	28.508	0.26381	0.10705	24	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	28.540	0.00000	28.508	0.26381	0.10705	24	0.12	0%	0
002.05	Protein, Copper, Boric Acid (%)	0620	28.542	0.03700	28.508	0.26381	0.10705	24	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	28.565	0.13000	28.508	0.26381	0.10705	24	0.22	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0881	28.607	0.07000	28.508	0.26381	0.10705	24	0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	28.620	0.04000	28.508	0.26381	0.10705	24	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	28.635	0.21000	28.508	0.26381	0.10705	24	0.48	0%	0
002.05	Protein, Copper, Boric Acid (%)	0689	28.650	0.10000	28.508	0.26381	0.10705	24	0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	2115	28.680	0.14000	28.508	0.26381	0.10705	24	0.65	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	28.765	0.05000	28.508	0.26381	0.10705	24	0.97	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	28.850	0.14000	28.508	0.26381	0.10705	24	1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	29.245	0.17000	28.508	0.26381	0.10705	24	2.79	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	30.995	0.17000	28.508	0.26381	0.10705	24	9.43	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	4.4250	0.13000	28.836	0.28564	0.24554	124	-85.46	42%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	19.375	0.11000	28.836	0.28564	0.24554	124	-33.12	16%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	19.525	0.07000	28.836	0.28564	0.24554	124	-32.60	16%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	27.025	2.9110	28.836	0.28564	0.24554	124	-6.34	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2156	27.280	0.04000	28.836	0.28564	0.24554	124	-5.45	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0417	27.990	0.16000	28.836	0.28564	0.24554	124	-2.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	28.090	0.04000	28.836	0.28564	0.24554	124	-2.61	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	28.225	0.17000	28.836	0.28564	0.24554	124	-2.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	28.277	0.61400	28.836	0.28564	0.24554	124	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	28.330	0.02000	28.836	0.28564	0.24554	124	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	28.344	0.03100	28.836	0.28564	0.24554	124	-1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	28.350	0.10000	28.836	0.28564	0.24554	124	-1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	28.351	0.12380	28.836	0.28564	0.24554	124	-1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	28.390	0.04000	28.836	0.28564	0.24554	124	-1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	28.420	0.36000	28.836	0.28564	0.24554	124	-1.46	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	28.475	0.23000	28.836	0.28564	0.24554	124	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	28.505	0.13000	28.836	0.28564	0.24554	124	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	28.540	0.14000	28.836	0.28564	0.24554	124	-1.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	28.545	0.01000	28.836	0.28564	0.24554	124	-1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	28.550	0.30000	28.836	0.28564	0.24554	124	-1.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	28.550	0.70000	28.836	0.28564	0.24554	124	-1.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	28.550	0.50000	28.836	0.28564	0.24554	124	-1.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	28.560	0.30000	28.836	0.28564	0.24554	124	-0.97	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	28.605	0.03000	28.836	0.28564	0.24554	124	-0.81	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	28.626	0.04900	28.836	0.28564	0.24554	124	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	28.640	0.18000	28.836	0.28564	0.24554	124	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	28.645	0.37000	28.836	0.28564	0.24554	124	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	28.645	0.01000	28.836	0.28564	0.24554	124	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	28.650	0.50000	28.836	0.28564	0.24554	124	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	28.650	1.0000	28.836	0.28564	0.24554	124	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	28.655	0.03000	28.836	0.28564	0.24554	124	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	28.665	0.05000	28.836	0.28564	0.24554	124	-0.60	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 (%)	0353	28.670	0.20000	28.836	0.28564	0.24554	124	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	28.680	0.12000	28.836	0.28564	0.24554	124	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	28.690	0.02000	28.836	0.28564	0.24554	124	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	28.700	0.40000	28.836	0.28564	0.24554	124	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	28.719	0.06250	28.836	0.28564	0.24554	124	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	28.735	0.03000	28.836	0.28564	0.24554	124	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	28.740	0.10000	28.836	0.28564	0.24554	124	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	28.740	0.46000	28.836	0.28564	0.24554	124	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	28.743	0.10880	28.836	0.28564	0.24554	124	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	28.750	0.10000	28.836	0.28564	0.24554	124	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	28.750	0.00000	28.836	0.28564	0.24554	124	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	28.750	0.10000	28.836	0.28564	0.24554	124	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	28.755	0.01000	28.836	0.28564	0.24554	124	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	28.755	0.05000	28.836	0.28564	0.24554	124	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	28.765	0.03000	28.836	0.28564	0.24554	124	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	28.775	0.35000	28.836	0.28564	0.24554	124	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	28.775	0.15000	28.836	0.28564	0.24554	124	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	28.792	0.05200	28.836	0.28564	0.24554	124	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	28.795	0.11000	28.836	0.28564	0.24554	124	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2050	28.800	0.20000	28.836	0.28564	0.24554	124	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0808	28.815	0.01000	28.836	0.28564	0.24554	124	-0.07	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	28.820	0.62000	28.836	0.28564	0.24554	124	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	28.830	0.42300	28.836	0.28564	0.24554	124	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	28.830	0.06000	28.836	0.28564	0.24554	124	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	28.835	0.41000	28.836	0.28564	0.24554	124	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	28.840	0.20000	28.836	0.28564	0.24554	124	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	28.845	0.17000	28.836	0.28564	0.24554	124	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2162	28.845	0.07000	28.836	0.28564	0.24554	124	0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	28.850	0.10000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	28.850	0.10000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	28.850	0.10000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	28.850	0.30000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	28.850	0.50000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	28.850	0.12000	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2124	28.851	0.04800	28.836	0.28564	0.24554	124	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	28.860	0.16000	28.836	0.28564	0.24554	124	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	28.865	0.15000	28.836	0.28564	0.24554	124	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	28.865	0.21000	28.836	0.28564	0.24554	124	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	28.880	0.00000	28.836	0.28564	0.24554	124	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	28.885	0.03000	28.836	0.28564	0.24554	124	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	28.890	0.14000	28.836	0.28564	0.24554	124	0.19	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 (%)	0520	28.895	0.23000	28.836	0.28564	0.24554	124	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	28.900	0.20000	28.836	0.28564	0.24554	124	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	28.900	0.00000	28.836	0.28564	0.24554	124	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	28.900	0.60000	28.836	0.28564	0.24554	124	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	28.920	0.02000	28.836	0.28564	0.24554	124	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	28.925	0.09200	28.836	0.28564	0.24554	124	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	28.925	0.01000	28.836	0.28564	0.24554	124	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	28.930	0.10000	28.836	0.28564	0.24554	124	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	28.935	0.23000	28.836	0.28564	0.24554	124	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	28.940	0.06000	28.836	0.28564	0.24554	124	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	28.945	0.51000	28.836	0.28564	0.24554	124	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	28.950	0.00000	28.836	0.28564	0.24554	124	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	28.955	0.21000	28.836	0.28564	0.24554	124	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	28.975	0.05000	28.836	0.28564	0.24554	124	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	28.985	0.14400	28.836	0.28564	0.24554	124	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	28.985	0.47000	28.836	0.28564	0.24554	124	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	28.985	0.27000	28.836	0.28564	0.24554	124	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	28.986	0.08100	28.836	0.28564	0.24554	124	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	28.989	0.30900	28.836	0.28564	0.24554	124	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	28.990	0.72000	28.836	0.28564	0.24554	124	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	29.000	0.20000	28.836	0.28564	0.24554	124	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	29.008	0.63400	28.836	0.28564	0.24554	124	0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	29.015	0.27000	28.836	0.28564	0.24554	124	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	29.022	0.06200	28.836	0.28564	0.24554	124	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	29.025	0.23000	28.836	0.28564	0.24554	124	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	29.030	1.1400	28.836	0.28564	0.24554	124	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0959	29.040	0.44000	28.836	0.28564	0.24554	124	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	29.049	0.24800	28.836	0.28564	0.24554	124	0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	29.050	0.10000	28.836	0.28564	0.24554	124	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2095	29.070	0.32000	28.836	0.28564	0.24554	124	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	29.095	0.27000	28.836	0.28564	0.24554	124	0.91	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	29.115	0.15000	28.836	0.28564	0.24554	124	0.98	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	29.120	0.10000	28.836	0.28564	0.24554	124	0.99	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	29.135	0.93000	28.836	0.28564	0.24554	124	1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	29.150	0.30000	28.836	0.28564	0.24554	124	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0596	29.165	0.03000	28.836	0.28564	0.24554	124	1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	29.178	0.24400	28.836	0.28564	0.24554	124	1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	29.200	0.20000	28.836	0.28564	0.24554	124	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	29.236	0.06900	28.836	0.28564	0.24554	124	1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	29.265	0.13000	28.836	0.28564	0.24554	124	1.50	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	29.319	0.03120	28.836	0.28564	0.24554	124	1.69	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 (%)	2076	29.330	0.08000	28.836	0.28564	0.24554	124	1.73	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	29.375	0.27000	28.836	0.28564	0.24554	124	1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	29.390	0.46000	28.836	0.28564	0.24554	124	1.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	29.430	0.06000	28.836	0.28564	0.24554	124	2.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2153	29.489	0.06800	28.836	0.28564	0.24554	124	2.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	29.685	0.79000	28.836	0.28564	0.24554	124	2.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	29.897	0.10300	28.836	0.28564	0.24554	124	3.71	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2023	30.095	0.31000	28.836	0.28564	0.24554	124	4.41	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	30.316	0.39400	28.836	0.28564	0.24554	124	5.18	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	31.583	1.4850	28.836	0.28564	0.24554	124	9.61	5%	0
002.08	Protein, Cu/Ti (%)	0208	28.200	0.60000				2			0
002.08	Protein, Cu/Ti (%)	0098	28.780	0.10000				2			0
002.10	Protein, Block dig/distillation (%)	0629	28.755	0.21000				1			0
002.11	Protein, NIR (%)	0297	21.285	0.05000	27.685	1.1194	0.06514	7	-5.72	12%	0
002.11	Protein, NIR (%)	0889	26.870	0.06000	27.685	1.1194	0.06514	7	-0.73	1%	0
002.11	Protein, NIR (%)	0613	27.425	0.07000	27.685	1.1194	0.06514	7	-0.23	0%	0
002.11	Protein, NIR (%)	0852	28.085	0.01000	27.685	1.1194	0.06514	7	0.36	1%	0
002.11	Protein, NIR (%)	2128	28.126	0.03600	27.685	1.1194	0.06514	7	0.39	1%	0
002.11	Protein, NIR (%)	0553	28.410	0.16000	27.685	1.1194	0.06514	7	0.65	1%	0
002.11	Protein, NIR (%)	2050	28.875	0.07000	27.685	1.1194	0.06514	7	1.06	2%	0
002.99	Protein, Miscellaneous (%)	0644	28.893	0.18700				2			0
002.99	Protein, Miscellaneous (%)	0643	29.445	0.35000				2			0
003.00	Fat, Eth Ext., Direct (%)	0885	8.2304	0.10370	8.6861	0.40472	0.11670	11	-1.13	3%	0
003.00	Fat, Eth Ext., Direct (%)	0615	8.3500	0.14000	8.6861	0.40472	0.11670	11	-0.83	2%	0
003.00	Fat, Eth Ext., Direct (%)	0142	8.4700	0.12000	8.6861	0.40472	0.11670	11	-0.53	1%	0
003.00	Fat, Eth Ext., Direct (%)	0939	8.5250	0.05000	8.6861	0.40472	0.11670	11	-0.40	1%	0
003.00	Fat, Eth Ext., Direct (%)	2109	8.5350	0.01000	8.6861	0.40472	0.11670	11	-0.37	1%	0
003.00	Fat, Eth Ext., Direct (%)	2115	8.5650	0.19000	8.6861	0.40472	0.11670	11	-0.30	1%	0
003.00	Fat, Eth Ext., Direct (%)	0345	8.6000	0.20000	8.6861	0.40472	0.11670	11	-0.21	0%	0
003.00	Fat, Eth Ext., Direct (%)	0175	8.6850	0.07000	8.6861	0.40472	0.11670	11	0.00	0%	0
003.00	Fat, Eth Ext., Direct (%)	2153	9.0000	0.00000	8.6861	0.40472	0.11670	11	0.78	2%	0
003.00	Fat, Eth Ext., Direct (%)	0536	11.270	0.32000	8.6861	0.40472	0.11670	11	6.38	15%	0
003.00	Fat, Eth Ext., Direct (%)	2053	12.010	0.08000	8.6861	0.40472	0.11670	11	8.21	19%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	8.8400	0.16000				1			0
003.06	Fat, Pet Ether (%)	0297	4.0450	0.01000	8.7011	0.21950	0.09653	15	-21.21	27%	0
003.06	Fat, Pet Ether (%)	0552	8.4800	0.10000	8.7011	0.21950	0.09653	15	-1.01	1%	0
003.06	Fat, Pet Ether (%)	0294	8.5250	0.01000	8.7011	0.21950	0.09653	15	-0.80	1%	0
003.06	Fat, Pet Ether (%)	0169	8.5600	0.38000	8.7011	0.21950	0.09653	15	-0.64	1%	0
003.06	Fat, Pet Ether (%)	0689	8.6000	0.00000	8.7011	0.21950	0.09653	15	-0.46	1%	0
003.06	Fat, Pet Ether (%)	0918	8.6300	0.26000	8.7011	0.21950	0.09653	15	-0.32	0%	0
003.06	Fat, Pet Ether (%)	0164	8.6450	0.05000	8.7011	0.21950	0.09653	15	-0.26	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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003.06	Fat, Pet Ether (%)	0511	8.6950	0.23000	8.7011	0.21950	0.09653	15	-0.03	0%	0
003.06	Fat, Pet Ether (%)	0849	8.6970	0.02600	8.7011	0.21950	0.09653	15	-0.02	0%	0
003.06	Fat, Pet Ether (%)	0229	8.7100	0.04000	8.7011	0.21950	0.09653	15	0.04	0%	0
003.06	Fat, Pet Ether (%)	0910	8.7500	0.12000	8.7011	0.21950	0.09653	15	0.22	0%	0
003.06	Fat, Pet Ether (%)	0148	8.8600	0.08000	8.7011	0.21950	0.09653	15	0.72	1%	0
003.06	Fat, Pet Ether (%)	0300	8.9320	0.06200	8.7011	0.21950	0.09653	15	1.05	1%	0
003.06	Fat, Pet Ether (%)	0852	9.0900	0.02000	8.7011	0.21950	0.09653	15	1.77	2%	0
003.06	Fat, Pet Ether (%)	0074	11.930	0.06000	8.7011	0.21950	0.09653	15	14.71	19%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	7.9650	0.01000	8.6232	0.26149	0.13469	13	-2.52	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	8.2800	0.02000	8.6232	0.26149	0.13469	13	-1.31	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	8.3500	0.10000	8.6232	0.26149	0.13469	13	-1.04	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	8.5705	0.11100	8.6232	0.26149	0.13469	13	-0.20	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	8.6200	0.10000	8.6232	0.26149	0.13469	13	-0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	8.6250	0.05000	8.6232	0.26149	0.13469	13	0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	8.6300	0.04000	8.6232	0.26149	0.13469	13	0.03	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	8.6500	0.14000	8.6232	0.26149	0.13469	13	0.10	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	8.6600	0.08000	8.6232	0.26149	0.13469	13	0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	8.7350	0.05000	8.6232	0.26149	0.13469	13	0.43	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	8.8400	0.46000	8.6232	0.26149	0.13469	13	0.83	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	8.8950	0.49000	8.6232	0.26149	0.13469	13	1.04	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	9.1500	0.10000	8.6232	0.26149	0.13469	13	2.01	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	8.0100	0.68000	8.5171	0.25826	0.12117	29	-1.96	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0051	8.1500	0.10000	8.5171	0.25826	0.12117	29	-1.42	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	8.1800	0.24000	8.5171	0.25826	0.12117	29	-1.31	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	8.2450	0.11000	8.5171	0.25826	0.12117	29	-1.05	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	8.2600	0.02000	8.5171	0.25826	0.12117	29	-1.00	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	8.3050	0.25000	8.5171	0.25826	0.12117	29	-0.82	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	8.3150	0.03000	8.5171	0.25826	0.12117	29	-0.78	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0662	8.3246	0.12320	8.5171	0.25826	0.12117	29	-0.75	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2162	8.3850	0.21000	8.5171	0.25826	0.12117	29	-0.51	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	8.4150	0.13000	8.5171	0.25826	0.12117	29	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	8.4200	0.02000	8.5171	0.25826	0.12117	29	-0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	8.4250	0.27000	8.5171	0.25826	0.12117	29	-0.36	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	8.4813	0.06480	8.5171	0.25826	0.12117	29	-0.14	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	8.4900	0.00000	8.5171	0.25826	0.12117	29	-0.10	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	8.5450	0.09000	8.5171	0.25826	0.12117	29	0.11	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	8.5700	0.02000	8.5171	0.25826	0.12117	29	0.20	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	8.6000	0.20000	8.5171	0.25826	0.12117	29	0.32	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	8.6000	0.20000	8.5171	0.25826	0.12117	29	0.32	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2124	8.6149	0.00250	8.5171	0.25826	0.12117	29	0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	8.6150	0.07000	8.5171	0.25826	0.12117	29	0.38	1%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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 (%)	0233	8.6150	0.13000	8.5171	0.25826	0.12117	29	0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	8.6400	0.24000	8.5171	0.25826	0.12117	29	0.48	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	8.6400	0.04000	8.5171	0.25826	0.12117	29	0.48	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	8.6561	0.00670	8.5171	0.25826	0.12117	29	0.54	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	8.8070	0.01600	8.5171	0.25826	0.12117	29	1.12	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	8.8535	0.06700	8.5171	0.25826	0.12117	29	1.30	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	8.9450	0.15000	8.5171	0.25826	0.12117	29	1.66	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	9.0296	0.02370	8.5171	0.25826	0.12117	29	1.98	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	9.1950	0.01000	8.5171	0.25826	0.12117	29	2.62	4%	0
003.11	Fat, NIR (%)	0297	4.5050	0.03000	9.9342	3.4873	0.25240	5	-1.56	27%	0
003.11	Fat, NIR (%)	0889	8.4500	0.70000	9.9342	3.4873	0.25240	5	-0.43	7%	0
003.11	Fat, NIR (%)	2128	11.521	0.02200	9.9342	3.4873	0.25240	5	0.46	8%	0
003.11	Fat, NIR (%)	0852	12.235	0.51000	9.9342	3.4873	0.25240	5	0.66	12%	0
003.11	Fat, NIR (%)	0553	12.960	0.00000	9.9342	3.4873	0.25240	5	0.87	15%	0
003.12	Fat, Hexane Ext (%)	0171	8.6400	0.04000				2			0
003.12	Fat, Hexane Ext (%)	0940	8.6450	0.05000				2			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	8.4200	0.04000	8.6267	0.18581	0.11400	6	-1.11	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	8.5500	0.32000	8.6267	0.18581	0.11400	6	-0.41	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	8.5700	0.04000	8.6267	0.18581	0.11400	6	-0.31	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	8.6200	0.02400	8.6267	0.18581	0.11400	6	-0.04	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	8.6950	0.11000	8.6267	0.18581	0.11400	6	0.37	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	12.985	0.15000	8.6267	0.18581	0.11400	6	23.46	25%	0
003.14	Fat, Ankom (%)	0574	7.7900	0.00000	8.5269	0.17861	0.21605	31	-4.13	4%	0
003.14	Fat, Ankom (%)	0613	8.1300	0.08000	8.5269	0.17861	0.21605	31	-2.22	2%	0
003.14	Fat, Ankom (%)	0843	8.1550	0.45000	8.5269	0.17861	0.21605	31	-2.08	2%	0
003.14	Fat, Ankom (%)	0407	8.2753	0.04950	8.5269	0.17861	0.21605	31	-1.41	1%	0
003.14	Fat, Ankom (%)	0108	8.3700	0.30000	8.5269	0.17861	0.21605	31	-0.88	1%	0
003.14	Fat, Ankom (%)	0598	8.3900	0.10000	8.5269	0.17861	0.21605	31	-0.77	1%	0
003.14	Fat, Ankom (%)	0581	8.4000	0.08000	8.5269	0.17861	0.21605	31	-0.71	1%	0
003.14	Fat, Ankom (%)	0202	8.4050	0.03000	8.5269	0.17861	0.21605	31	-0.68	1%	0
003.14	Fat, Ankom (%)	0520	8.4300	0.24000	8.5269	0.17861	0.21605	31	-0.54	1%	0
003.14	Fat, Ankom (%)	0357	8.4500	0.70000	8.5269	0.17861	0.21605	31	-0.43	0%	0
003.14	Fat, Ankom (%)	0956	8.4500	0.10000	8.5269	0.17861	0.21605	31	-0.43	0%	0
003.14	Fat, Ankom (%)	2129	8.5000	0.02000	8.5269	0.17861	0.21605	31	-0.15	0%	0
003.14	Fat, Ankom (%)	0019	8.5050	0.03000	8.5269	0.17861	0.21605	31	-0.12	0%	0
003.14	Fat, Ankom (%)	0948	8.5350	0.01000	8.5269	0.17861	0.21605	31	0.05	0%	0
003.14	Fat, Ankom (%)	0089	8.5400	0.00000	8.5269	0.17861	0.21605	31	0.07	0%	0
003.14	Fat, Ankom (%)	0848	8.5400	0.14000	8.5269	0.17861	0.21605	31	0.07	0%	0
003.14	Fat, Ankom (%)	0968	8.5410	0.02800	8.5269	0.17861	0.21605	31	0.08	0%	0
003.14	Fat, Ankom (%)	0358	8.5450	0.15000	8.5269	0.17861	0.21605	31	0.10	0%	0
003.14	Fat, Ankom (%)	0049	8.5500	0.20000	8.5269	0.17861	0.21605	31	0.13	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0144	8.5650	0.05000	8.5269	0.17861	0.21605	31	0.21	0%	0
003.14	Fat, Ankom (%)	0265	8.5700	0.16000	8.5269	0.17861	0.21605	31	0.24	0%	0
003.14	Fat, Ankom (%)	0529	8.5950	0.17000	8.5269	0.17861	0.21605	31	0.38	0%	0
003.14	Fat, Ankom (%)	0037	8.6000	0.18000	8.5269	0.17861	0.21605	31	0.41	0%	0
003.14	Fat, Ankom (%)	0413	8.6000	0.60000	8.5269	0.17861	0.21605	31	0.41	0%	0
003.14	Fat, Ankom (%)	0278	8.6500	0.10000	8.5269	0.17861	0.21605	31	0.69	1%	0
003.14	Fat, Ankom (%)	0066	8.6650	0.15000	8.5269	0.17861	0.21605	31	0.77	1%	0
003.14	Fat, Ankom (%)	0229	8.7450	0.03000	8.5269	0.17861	0.21605	31	1.22	1%	0
003.14	Fat, Ankom (%)	0726	8.7550	0.03000	8.5269	0.17861	0.21605	31	1.28	1%	0
003.14	Fat, Ankom (%)	0190	8.8250	0.21000	8.5269	0.17861	0.21605	31	1.67	2%	0
003.14	Fat, Ankom (%)	0028	11.045	2.0500	8.5269	0.17861	0.21605	31	14.10	15%	0
003.14	Fat, Ankom (%)	0878	12.030	0.26000	8.5269	0.17861	0.21605	31	19.61	21%	0
003.99	Fat, Miscellaneous (%)	0644	8.6400	0.08000	11.396	1.8802	0.27750	4	-1.13	11%	0
003.99	Fat, Miscellaneous (%)	0941	11.755	0.13000	11.396	1.8802	0.27750	4	0.35	3%	0
003.99	Fat, Miscellaneous (%)	1019	12.540	0.90000	11.396	1.8802	0.27750	4	0.72	7%	0
003.99	Fat, Miscellaneous (%)	2122	12.650	0.00000	11.396	1.8802	0.27750	4	0.78	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	2.8900	0.00000	3.5875	0.29349	0.07467	15	-2.38	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	2023	3.3350	0.13000	3.5875	0.29349	0.07467	15	-0.86	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.3400	0.14000	3.5875	0.29349	0.07467	15	-0.84	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	3.4000	0.00000	3.5875	0.29349	0.07467	15	-0.64	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	3.4250	0.05000	3.5875	0.29349	0.07467	15	-0.55	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	3.4800	0.08000	3.5875	0.29349	0.07467	15	-0.37	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	3.5000	0.14000	3.5875	0.29349	0.07467	15	-0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	3.6150	0.09000	3.5875	0.29349	0.07467	15	0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	3.6250	0.09000	3.5875	0.29349	0.07467	15	0.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	3.6300	0.04000	3.5875	0.29349	0.07467	15	0.14	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	3.6500	0.02000	3.5875	0.29349	0.07467	15	0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	3.6500	0.10000	3.5875	0.29349	0.07467	15	0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	3.9600	0.14000	3.5875	0.29349	0.07467	15	1.27	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	4.2500	0.10000	3.5875	0.29349	0.07467	15	2.26	9%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	4.3000	0.00000	3.5875	0.29349	0.07467	15	2.43	10%	0
004.01	Fiber, Sing Filt (%)	0366	3.2500	0.30000				1			0
004.03	Fiber, Fritted Glass (%)	2089	2.4450	0.07000	3.4466	0.64122	0.21000	6	-1.56	15%	0
004.03	Fiber, Fritted Glass (%)	0921	3.0400	0.24000	3.4466	0.64122	0.21000	6	-0.63	6%	0
004.03	Fiber, Fritted Glass (%)	0045	3.6400	0.44000	3.4466	0.64122	0.21000	6	0.30	3%	0
004.03	Fiber, Fritted Glass (%)	0353	3.7650	0.11000	3.4466	0.64122	0.21000	6	0.50	5%	0
004.03	Fiber, Fritted Glass (%)	0693	3.8400	0.08000	3.4466	0.64122	0.21000	6	0.61	6%	0
004.03	Fiber, Fritted Glass (%)	0626	3.9100	0.32000	3.4466	0.64122	0.21000	6	0.72	7%	0
004.06	Fiber, Fibertec (%)	0948	3.2550	0.17000	3.7275	0.27757	0.09667	22	-1.70	6%	0
004.06	Fiber, Fibertec (%)	0885	3.4296	0.00440	3.7275	0.27757	0.09667	22	-1.07	4%	0
004.06	Fiber, Fibertec (%)	0098	3.4300	0.08000	3.7275	0.27757	0.09667	22	-1.07	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	
004.06	Fiber, Fibertec (%)	0512	3.4920	0.05600	3.7275	0.27757	0.09667	22	-0.85	3%	0
004.06	Fiber, Fibertec (%)	0590	3.5100	0.18000	3.7275	0.27757	0.09667	22	-0.78	3%	0
004.06	Fiber, Fibertec (%)	0968	3.5310	0.19000	3.7275	0.27757	0.09667	22	-0.71	3%	0
004.06	Fiber, Fibertec (%)	0941	3.5400	0.14000	3.7275	0.27757	0.09667	22	-0.68	3%	0
004.06	Fiber, Fibertec (%)	0952	3.5700	0.02000	3.7275	0.27757	0.09667	22	-0.57	2%	0
004.06	Fiber, Fibertec (%)	0897	3.6400	0.04000	3.7275	0.27757	0.09667	22	-0.32	1%	0
004.06	Fiber, Fibertec (%)	0918	3.6500	0.22000	3.7275	0.27757	0.09667	22	-0.28	1%	0
004.06	Fiber, Fibertec (%)	2022	3.6800	0.02000	3.7275	0.27757	0.09667	22	-0.17	1%	0
004.06	Fiber, Fibertec (%)	0881	3.6980	0.39200	3.7275	0.27757	0.09667	22	-0.11	0%	0
004.06	Fiber, Fibertec (%)	2115	3.7400	0.02000	3.7275	0.27757	0.09667	22	0.04	0%	0
004.06	Fiber, Fibertec (%)	0675	3.7600	0.10000	3.7275	0.27757	0.09667	22	0.12	0%	0
004.06	Fiber, Fibertec (%)	2068	3.8800	0.02000	3.7275	0.27757	0.09667	22	0.55	2%	0
004.06	Fiber, Fibertec (%)	0689	3.9000	0.20000	3.7275	0.27757	0.09667	22	0.62	2%	0
004.06	Fiber, Fibertec (%)	0205	3.9010	0.11800	3.7275	0.27757	0.09667	22	0.62	2%	0
004.06	Fiber, Fibertec (%)	0878	3.9750	0.05000	3.7275	0.27757	0.09667	22	0.89	3%	0
004.06	Fiber, Fibertec (%)	0676	4.0100	0.00000	3.7275	0.27757	0.09667	22	1.02	4%	0
004.06	Fiber, Fibertec (%)	2006	4.0700	0.02000	3.7275	0.27757	0.09667	22	1.23	5%	0
004.06	Fiber, Fibertec (%)	0845	4.3100	0.08000	3.7275	0.27757	0.09667	22	2.10	8%	0
004.06	Fiber, Fibertec (%)	0964	5.5256	0.00640	3.7275	0.27757	0.09667	22	6.48	24%	0
004.07	Fiber, ANKOM (%)	0510	3.0500	0.10000	4.0040	0.67669	0.14286	55	-1.41	12%	0
004.07	Fiber, ANKOM (%)	0265	3.0750	0.13000	4.0040	0.67669	0.14286	55	-1.37	12%	0
004.07	Fiber, ANKOM (%)	0144	3.1150	0.05000	4.0040	0.67669	0.14286	55	-1.31	11%	0
004.07	Fiber, ANKOM (%)	0042	3.1900	0.14000	4.0040	0.67669	0.14286	55	-1.20	10%	0
004.07	Fiber, ANKOM (%)	2009	3.2675	0.02640	4.0040	0.67669	0.14286	55	-1.09	9%	0
004.07	Fiber, ANKOM (%)	0552	3.3350	0.27000	4.0040	0.67669	0.14286	55	-0.99	8%	0
004.07	Fiber, ANKOM (%)	2125	3.3700	0.06000	4.0040	0.67669	0.14286	55	-0.94	8%	0
004.07	Fiber, ANKOM (%)	0033	3.4900	0.02000	4.0040	0.67669	0.14286	55	-0.76	6%	0
004.07	Fiber, ANKOM (%)	0026	3.5000	0.20000	4.0040	0.67669	0.14286	55	-0.74	6%	0
004.07	Fiber, ANKOM (%)	0910	3.5000	0.00000	4.0040	0.67669	0.14286	55	-0.74	6%	0
004.07	Fiber, ANKOM (%)	2053	3.5000	0.04000	4.0040	0.67669	0.14286	55	-0.74	6%	0
004.07	Fiber, ANKOM (%)	0066	3.5150	0.11000	4.0040	0.67669	0.14286	55	-0.72	6%	0
004.07	Fiber, ANKOM (%)	0948	3.5350	0.03000	4.0040	0.67669	0.14286	55	-0.69	6%	0
004.07	Fiber, ANKOM (%)	0726	3.5750	0.03000	4.0040	0.67669	0.14286	55	-0.63	5%	0
004.07	Fiber, ANKOM (%)	0653	3.5950	0.03000	4.0040	0.67669	0.14286	55	-0.60	5%	0
004.07	Fiber, ANKOM (%)	2115	3.5950	0.01000	4.0040	0.67669	0.14286	55	-0.60	5%	0
004.07	Fiber, ANKOM (%)	0098	3.6100	0.10000	4.0040	0.67669	0.14286	55	-0.58	5%	0
004.07	Fiber, ANKOM (%)	0536	3.6100	0.22000	4.0040	0.67669	0.14286	55	-0.58	5%	0
004.07	Fiber, ANKOM (%)	0529	3.6300	0.00000	4.0040	0.67669	0.14286	55	-0.55	5%	0
004.07	Fiber, ANKOM (%)	0413	3.6500	0.10000	4.0040	0.67669	0.14286	55	-0.52	4%	0
004.07	Fiber, ANKOM (%)	0100	3.7350	0.03000	4.0040	0.67669	0.14286	55	-0.40	3%	0
004.07	Fiber, ANKOM (%)	0190	3.7500	0.10000	4.0040	0.67669	0.14286	55	-0.38	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 (%)	0034	3.7700	0.14000	4.0040	0.67669	0.14286	55	-0.35	3%	0
004.07	Fiber, ANKOM (%)	0004	3.7750	0.15000	4.0040	0.67669	0.14286	55	-0.34	3%	0
004.07	Fiber, ANKOM (%)	0028	3.8000	0.00000	4.0040	0.67669	0.14286	55	-0.30	3%	0
004.07	Fiber, ANKOM (%)	0032	3.8000	0.20000	4.0040	0.67669	0.14286	55	-0.30	3%	0
004.07	Fiber, ANKOM (%)	0015	3.8050	0.19000	4.0040	0.67669	0.14286	55	-0.29	2%	0
004.07	Fiber, ANKOM (%)	0939	3.8250	0.09000	4.0040	0.67669	0.14286	55	-0.26	2%	0
004.07	Fiber, ANKOM (%)	0861	3.8650	0.29000	4.0040	0.67669	0.14286	55	-0.21	2%	0
004.07	Fiber, ANKOM (%)	0229	3.9000	0.20000	4.0040	0.67669	0.14286	55	-0.15	1%	0
004.07	Fiber, ANKOM (%)	0038	3.9050	0.13000	4.0040	0.67669	0.14286	55	-0.15	1%	0
004.07	Fiber, ANKOM (%)	0956	3.9500	0.10000	4.0040	0.67669	0.14286	55	-0.08	1%	0
004.07	Fiber, ANKOM (%)	0263	3.9616	0.02320	4.0040	0.67669	0.14286	55	-0.06	1%	0
004.07	Fiber, ANKOM (%)	0242	4.0150	0.11000	4.0040	0.67669	0.14286	55	0.02	0%	0
004.07	Fiber, ANKOM (%)	0968	4.0450	0.09000	4.0040	0.67669	0.14286	55	0.06	1%	0
004.07	Fiber, ANKOM (%)	0505	4.0600	0.12000	4.0040	0.67669	0.14286	55	0.08	1%	0
004.07	Fiber, ANKOM (%)	0870	4.0933	0.21860	4.0040	0.67669	0.14286	55	0.13	1%	0
004.07	Fiber, ANKOM (%)	0849	4.1480	0.04400	4.0040	0.67669	0.14286	55	0.21	2%	0
004.07	Fiber, ANKOM (%)	0074	4.2650	0.23000	4.0040	0.67669	0.14286	55	0.39	3%	0
004.07	Fiber, ANKOM (%)	0643	4.2950	0.15000	4.0040	0.67669	0.14286	55	0.43	4%	0
004.07	Fiber, ANKOM (%)	2109	4.3650	0.11000	4.0040	0.67669	0.14286	55	0.53	5%	0
004.07	Fiber, ANKOM (%)	0598	4.4350	0.81000	4.0040	0.67669	0.14286	55	0.64	5%	0
004.07	Fiber, ANKOM (%)	0520	4.6050	0.07000	4.0040	0.67669	0.14286	55	0.89	8%	0
004.07	Fiber, ANKOM (%)	0019	4.7450	0.29000	4.0040	0.67669	0.14286	55	1.10	9%	0
004.07	Fiber, ANKOM (%)	0297	4.8500	0.06000	4.0040	0.67669	0.14286	55	1.25	11%	0
004.07	Fiber, ANKOM (%)	0613	4.8750	0.07000	4.0040	0.67669	0.14286	55	1.29	11%	0
004.07	Fiber, ANKOM (%)	0581	4.9000	0.20000	4.0040	0.67669	0.14286	55	1.32	11%	0
004.07	Fiber, ANKOM (%)	0202	4.9100	0.32000	4.0040	0.67669	0.14286	55	1.34	11%	0
004.07	Fiber, ANKOM (%)	2012	4.9500	0.16000	4.0040	0.67669	0.14286	55	1.40	12%	0
004.07	Fiber, ANKOM (%)	2124	5.0414	0.26630	4.0040	0.67669	0.14286	55	1.53	13%	0
004.07	Fiber, ANKOM (%)	0016	5.0500	0.40000	4.0040	0.67669	0.14286	55	1.55	13%	0
004.07	Fiber, ANKOM (%)	0089	5.0750	0.05000	4.0040	0.67669	0.14286	55	1.58	13%	0
004.07	Fiber, ANKOM (%)	0407	5.0804	0.67890	4.0040	0.67669	0.14286	55	1.59	13%	0
004.07	Fiber, ANKOM (%)	0294	5.8000	0.00000	4.0040	0.67669	0.14286	55	2.65	22%	0
004.07	Fiber, ANKOM (%)	0278	6.5500	0.10000	4.0040	0.67669	0.14286	55	3.76	32%	0
004.11	Fiber, NIR (%)	0613	2.0100	0.12000	2.3709	0.32062	0.12783	4	-1.13	8%	0
004.11	Fiber, NIR (%)	0553	2.2150	0.01000	2.3709	0.32062	0.12783	4	-0.49	3%	0
004.11	Fiber, NIR (%)	2128	2.5287	0.00130	2.3709	0.32062	0.12783	4	0.49	3%	0
004.11	Fiber, NIR (%)	0889	2.7300	0.38000	2.3709	0.32062	0.12783	4	1.12	8%	0
004.99	Fiber, Miscellaneous (%)	0629	3.1500	0.10000				3			0
004.99	Fiber, Miscellaneous (%)	0644	3.3300	0.10000				3			0
004.99	Fiber, Miscellaneous (%)	0940	3.9050	0.01000				3			0
005.00	Ash, 2h @ 600°C (%)	0874	5.5300	0.04000	5.9924	0.10178	0.06478	87	-4.54	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	
005.00	Ash, 2h @ 600°C (%)	0808	5.7300	0.10000	5.9924	0.10178	0.06478	87	-2.58	2%	0
005.00	Ash, 2h @ 600°C (%)	0539	5.8200	0.00000	5.9924	0.10178	0.06478	87	-1.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	5.8350	0.13000	5.9924	0.10178	0.06478	87	-1.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	5.8400	0.24000	5.9924	0.10178	0.06478	87	-1.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0169	5.8450	0.07000	5.9924	0.10178	0.06478	87	-1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	5.8500	0.10000	5.9924	0.10178	0.06478	87	-1.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	5.8600	0.06000	5.9924	0.10178	0.06478	87	-1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	5.8600	0.02000	5.9924	0.10178	0.06478	87	-1.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	5.8700	0.00000	5.9924	0.10178	0.06478	87	-1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	5.8800	0.02000	5.9924	0.10178	0.06478	87	-1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	5.8850	0.09000	5.9924	0.10178	0.06478	87	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	5.8950	0.01000	5.9924	0.10178	0.06478	87	-0.96	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	5.8969	0.06900	5.9924	0.10178	0.06478	87	-0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	5.9000	0.00000	5.9924	0.10178	0.06478	87	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	5.9050	0.05000	5.9924	0.10178	0.06478	87	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	5.9050	0.07000	5.9924	0.10178	0.06478	87	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0959	5.9050	0.09000	5.9924	0.10178	0.06478	87	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	5.9050	0.01000	5.9924	0.10178	0.06478	87	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	5.9155	0.00900	5.9924	0.10178	0.06478	87	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	5.9300	0.01000	5.9924	0.10178	0.06478	87	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	5.9350	0.07000	5.9924	0.10178	0.06478	87	-0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	5.9350	0.01000	5.9924	0.10178	0.06478	87	-0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	5.9371	0.07140	5.9924	0.10178	0.06478	87	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0596	5.9400	0.06000	5.9924	0.10178	0.06478	87	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	5.9450	0.01000	5.9924	0.10178	0.06478	87	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	5.9450	0.03000	5.9924	0.10178	0.06478	87	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	5.9500	0.14000	5.9924	0.10178	0.06478	87	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	5.9500	0.04000	5.9924	0.10178	0.06478	87	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	5.9500	0.10000	5.9924	0.10178	0.06478	87	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	5.9538	0.05050	5.9924	0.10178	0.06478	87	-0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0139	5.9550	0.03000	5.9924	0.10178	0.06478	87	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	5.9600	0.02000	5.9924	0.10178	0.06478	87	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	5.9600	0.02000	5.9924	0.10178	0.06478	87	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	2115	5.9700	0.00000	5.9924	0.10178	0.06478	87	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	5.9700	0.02000	5.9924	0.10178	0.06478	87	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	5.9750	0.03000	5.9924	0.10178	0.06478	87	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	5.9800	0.02000	5.9924	0.10178	0.06478	87	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	5.9800	0.14000	5.9924	0.10178	0.06478	87	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	5.9800	0.00000	5.9924	0.10178	0.06478	87	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	5.9800	0.02000	5.9924	0.10178	0.06478	87	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	2124	5.9825	0.00290	5.9924	0.10178	0.06478	87	-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	
005.00	Ash, 2h @ 600°C (%)	2162	5.9850	0.05000	5.9924	0.10178	0.06478	87	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	5.9864	0.00690	5.9924	0.10178	0.06478	87	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	5.9900	0.06000	5.9924	0.10178	0.06478	87	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	5.9900	0.00000	5.9924	0.10178	0.06478	87	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	5.9950	0.01000	5.9924	0.10178	0.06478	87	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	5.9950	0.01000	5.9924	0.10178	0.06478	87	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	5.9965	0.02900	5.9924	0.10178	0.06478	87	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0152	6.0000	0.00000	5.9924	0.10178	0.06478	87	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.0000	0.10000	5.9924	0.10178	0.06478	87	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.0000	0.02000	5.9924	0.10178	0.06478	87	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.0015	0.08470	5.9924	0.10178	0.06478	87	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	6.0050	0.05000	5.9924	0.10178	0.06478	87	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.0150	0.01000	5.9924	0.10178	0.06478	87	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.0200	0.08000	5.9924	0.10178	0.06478	87	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	6.0200	0.02000	5.9924	0.10178	0.06478	87	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.0250	0.03000	5.9924	0.10178	0.06478	87	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.0300	0.00000	5.9924	0.10178	0.06478	87	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.0400	0.18000	5.9924	0.10178	0.06478	87	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.0400	0.10000	5.9924	0.10178	0.06478	87	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.0400	0.00000	5.9924	0.10178	0.06478	87	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.0450	0.01000	5.9924	0.10178	0.06478	87	0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0051	6.0500	0.10000	5.9924	0.10178	0.06478	87	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.0560	0.02200	5.9924	0.10178	0.06478	87	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	6.0650	0.07000	5.9924	0.10178	0.06478	87	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	6.0650	0.07000	5.9924	0.10178	0.06478	87	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	6.0650	0.05000	5.9924	0.10178	0.06478	87	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.0700	0.02000	5.9924	0.10178	0.06478	87	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.0800	0.02000	5.9924	0.10178	0.06478	87	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	6.0800	0.06000	5.9924	0.10178	0.06478	87	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	6.0850	0.09000	5.9924	0.10178	0.06478	87	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.0850	0.01000	5.9924	0.10178	0.06478	87	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	6.0878	0.08170	5.9924	0.10178	0.06478	87	0.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	6.1000	0.20000	5.9924	0.10178	0.06478	87	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	6.1050	0.01000	5.9924	0.10178	0.06478	87	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	6.1400	0.04000	5.9924	0.10178	0.06478	87	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.1410	0.35900	5.9924	0.10178	0.06478	87	1.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	6.1450	0.01000	5.9924	0.10178	0.06478	87	1.50	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.1600	0.10000	5.9924	0.10178	0.06478	87	1.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.1750	0.15000	5.9924	0.10178	0.06478	87	1.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	6.2000	0.14000	5.9924	0.10178	0.06478	87	2.04	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	6.2400	0.04000	5.9924	0.10178	0.06478	87	2.43	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	
005.00	Ash, 2h @ 600°C (%)	0226	6.3000	0.00000	5.9924	0.10178	0.06478	87	3.02	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.4400	0.70000	5.9924	0.10178	0.06478	87	4.40	4%	0
005.00	Ash, 2h @ 600°C (%)	0187	6.5450	0.07000	5.9924	0.10178	0.06478	87	5.43	5%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.8500	0.30000	5.9924	0.10178	0.06478	87	18.25	15%	0
005.02	Ash, LECO (%)	2153	1.1423	0.19170				1			0
005.05	Ash, 3h @ 550°C (%)	0889	5.6950	0.19000	5.9773	0.07782	0.04923	20	-3.63	2%	0
005.05	Ash, 3h @ 550°C (%)	2109	5.8100	0.04000	5.9773	0.07782	0.04923	20	-2.15	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	5.9000	0.00000	5.9773	0.07782	0.04923	20	-0.99	1%	0
005.05	Ash, 3h @ 550°C (%)	0845	5.9050	0.07000	5.9773	0.07782	0.04923	20	-0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	5.9164	0.00000	5.9773	0.07782	0.04923	20	-0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	5.9350	0.17000	5.9773	0.07782	0.04923	20	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	5.9350	0.11000	5.9773	0.07782	0.04923	20	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	5.9585	0.01700	5.9773	0.07782	0.04923	20	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	5.9800	0.02000	5.9773	0.07782	0.04923	20	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	5.9816	0.00320	5.9773	0.07782	0.04923	20	0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	5.9850	0.05000	5.9773	0.07782	0.04923	20	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	2050	5.9850	0.01000	5.9773	0.07782	0.04923	20	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	6.0000	0.00000	5.9773	0.07782	0.04923	20	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.0056	0.01430	5.9773	0.07782	0.04923	20	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	6.0300	0.02000	5.9773	0.07782	0.04923	20	0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	6.0300	0.00000	5.9773	0.07782	0.04923	20	0.68	0%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.0400	0.10000	5.9773	0.07782	0.04923	20	0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	6.0500	0.10000	5.9773	0.07782	0.04923	20	0.93	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	6.1550	0.07000	5.9773	0.07782	0.04923	20	2.28	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	6.1600	0.00000	5.9773	0.07782	0.04923	20	2.35	2%	0
005.11	Ash, NIR (%)	0297	5.5500	0.06000	7.2314	1.3273	0.28958	4	-1.27	12%	0
005.11	Ash, NIR (%)	0613	6.9300	0.06000	7.2314	1.3273	0.28958	4	-0.23	2%	0
005.11	Ash, NIR (%)	0889	7.7750	0.47000	7.2314	1.3273	0.28958	4	0.41	4%	0
005.11	Ash, NIR (%)	2128	8.6707	0.56830	7.2314	1.3273	0.28958	4	1.08	10%	0
005.99	Ash, Miscellaneous (%)	0662	5.8427	0.10620	5.9802	0.09689	0.04385	12	-1.42	1%	0
005.99	Ash, Miscellaneous (%)	2023	5.8650	0.03000	5.9802	0.09689	0.04385	12	-1.19	1%	0
005.99	Ash, Miscellaneous (%)	0676	5.8850	0.01000	5.9802	0.09689	0.04385	12	-0.98	1%	0
005.99	Ash, Miscellaneous (%)	0884	5.9500	0.10000	5.9802	0.09689	0.04385	12	-0.31	0%	0
005.99	Ash, Miscellaneous (%)	0644	5.9650	0.05000	5.9802	0.09689	0.04385	12	-0.16	0%	0
005.99	Ash, Miscellaneous (%)	0574	5.9750	0.01000	5.9802	0.09689	0.04385	12	-0.05	0%	0
005.99	Ash, Miscellaneous (%)	0202	6.0000	0.02000	5.9802	0.09689	0.04385	12	0.20	0%	0
005.99	Ash, Miscellaneous (%)	0536	6.0000	0.08000	5.9802	0.09689	0.04385	12	0.20	0%	0
005.99	Ash, Miscellaneous (%)	0629	6.0150	0.03000	5.9802	0.09689	0.04385	12	0.36	0%	0
005.99	Ash, Miscellaneous (%)	0728	6.0650	0.09000	5.9802	0.09689	0.04385	12	0.87	1%	0
005.99	Ash, Miscellaneous (%)	0652	6.1000	0.00000	5.9802	0.09689	0.04385	12	1.24	1%	0
005.99	Ash, Miscellaneous (%)	0910	6.1000	0.00000	5.9802	0.09689	0.04385	12	1.24	1%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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			
006.00	Total sugars, As sucrose (%)	0910	1.0300	0.44000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	0.90000	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	2.0875	0.04900				2			0
006.99	Total sugars, Miscellaneous (%)	2114	0.68825	0.00890				2			0
006.99	Total sugars, Miscellaneous (%)	0956	1.4000	0.20000				2			0
008.02	Fiber, Acid Detergent (%)	0504	4.5600	0.80000	5.0964	0.48236	0.22749	15	-1.11	5%	0
008.02	Fiber, Acid Detergent (%)	0405	4.5750	0.15000	5.0964	0.48236	0.22749	15	-1.08	5%	0
008.02	Fiber, Acid Detergent (%)	0208	4.6100	1.0000	5.0964	0.48236	0.22749	15	-1.01	5%	0
008.02	Fiber, Acid Detergent (%)	0939	4.6350	0.07000	5.0964	0.48236	0.22749	15	-0.96	5%	0
008.02	Fiber, Acid Detergent (%)	0948	4.7350	0.05000	5.0964	0.48236	0.22749	15	-0.75	4%	0
008.02	Fiber, Acid Detergent (%)	0098	4.9550	0.01000	5.0964	0.48236	0.22749	15	-0.29	1%	0
008.02	Fiber, Acid Detergent (%)	0353	4.9600	0.06000	5.0964	0.48236	0.22749	15	-0.28	1%	0
008.02	Fiber, Acid Detergent (%)	0885	5.0015	0.05230	5.0964	0.48236	0.22749	15	-0.20	1%	0
008.02	Fiber, Acid Detergent (%)	0187	5.2250	0.01000	5.0964	0.48236	0.22749	15	0.27	1%	0
008.02	Fiber, Acid Detergent (%)	0345	5.2300	0.06000	5.0964	0.48236	0.22749	15	0.28	1%	0
008.02	Fiber, Acid Detergent (%)	0148	5.4500	0.02000	5.0964	0.48236	0.22749	15	0.73	3%	0
008.02	Fiber, Acid Detergent (%)	2115	5.5050	0.01000	5.0964	0.48236	0.22749	15	0.85	4%	0
008.02	Fiber, Acid Detergent (%)	0226	5.5500	0.10000	5.0964	0.48236	0.22749	15	0.94	4%	0
008.02	Fiber, Acid Detergent (%)	0038	5.6350	0.85000	5.0964	0.48236	0.22749	15	1.12	5%	0
008.02	Fiber, Acid Detergent (%)	0675	6.1050	0.17000	5.0964	0.48236	0.22749	15	2.09	10%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	6.7000	0.00000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	3.8250	0.13000	5.5163	1.1680	0.28707	39	-1.45	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	4.1500	0.10000	5.5163	1.1680	0.28707	39	-1.17	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0878	4.1550	0.13000	5.5163	1.1680	0.28707	39	-1.17	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	4.2600	0.26000	5.5163	1.1680	0.28707	39	-1.08	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	4.4000	0.20000	5.5163	1.1680	0.28707	39	-0.96	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	4.4091	0.14840	5.5163	1.1680	0.28707	39	-0.95	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	4.4250	0.25000	5.5163	1.1680	0.28707	39	-0.93	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	4.5000	0.00000	5.5163	1.1680	0.28707	39	-0.87	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0016	4.5100	0.16000	5.5163	1.1680	0.28707	39	-0.86	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	4.5300	0.62000	5.5163	1.1680	0.28707	39	-0.84	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	4.7200	0.16000	5.5163	1.1680	0.28707	39	-0.68	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	4.7350	0.31000	5.5163	1.1680	0.28707	39	-0.67	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	4.8500	0.18000	5.5163	1.1680	0.28707	39	-0.57	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0042	4.8700	0.04000	5.5163	1.1680	0.28707	39	-0.55	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	4.9800	0.16000	5.5163	1.1680	0.28707	39	-0.46	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	5.0400	0.70000	5.5163	1.1680	0.28707	39	-0.41	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	5.2150	0.89000	5.5163	1.1680	0.28707	39	-0.26	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	5.2500	0.02000	5.5163	1.1680	0.28707	39	-0.23	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	5.2800	0.16000	5.5163	1.1680	0.28707	39	-0.20	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	5.5000	0.10000	5.5163	1.1680	0.28707	39	-0.01	0%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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 (%)	0358	5.5450	0.43000	5.5163	1.1680	0.28707	39	0.02	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	5.5500	0.30000	5.5163	1.1680	0.28707	39	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	5.5600	0.22000	5.5163	1.1680	0.28707	39	0.04	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	5.6150	0.65000	5.5163	1.1680	0.28707	39	0.08	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	5.9300	0.50000	5.5163	1.1680	0.28707	39	0.35	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	5.9350	0.03000	5.5163	1.1680	0.28707	39	0.36	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.0000	0.00000	5.5163	1.1680	0.28707	39	0.41	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	6.0400	0.52000	5.5163	1.1680	0.28707	39	0.45	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.0500	0.34000	5.5163	1.1680	0.28707	39	0.46	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	6.0650	0.57000	5.5163	1.1680	0.28707	39	0.47	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	6.5500	0.30000	5.5163	1.1680	0.28707	39	0.89	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	6.6850	0.35000	5.5163	1.1680	0.28707	39	1.00	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	6.8200	0.12000	5.5163	1.1680	0.28707	39	1.12	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	6.9400	0.00000	5.5163	1.1680	0.28707	39	1.22	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	7.2000	0.20000	5.5163	1.1680	0.28707	39	1.44	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	7.2415	0.12500	5.5163	1.1680	0.28707	39	1.48	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	7.3535	0.22220	5.5163	1.1680	0.28707	39	1.57	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	7.5000	0.20000	5.5163	1.1680	0.28707	39	1.70	18%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	8.0000	1.4000	5.5163	1.1680	0.28707	39	2.13	23%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	4.5300	0.78000				2			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	4.5500	0.10000				2			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	10.170	0.32000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	2115	0.18000	0.00000	9.5095	2.3329	0.23667	9	-4.00	49%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	7.9000	0.20000	9.5095	2.3329	0.23667	9	-0.69	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	8.0700	0.10000	9.5095	2.3329	0.23667	9	-0.62	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	8.1450	0.65000	9.5095	2.3329	0.23667	9	-0.58	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	10.245	0.55000	9.5095	2.3329	0.23667	9	0.32	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	10.325	0.31000	9.5095	2.3329	0.23667	9	0.35	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	11.350	0.10000	9.5095	2.3329	0.23667	9	0.79	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	11.400	0.20000	9.5095	2.3329	0.23667	9	0.81	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	12.140	0.02000	9.5095	2.3329	0.23667	9	1.13	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	8.0000	0.32000	10.645	1.9851	0.40524	31	-1.33	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	8.4400	0.02000	10.645	1.9851	0.40524	31	-1.11	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	8.6100	0.18000	10.645	1.9851	0.40524	31	-1.03	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0878	8.6400	0.32000	10.645	1.9851	0.40524	31	-1.01	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	8.7000	0.40000	10.645	1.9851	0.40524	31	-0.98	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	8.9600	1.3200	10.645	1.9851	0.40524	31	-0.85	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	9.1147	0.33350	10.645	1.9851	0.40524	31	-0.77	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	9.2500	0.30000	10.645	1.9851	0.40524	31	-0.70	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	9.3766	0.30680	10.645	1.9851	0.40524	31	-0.64	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	9.5100	0.04000	10.645	1.9851	0.40524	31	-0.57	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	9.5350	0.13000	10.645	1.9851	0.40524	31	-0.56	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	9.5550	0.15000	10.645	1.9851	0.40524	31	-0.55	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	9.6400	2.0200	10.645	1.9851	0.40524	31	-0.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	9.9650	0.05000	10.645	1.9851	0.40524	31	-0.34	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	10.073	1.0700	10.645	1.9851	0.40524	31	-0.29	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	10.100	0.00000	10.645	1.9851	0.40524	31	-0.27	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	10.100	0.00000	10.645	1.9851	0.40524	31	-0.27	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	10.420	1.3600	10.645	1.9851	0.40524	31	-0.11	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	10.790	0.06000	10.645	1.9851	0.40524	31	0.07	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	11.650	0.30000	10.645	1.9851	0.40524	31	0.51	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	11.700	0.44000	10.645	1.9851	0.40524	31	0.53	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	11.700	0.00000	10.645	1.9851	0.40524	31	0.53	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	11.740	0.22000	10.645	1.9851	0.40524	31	0.55	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	12.285	0.11000	10.645	1.9851	0.40524	31	0.83	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	12.410	0.28000	10.645	1.9851	0.40524	31	0.89	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	12.600	0.20000	10.645	1.9851	0.40524	31	0.98	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	12.804	0.10220	10.645	1.9851	0.40524	31	1.09	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	13.455	0.13000	10.645	1.9851	0.40524	31	1.42	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	13.750	2.3000	10.645	1.9851	0.40524	31	1.56	15%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	14.900	0.00000	10.645	1.9851	0.40524	31	2.14	20%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	18.350	0.10000	10.645	1.9851	0.40524	31	3.88	36%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	9.8250	0.77000				2			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	11.275	0.51000				2			0
010.03	Moisture, Karl-Fischer (%)	0843	5.8200	0.16000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	6.2650	0.13000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	6.5150	0.31000				3			0
010.11	Moisture, NIR (%)	2128	5.0625	0.20030	6.1094	0.80378	0.22758	4	-1.30	9%	0
010.11	Moisture, NIR (%)	0889	5.8950	0.61000	6.1094	0.80378	0.22758	4	-0.27	2%	0
010.11	Moisture, NIR (%)	0553	6.7200	0.04000	6.1094	0.80378	0.22758	4	0.76	5%	0
010.11	Moisture, NIR (%)	0852	6.7600	0.06000	6.1094	0.80378	0.22758	4	0.81	5%	0
010.99	Moisture, Miscellaneous (%)	2155	5.5400	0.22000	6.2766	0.29070	0.10064	14	-2.53	6%	0
010.99	Moisture, Miscellaneous (%)	0964	5.9275	0.01900	6.2766	0.29070	0.10064	14	-1.20	3%	0
010.99	Moisture, Miscellaneous (%)	0921	5.9800	0.34000	6.2766	0.29070	0.10064	14	-1.02	2%	0
010.99	Moisture, Miscellaneous (%)	2089	6.1300	0.12000	6.2766	0.29070	0.10064	14	-0.50	1%	0
010.99	Moisture, Miscellaneous (%)	0948	6.1400	0.04000	6.2766	0.29070	0.10064	14	-0.47	1%	0
010.99	Moisture, Miscellaneous (%)	0939	6.1950	0.19000	6.2766	0.29070	0.10064	14	-0.28	1%	0
010.99	Moisture, Miscellaneous (%)	0884	6.2000	0.00000	6.2766	0.29070	0.10064	14	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	0952	6.3300	0.04000	6.2766	0.29070	0.10064	14	0.18	0%	0
010.99	Moisture, Miscellaneous (%)	0405	6.4000	0.20000	6.2766	0.29070	0.10064	14	0.42	1%	0
010.99	Moisture, Miscellaneous (%)	0726	6.4850	0.03000	6.2766	0.29070	0.10064	14	0.72	2%	0
010.99	Moisture, Miscellaneous (%)	0190	6.4950	0.05000	6.2766	0.29070	0.10064	14	0.75	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	
010.99	Moisture, Miscellaneous (%)	2150	6.5050	0.01000	6.2766	0.29070	0.10064	14	0.79	2%	0
010.99	Moisture, Miscellaneous (%)	2122	6.6000	0.00000	6.2766	0.29070	0.10064	14	1.11	3%	0
010.99	Moisture, Miscellaneous (%)	2129	6.6450	0.15000	6.2766	0.29070	0.10064	14	1.27	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	4.4250	0.09000	6.5625	0.20512	0.11797	67	-10.42	16%	0
011.01	Loss on Drying, 135°C 2hr (%)	2095	5.2000	1.3000	6.5625	0.20512	0.11797	67	-6.64	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	5.2350	0.05000	6.5625	0.20512	0.11797	67	-6.47	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	5.7450	0.01000	6.5625	0.20512	0.11797	67	-3.99	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	5.9350	0.05000	6.5625	0.20512	0.11797	67	-3.06	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	5.9950	0.23000	6.5625	0.20512	0.11797	67	-2.77	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	6.0500	0.20000	6.5625	0.20512	0.11797	67	-2.50	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	6.3150	0.05000	6.5625	0.20512	0.11797	67	-1.21	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	6.3180	0.03800	6.5625	0.20512	0.11797	67	-1.19	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	6.3250	0.01000	6.5625	0.20512	0.11797	67	-1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	6.3570	0.01800	6.5625	0.20512	0.11797	67	-1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	6.3600	0.06000	6.5625	0.20512	0.11797	67	-0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	6.3850	0.37000	6.5625	0.20512	0.11797	67	-0.87	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	6.4000	0.00000	6.5625	0.20512	0.11797	67	-0.79	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	6.4291	0.04640	6.5625	0.20512	0.11797	67	-0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	6.4300	0.02000	6.5625	0.20512	0.11797	67	-0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	6.4350	0.13000	6.5625	0.20512	0.11797	67	-0.62	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	6.4500	0.10000	6.5625	0.20512	0.11797	67	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	6.4600	0.00000	6.5625	0.20512	0.11797	67	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	6.4600	0.02000	6.5625	0.20512	0.11797	67	-0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	6.4650	0.05000	6.5625	0.20512	0.11797	67	-0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	6.4750	0.07000	6.5625	0.20512	0.11797	67	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	6.4850	0.21000	6.5625	0.20512	0.11797	67	-0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	6.4995	0.05100	6.5625	0.20512	0.11797	67	-0.31	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	6.5000	0.00000	6.5625	0.20512	0.11797	67	-0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	6.5150	0.09000	6.5625	0.20512	0.11797	67	-0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	6.5262	0.05940	6.5625	0.20512	0.11797	67	-0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	6.5300	0.14000	6.5625	0.20512	0.11797	67	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	6.5300	0.02000	6.5625	0.20512	0.11797	67	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	6.5300	0.18000	6.5625	0.20512	0.11797	67	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2162	6.5350	0.05000	6.5625	0.20512	0.11797	67	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	6.5425	0.08100	6.5625	0.20512	0.11797	67	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	6.5500	0.10000	6.5625	0.20512	0.11797	67	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	6.5500	0.10000	6.5625	0.20512	0.11797	67	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	6.5550	0.09000	6.5625	0.20512	0.11797	67	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	6.5750	0.25000	6.5625	0.20512	0.11797	67	0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	6.5850	0.13000	6.5625	0.20512	0.11797	67	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	6.6000	0.12000	6.5625	0.20512	0.11797	67	0.18	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	
011.01	Loss on Drying, 135°C 2hr (%)	0233	6.6150	0.01000	6.5625	0.20512	0.11797	67	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	6.6150	0.25000	6.5625	0.20512	0.11797	67	0.26	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	6.6210	0.00400	6.5625	0.20512	0.11797	67	0.29	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	6.6250	0.01000	6.5625	0.20512	0.11797	67	0.30	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	6.6350	0.01000	6.5625	0.20512	0.11797	67	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	6.6500	0.10000	6.5625	0.20512	0.11797	67	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	6.6550	0.19000	6.5625	0.20512	0.11797	67	0.45	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	6.6600	0.00000	6.5625	0.20512	0.11797	67	0.48	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	6.6650	0.01000	6.5625	0.20512	0.11797	67	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0808	6.6650	0.03000	6.5625	0.20512	0.11797	67	0.50	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	6.6750	0.19000	6.5625	0.20512	0.11797	67	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	6.6950	0.09000	6.5625	0.20512	0.11797	67	0.65	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	6.7000	0.04000	6.5625	0.20512	0.11797	67	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	6.7000	0.20000	6.5625	0.20512	0.11797	67	0.67	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	6.7050	0.05000	6.5625	0.20512	0.11797	67	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	6.7200	0.10000	6.5625	0.20512	0.11797	67	0.77	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	6.7600	0.16000	6.5625	0.20512	0.11797	67	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	6.7650	0.11000	6.5625	0.20512	0.11797	67	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	6.7665	0.00900	6.5625	0.20512	0.11797	67	0.99	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	6.7700	1.0800	6.5625	0.20512	0.11797	67	1.01	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	6.7950	0.15000	6.5625	0.20512	0.11797	67	1.13	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	6.8000	0.00000	6.5625	0.20512	0.11797	67	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	6.8050	0.13000	6.5625	0.20512	0.11797	67	1.18	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	6.8200	0.00000	6.5625	0.20512	0.11797	67	1.26	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	6.8900	0.04000	6.5625	0.20512	0.11797	67	1.60	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0959	6.9300	0.26000	6.5625	0.20512	0.11797	67	1.79	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	6.9350	0.05000	6.5625	0.20512	0.11797	67	1.82	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	6.9362	0.00690	6.5625	0.20512	0.11797	67	1.82	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	7.1000	0.04000	6.5625	0.20512	0.11797	67	2.62	4%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	6.0600	0.14000	6.7569	0.72633	0.24325	4	-0.96	5%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	0417	6.3100	0.08000	6.7569	0.72633	0.24325	4	-0.62	3%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2023	6.9800	0.14000	6.7569	0.72633	0.24325	4	0.31	2%	0
011.02	Loss on Drying, 130°C for 2 hours (%)	2083	7.6775	0.61300	6.7569	0.72633	0.24325	4	1.27	7%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	6.3950	0.07000	6.5713	0.17495	0.12750	4	-1.01	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	6.4500	0.10000	6.5713	0.17495	0.12750	4	-0.69	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	6.6900	0.02000	6.5713	0.17495	0.12750	4	0.68	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	6.7500	0.32000	6.5713	0.17495	0.12750	4	1.02	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	33.370	0.96000	35.500	1.5702	0.64333	6	-1.36	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	34.430	0.70000	35.500	1.5702	0.64333	6	-0.68	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	35.650	0.10000	35.500	1.5702	0.64333	6	0.10	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	35.800	1.6000	35.500	1.5702	0.64333	6	0.19	0%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
012.00	Starch, Polarimetric (Ewers) (%)	0878	36.800	0.20000	35.500	1.5702	0.64333	6	0.83	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2023	36.950	0.30000	35.500	1.5702	0.64333	6	0.92	2%	0
012.01	Starch, Megazyme (%)	0918	26.595	2.1700	33.641	2.0751	1.2708	9	-3.40	10%	0
012.01	Starch, Megazyme (%)	0676	31.065	0.05000	33.641	2.0751	1.2708	9	-1.24	4%	0
012.01	Starch, Megazyme (%)	0265	32.500	0.40000	33.641	2.0751	1.2708	9	-0.55	2%	0
012.01	Starch, Megazyme (%)	0164	34.050	0.70000	33.641	2.0751	1.2708	9	0.20	1%	0
012.01	Starch, Megazyme (%)	0693	34.450	0.10000	33.641	2.0751	1.2708	9	0.39	1%	0
012.01	Starch, Megazyme (%)	0045	34.700	1.8000	33.641	2.0751	1.2708	9	0.51	2%	0
012.01	Starch, Megazyme (%)	0613	34.725	2.9700	33.641	2.0751	1.2708	9	0.52	2%	0
012.01	Starch, Megazyme (%)	0870	35.249	0.84710	33.641	2.0751	1.2708	9	0.78	2%	0
012.01	Starch, Megazyme (%)	0956	35.500	2.4000	33.641	2.0751	1.2708	9	0.90	3%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	39.265	0.37000				1			0
012.03	Starch, Enzymatic (%)	0885	29.095	0.55900	31.651	2.7904	0.47475	4	-0.92	4%	0
012.03	Starch, Enzymatic (%)	0297	29.475	0.11000	31.651	2.7904	0.47475	4	-0.78	3%	0
012.03	Starch, Enzymatic (%)	0098	33.350	0.90000	31.651	2.7904	0.47475	4	0.61	3%	0
012.03	Starch, Enzymatic (%)	0407	34.685	0.33000	31.651	2.7904	0.47475	4	1.09	5%	0
012.04	Starch, YSI Analyzer (%)	0510	28.550	1.5000	33.034	2.5382	0.67200	5	-12.16	8%	0
012.04	Starch, YSI Analyzer (%)	0948	33.680	0.36000	33.034	2.5382	0.67200	5	-1.03	1%	0
012.04	Starch, YSI Analyzer (%)	0160	34.010	0.40000	33.034	2.5382	0.67200	5	-0.31	0%	0
012.04	Starch, YSI Analyzer (%)	0278	34.150	0.50000	33.034	2.5382	0.67200	5	-0.01	0%	0
012.04	Starch, YSI Analyzer (%)	0353	34.780	0.60000	33.034	2.5382	0.67200	5	1.36	1%	0
012.11	Starch, NIR (%)	0297	34.060	0.08000				3			0
012.11	Starch, NIR (%)	0889	35.090	0.46000				3			0
012.11	Starch, NIR (%)	2128	35.178	0.11700				3			0
012.99	Starch, Miscellaneous (%)	2068	39.745	0.13000				1			0
013.00	Fat, Acid hydrolysis (%)	0297	4.5000	0.12000	11.991	0.34822	0.25944	18	-21.51	31%	0
013.00	Fat, Acid hydrolysis (%)	0541	11.415	0.49000	11.991	0.34822	0.25944	18	-1.65	2%	0
013.00	Fat, Acid hydrolysis (%)	0202	11.730	0.84000	11.991	0.34822	0.25944	18	-0.75	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	11.785	0.07000	11.991	0.34822	0.25944	18	-0.59	1%	0
013.00	Fat, Acid hydrolysis (%)	0242	11.830	0.04000	11.991	0.34822	0.25944	18	-0.46	1%	0
013.00	Fat, Acid hydrolysis (%)	0504	11.830	0.20000	11.991	0.34822	0.25944	18	-0.46	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	11.900	0.24000	11.991	0.34822	0.25944	18	-0.26	0%	0
013.00	Fat, Acid hydrolysis (%)	0035	11.900	0.36000	11.991	0.34822	0.25944	18	-0.26	0%	0
013.00	Fat, Acid hydrolysis (%)	0652	11.900	0.00000	11.991	0.34822	0.25944	18	-0.26	0%	0
013.00	Fat, Acid hydrolysis (%)	0910	11.905	0.13000	11.991	0.34822	0.25944	18	-0.25	0%	0
013.00	Fat, Acid hydrolysis (%)	0098	12.015	0.25000	11.991	0.34822	0.25944	18	0.07	0%	0
013.00	Fat, Acid hydrolysis (%)	0139	12.040	0.02000	11.991	0.34822	0.25944	18	0.14	0%	0
013.00	Fat, Acid hydrolysis (%)	2156	12.125	0.05000	11.991	0.34822	0.25944	18	0.38	1%	0
013.00	Fat, Acid hydrolysis (%)	0884	12.250	0.10000	11.991	0.34822	0.25944	18	0.74	1%	0
013.00	Fat, Acid hydrolysis (%)	0615	12.315	0.23000	11.991	0.34822	0.25944	18	0.93	1%	0
013.00	Fat, Acid hydrolysis (%)	0689	12.350	0.30000	11.991	0.34822	0.25944	18	1.03	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	
013.00	Fat, Acid hydrolysis (%)	2023	14.980	0.72000	11.991	0.34822	0.25944	18	8.58	12%	0
013.00	Fat, Acid hydrolysis (%)	0034	15.075	0.51000	11.991	0.34822	0.25944	18	8.86	13%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	11.130	0.24000	12.312	0.36539	0.30449	34	-3.24	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	11.410	0.36000	12.312	0.36539	0.30449	34	-2.47	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0511	11.670	0.08000	12.312	0.36539	0.30449	34	-1.76	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0013	11.960	0.90000	12.312	0.36539	0.30449	34	-0.96	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	11.995	0.01000	12.312	0.36539	0.30449	34	-0.87	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	12.034	0.27100	12.312	0.36539	0.30449	34	-0.76	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0505	12.075	0.11000	12.312	0.36539	0.30449	34	-0.65	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0004	12.090	0.38000	12.312	0.36539	0.30449	34	-0.61	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	12.100	0.24000	12.312	0.36539	0.30449	34	-0.58	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	12.105	0.07000	12.312	0.36539	0.30449	34	-0.57	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	12.150	0.10000	12.312	0.36539	0.30449	34	-0.44	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0032	12.165	0.01000	12.312	0.36539	0.30449	34	-0.40	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	12.175	0.09000	12.312	0.36539	0.30449	34	-0.38	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	12.185	0.15000	12.312	0.36539	0.30449	34	-0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0510	12.200	0.20000	12.312	0.36539	0.30449	34	-0.31	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	12.205	0.13000	12.312	0.36539	0.30449	34	-0.29	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0175	12.235	0.13000	12.312	0.36539	0.30449	34	-0.21	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0808	12.240	0.14000	12.312	0.36539	0.30449	34	-0.20	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0964	12.245	0.27000	12.312	0.36539	0.30449	34	-0.18	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	12.305	0.17000	12.312	0.36539	0.30449	34	-0.02	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	12.360	0.12000	12.312	0.36539	0.30449	34	0.13	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	12.420	0.16000	12.312	0.36539	0.30449	34	0.30	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0959	12.430	0.06000	12.312	0.36539	0.30449	34	0.32	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0512	12.435	0.59000	12.312	0.36539	0.30449	34	0.34	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	12.485	0.06180	12.312	0.36539	0.30449	34	0.47	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	12.575	0.07000	12.312	0.36539	0.30449	34	0.72	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	12.580	0.12000	12.312	0.36539	0.30449	34	0.73	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	12.600	1.0000	12.312	0.36539	0.30449	34	0.79	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	12.745	0.51000	12.312	0.36539	0.30449	34	1.18	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	12.795	1.5700	12.312	0.36539	0.30449	34	1.32	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0010	12.850	0.50000	12.312	0.36539	0.30449	34	1.47	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	13.250	0.70000	12.312	0.36539	0.30449	34	2.57	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0034	15.075	0.51000	12.312	0.36539	0.30449	34	7.56	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0596	15.475	0.33000	12.312	0.36539	0.30449	34	8.66	13%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	2150	10.390	0.10000				2			0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	10.798	0.00700				2			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0613	9.7400	0.68000	11.229	0.54522	0.28779	11	-2.73	7%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	10.800	0.08000	11.229	0.54522	0.28779	11	-0.79	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2095	10.815	0.63000	11.229	0.54522	0.28779	11	-0.76	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2162	10.860	0.64000	11.229	0.54522	0.28779	11	-0.68	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0263	10.977	0.12700	11.229	0.54522	0.28779	11	-0.46	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	11.263	0.01870	11.229	0.54522	0.28779	11	0.06	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0033	11.450	0.50000	11.229	0.54522	0.28779	11	0.41	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	11.660	0.00000	11.229	0.54522	0.28779	11	0.79	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	11.740	0.38000	11.229	0.54522	0.28779	11	0.94	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	11.770	0.04000	11.229	0.54522	0.28779	11	0.99	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	11.775	0.07000	11.229	0.54522	0.28779	11	1.00	2%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	0613	9.6000	0.04000				2			0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	12.220	0.02000				2			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	10.600	0.30000	11.539	0.58282	0.28800	6	-1.61	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0653	11.395	0.03000	11.539	0.58282	0.28800	6	-0.25	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	11.399	0.14800	11.539	0.58282	0.28800	6	-0.24	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	11.750	0.50000	11.539	0.58282	0.28800	6	0.36	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0019	11.905	0.01000	11.539	0.58282	0.28800	6	0.63	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	12.120	0.74000	11.539	0.58282	0.28800	6	1.00	3%	0
014.99	Fiber, total dietary TDF, Miscellaneous (%)	0164	10.550	0.70000				1			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	17.900	2.5200	42.601	19.502	2.7098	4	-1.27	29%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	36.500	1.0000	42.601	19.502	2.7098	4	-0.31	7%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	54.905	0.51000	42.601	19.502	2.7098	4	0.63	14%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0964	61.101	6.8091	42.601	19.502	2.7098	4	0.95	22%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	64.250	3.1000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	49.000	0.00000	66.069	12.369	1.8290	6	-1.38	13%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	61.500	3.0000	66.069	12.369	1.8290	6	-0.37	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	62.865	2.4740	66.069	12.369	1.8290	6	-0.26	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	69.050	2.7000	66.069	12.369	1.8290	6	0.24	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	73.500	1.8000	66.069	12.369	1.8290	6	0.60	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	80.500	1.0000	66.069	12.369	1.8290	6	1.17	11%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	1.3350	0.11000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	1.4750	0.17000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	2.2500	0.18000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	0.70000	1.4000				3			4
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	2.3500	0.16000	2.7940	0.79979	0.18800	5	-1.17	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	2.4100	0.40000	2.7940	0.79979	0.18800	5	-0.37	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	2.4650	0.31000	2.7940	0.79979	0.18800	5	0.37	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	2.5250	0.03000	2.7940	0.79979	0.18800	5	1.17	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	4.2200	0.04000	2.7940	0.79979	0.18800	5	23.80	37%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	2.5000	0.20000	2.8300	0.23580	0.63000	4	-1.08	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	2.8200	0.32000	2.8300	0.23580	0.63000	4	0.18	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	3.0000	2.0000	2.8300	0.23580	0.63000	4	0.90	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	2.8300	0.23580	0.63000	4	0.90	4%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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			
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	2.8300	0.23580	0.63000	4			4
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	0.96700	0.03200	1.1287	0.10833	0.02637	11	-1.49	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.0400	0.00200	1.1287	0.10833	0.02637	11	-0.82	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.0581	0.01490	1.1287	0.10833	0.02637	11	-0.65	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.0950	0.01000	1.1287	0.10833	0.02637	11	-0.31	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.1000	0.00000	1.1287	0.10833	0.02637	11	-0.27	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.1050	0.01000	1.1287	0.10833	0.02637	11	-0.22	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.1170	0.00200	1.1287	0.10833	0.02637	11	-0.11	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.1750	0.05000	1.1287	0.10833	0.02637	11	0.43	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2115	1.2350	0.05000	1.1287	0.10833	0.02637	11	0.98	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.2450	0.05000	1.1287	0.10833	0.02637	11	1.07	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	1.2791	0.06920	1.1287	0.10833	0.02637	11	1.39	7%	0
019.02	Calcium, Hach Method (%)	0536	0.98500	0.05000				2			0
019.02	Calcium, Hach Method (%)	2128	1.1595	0.00100				2			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.1323	0.00060				1			0
019.08	Calcium, EDTA (%)	0940	0.99000	0.04000	1.0711	0.04054	0.02436	9	-2.00	4%	0
019.08	Calcium, EDTA (%)	0849	1.0440	0.00800	1.0711	0.04054	0.02436	9	-0.67	1%	0
019.08	Calcium, EDTA (%)	0590	1.0550	0.01000	1.0711	0.04054	0.02436	9	-0.40	1%	0
019.08	Calcium, EDTA (%)	0138	1.0590	0.01400	1.0711	0.04054	0.02436	9	-0.30	1%	0
019.08	Calcium, EDTA (%)	0629	1.0675	0.00500	1.0711	0.04054	0.02436	9	-0.09	0%	0
019.08	Calcium, EDTA (%)	0689	1.0800	0.02000	1.0711	0.04054	0.02436	9	0.22	0%	0
019.08	Calcium, EDTA (%)	0885	1.0805	0.00700	1.0711	0.04054	0.02436	9	0.23	0%	0
019.08	Calcium, EDTA (%)	2009	1.1114	0.01520	1.0711	0.04054	0.02436	9	1.00	2%	0
019.08	Calcium, EDTA (%)	0852	1.5500	0.10000	1.0711	0.04054	0.02436	9	11.81	22%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.1600	0.04200				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	0.97000	0.14000	1.0968	0.07023	0.03513	23	-1.81	6%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.99075	0.05050	1.0968	0.07023	0.03513	23	-1.51	5%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.0200	0.04000	1.0968	0.07023	0.03513	23	-1.09	4%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.0240	0.00400	1.0968	0.07023	0.03513	23	-1.04	3%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.0300	0.02000	1.0968	0.07023	0.03513	23	-0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.0430	0.05600	1.0968	0.07023	0.03513	23	-0.77	2%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.0550	0.01000	1.0968	0.07023	0.03513	23	-0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.0650	0.01000	1.0968	0.07023	0.03513	23	-0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.0685	0.00830	1.0968	0.07023	0.03513	23	-0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.0870	0.00800	1.0968	0.07023	0.03513	23	-0.14	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.0900	0.00000	1.0968	0.07023	0.03513	23	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.1100	0.02000	1.0968	0.07023	0.03513	23	0.19	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.1100	0.00000	1.0968	0.07023	0.03513	23	0.19	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.1200	0.00000	1.0968	0.07023	0.03513	23	0.33	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.1300	0.04000	1.0968	0.07023	0.03513	23	0.47	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.1300	0.02000	1.0968	0.07023	0.03513	23	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	
019.31	Calcium, AAS, Dry ash (%)	2097	1.1385	0.07130	1.0968	0.07023	0.03513	23	0.59	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.1450	0.01000	1.0968	0.07023	0.03513	23	0.69	2%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.1550	0.03000	1.0968	0.07023	0.03513	23	0.83	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.1600	0.12000	1.0968	0.07023	0.03513	23	0.90	3%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.1650	0.05000	1.0968	0.07023	0.03513	23	0.97	3%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.1950	0.09000	1.0968	0.07023	0.03513	23	1.40	4%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.2850	0.01000	1.0968	0.07023	0.03513	23	2.68	9%	0
019.32	Calcium, AAS, Open vessel (%)	0263	1.0501	0.00820	1.0988	0.04810	0.01255	4	-1.01	2%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.0650	0.01000	1.0988	0.04810	0.01255	4	-0.70	2%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.1360	0.02800	1.0988	0.04810	0.01255	4	0.77	2%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.1440	0.00400	1.0988	0.04810	0.01255	4	0.94	2%	0
019.33	Calcium, AAS, Microwave (%)	0035	0.94000	0.00000				3			0
019.33	Calcium, AAS, Microwave (%)	0010	1.1550	0.05000				3			0
019.33	Calcium, AAS, Microwave (%)	0504	1.1932	0.10570				3			0
019.34	Calcium, AAS, Dry ash (%)	0653	1.0800	0.00200				1			0
019.41	Calcium, ICP, Dry ash (%)	0405	0.72500	0.05000	1.0915	0.06087	0.02033	26	-6.02	17%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.98500	0.03000	1.0915	0.06087	0.02033	26	-1.75	5%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.0050	0.01000	1.0915	0.06087	0.02033	26	-1.42	4%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.0400	0.02000	1.0915	0.06087	0.02033	26	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.0450	0.01000	1.0915	0.06087	0.02033	26	-0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.0505	0.01900	1.0915	0.06087	0.02033	26	-0.67	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.0550	0.01000	1.0915	0.06087	0.02033	26	-0.60	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.0600	0.02000	1.0915	0.06087	0.02033	26	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.0600	0.00000	1.0915	0.06087	0.02033	26	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.0700	0.02000	1.0915	0.06087	0.02033	26	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	1.0735	0.00880	1.0915	0.06087	0.02033	26	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.0750	0.01000	1.0915	0.06087	0.02033	26	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.0900	0.05600	1.0915	0.06087	0.02033	26	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.0900	0.00000	1.0915	0.06087	0.02033	26	-0.02	0%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.0950	0.01000	1.0915	0.06087	0.02033	26	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.1000	0.00000	1.0915	0.06087	0.02033	26	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.1000	0.00000	1.0915	0.06087	0.02033	26	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.1115	0.00100	1.0915	0.06087	0.02033	26	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.1418	0.00800	1.0915	0.06087	0.02033	26	0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0964	1.1442	0.01780	1.0915	0.06087	0.02033	26	0.87	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.1450	0.05000	1.0915	0.06087	0.02033	26	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.1500	0.02000	1.0915	0.06087	0.02033	26	0.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.1500	0.10000	1.0915	0.06087	0.02033	26	0.96	3%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.1640	0.03600	1.0915	0.06087	0.02033	26	1.19	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.1800	0.02000	1.0915	0.06087	0.02033	26	1.45	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.2100	0.00200	1.0915	0.06087	0.02033	26	1.95	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	
019.42	Calcium, ICP, Open vessel (%)	0026	0.83500	0.13000	1.1151	0.09593	0.04988	21	-2.92	13%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.99400	0.00600	1.1151	0.09593	0.04988	21	-1.26	5%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.0330	0.23400	1.1151	0.09593	0.04988	21	-0.86	4%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.0350	0.01000	1.1151	0.09593	0.04988	21	-0.83	4%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.0400	0.02000	1.1151	0.09593	0.04988	21	-0.78	3%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.0470	0.01600	1.1151	0.09593	0.04988	21	-0.71	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.0650	0.19000	1.1151	0.09593	0.04988	21	-0.52	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.0750	0.03000	1.1151	0.09593	0.04988	21	-0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.0770	0.01000	1.1151	0.09593	0.04988	21	-0.40	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.0900	0.04000	1.1151	0.09593	0.04988	21	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.1055	0.06700	1.1151	0.09593	0.04988	21	-0.10	0%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.1200	0.04000	1.1151	0.09593	0.04988	21	0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.1450	0.11000	1.1151	0.09593	0.04988	21	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.1500	0.04000	1.1151	0.09593	0.04988	21	0.36	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.1527	0.01240	1.1151	0.09593	0.04988	21	0.39	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.1550	0.01000	1.1151	0.09593	0.04988	21	0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.1800	0.02000	1.1151	0.09593	0.04988	21	0.68	3%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.2200	0.04000	1.1151	0.09593	0.04988	21	1.09	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.2470	0.00200	1.1151	0.09593	0.04988	21	1.38	6%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.2550	0.01000	1.1151	0.09593	0.04988	21	1.46	6%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.2650	0.01000	1.1151	0.09593	0.04988	21	1.56	7%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.0200	0.06000	1.1127	0.05307	4.0994	22	-1.75	4%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.0500	0.02000	1.1127	0.05307	4.0994	22	-1.18	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.0636	0.00410	1.1127	0.05307	4.0994	22	-0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.0650	0.01000	1.1127	0.05307	4.0994	22	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.0700	0.00000	1.1127	0.05307	4.0994	22	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.0700	0.00000	1.1127	0.05307	4.0994	22	-0.80	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.0750	0.01000	1.1127	0.05307	4.0994	22	-0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.0750	0.01000	1.1127	0.05307	4.0994	22	-0.71	2%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.0785	0.03100	1.1127	0.05307	4.0994	22	-0.64	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.1000	0.02000	1.1127	0.05307	4.0994	22	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.1140	0.05200	1.1127	0.05307	4.0994	22	0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.1315	0.01300	1.1127	0.05307	4.0994	22	0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.1350	0.03000	1.1127	0.05307	4.0994	22	0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.1355	0.00100	1.1127	0.05307	4.0994	22	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	2124	1.1363	0.01110	1.1127	0.05307	4.0994	22	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.1400	0.02000	1.1127	0.05307	4.0994	22	0.51	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.1400	0.04000	1.1127	0.05307	4.0994	22	0.51	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.1500	0.08000	1.1127	0.05307	4.0994	22	0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.1605	0.05900	1.1127	0.05307	4.0994	22	0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.1715	0.01450	1.1127	0.05307	4.0994	22	1.11	3%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
019.43	Calcium, ICP, Microwave (%)	0297	1.3450	0.01000	1.1127	0.05307	4.0994	22	4.38	10%	0
019.43	Calcium, ICP, Microwave (%)	0202	10.626	89.690	1.1127	0.05307	4.0994	22	200190.36	477429%	0
019.44	Calcium, ICP, Dry ash (%)	2114	0.99210	0.02340				2			0
019.44	Calcium, ICP, Dry ash (%)	2023	1.1350	0.05000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.0558	0.08560				1			0
019.53	Calcium, ICP-MS, Microwave (%)	2066	0.67500	0.01000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	1.1134	0.00900				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.1400	0.04000				3			0
019.99	Calcium, Miscellaneous (%)	0889	0.91400	0.00800				3			0
019.99	Calcium, Miscellaneous (%)	0242	1.0850	0.01000				3			0
019.99	Calcium, Miscellaneous (%)	0100	1.1450	0.03000				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.70000	0.00000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	0.90000	0.00000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.90000	0.00000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	1.0235	0.02450				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.61550	0.17900				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.72900	0.14200				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	0.71500	0.05000	0.93432	0.12942	0.06380	5	-1.42	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.92000	0.00000	0.93432	0.12942	0.06380	5	0.01	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.0000	0.20000	0.93432	0.12942	0.06380	5	0.57	4%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	1.0066	0.04900	0.93432	0.12942	0.06380	5	0.62	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.0300	0.02000	0.93432	0.12942	0.06380	5	0.78	6%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.42500	0.01000				1			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.37950	0.04500				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.48310	0.00460				2			0
021.99	Cobalt, Miscellaneous (mg / kg (ppm))	0590	1.4250	0.11000				1			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	6.2000	1.0000	18.582	2.4069	0.87700	10	-5.14	33%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	16.850	0.90000	18.582	2.4069	0.87700	10	-0.72	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	17.000	2.0000	18.582	2.4069	0.87700	10	-0.66	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	17.995	0.01000	18.582	2.4069	0.87700	10	-0.24	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	18.000	0.00000	18.582	2.4069	0.87700	10	-0.24	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	18.900	1.6000	18.582	2.4069	0.87700	10	0.13	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	19.245	0.65000	18.582	2.4069	0.87700	10	0.28	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	19.400	0.40000	18.582	2.4069	0.87700	10	0.34	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0653	21.325	0.21000	18.582	2.4069	0.87700	10	1.14	7%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	22.130	2.0000	18.582	2.4069	0.87700	10	1.47	10%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	14.490	0.75800				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	20.445	1.1500				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	22.500	1.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	16.645	3.9900				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	19.951	0.08600				2			0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	16.800	0.80000	19.535	2.2598	5.4636	19	-1.21	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	17.035	0.15000	19.535	2.2598	5.4636	19	-1.11	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	17.385	0.41000	19.535	2.2598	5.4636	19	-0.95	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	17.500	1.0000	19.535	2.2598	5.4636	19	-0.90	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	17.500	3.0000	19.535	2.2598	5.4636	19	-0.90	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	18.120	0.52000	19.535	2.2598	5.4636	19	-0.63	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	18.500	1.0000	19.535	2.2598	5.4636	19	-0.46	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	18.688	0.91830	19.535	2.2598	5.4636	19	-0.37	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	18.952	1.8203	19.535	2.2598	5.4636	19	-0.26	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	19.170	0.12000	19.535	2.2598	5.4636	19	-0.16	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	19.405	0.87000	19.535	2.2598	5.4636	19	-0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	20.190	0.04000	19.535	2.2598	5.4636	19	0.29	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	20.400	0.80000	19.535	2.2598	5.4636	19	0.38	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	20.500	1.0000	19.535	2.2598	5.4636	19	0.43	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	21.100	1.5600	19.535	2.2598	5.4636	19	0.69	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	21.505	4.9900	19.535	2.2598	5.4636	19	0.87	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	22.560	0.24000	19.535	2.2598	5.4636	19	1.34	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	25.045	13.570	19.535	2.2598	5.4636	19	2.44	14%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	820.50	71.000	19.535	2.2598	5.4636	19	354.44	2050%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	16.750	0.10000	18.536	1.2087	0.72084	19	-1.48	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	17.455	0.01000	18.536	1.2087	0.72084	19	-0.89	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	17.500	3.0000	18.536	1.2087	0.72084	19	-0.86	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	17.550	2.1000	18.536	1.2087	0.72084	19	-0.82	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	17.615	0.11000	18.536	1.2087	0.72084	19	-0.76	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	17.800	0.20000	18.536	1.2087	0.72084	19	-0.61	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	18.000	0.00000	18.536	1.2087	0.72084	19	-0.44	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	18.085	2.5300	18.536	1.2087	0.72084	19	-0.37	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	18.350	0.30000	18.536	1.2087	0.72084	19	-0.15	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	18.500	0.18000	18.536	1.2087	0.72084	19	-0.03	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	18.593	0.47600	18.536	1.2087	0.72084	19	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	18.600	0.20000	18.536	1.2087	0.72084	19	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	18.750	0.82000	18.536	1.2087	0.72084	19	0.18	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	18.790	0.18000	18.536	1.2087	0.72084	19	0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	18.800	0.20000	18.536	1.2087	0.72084	19	0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	20.150	0.30000	18.536	1.2087	0.72084	19	1.34	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	20.250	1.5000	18.536	1.2087	0.72084	19	1.42	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	20.300	1.4000	18.536	1.2087	0.72084	19	1.46	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	21.145	0.09000	18.536	1.2087	0.72084	19	2.16	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	16.580	3.3000	18.449	1.5133	1.1381	18	-1.24	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	16.624	0.02990	18.449	1.5133	1.1381	18	-1.21	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0512	16.705	0.13000	18.449	1.5133	1.1381	18	-1.15	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	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	17.000	0.00000	18.449	1.5133	1.1381	18	-0.96	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	17.450	0.30000	18.449	1.5133	1.1381	18	-0.66	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	17.710	0.30000	18.449	1.5133	1.1381	18	-0.49	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	18.000	0.00000	18.449	1.5133	1.1381	18	-0.30	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	18.200	0.60000	18.449	1.5133	1.1381	18	-0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	18.220	0.62000	18.449	1.5133	1.1381	18	-0.15	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	18.302	0.87440	18.449	1.5133	1.1381	18	-0.10	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2124	18.768	0.00100	18.449	1.5133	1.1381	18	0.21	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	18.950	0.90000	18.449	1.5133	1.1381	18	0.33	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	19.100	3.0000	18.449	1.5133	1.1381	18	0.43	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	19.150	0.10000	18.449	1.5133	1.1381	18	0.46	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	19.500	1.0000	18.449	1.5133	1.1381	18	0.69	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	20.385	0.33000	18.449	1.5133	1.1381	18	1.28	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	23.500	9.0000	18.449	1.5133	1.1381	18	3.34	14%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	24.000	0.00000	18.449	1.5133	1.1381	18	3.67	15%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2114	20.807	1.5205				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	18.150	1.5000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2023	19.300	0.00000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	16.500	1.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	17.500	1.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	18.600	0.60000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	23.850	0.30000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	223.08	2.3500	292.23	46.054	7.9392	13	-1.50	12%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	260.50	13.740	292.23	46.054	7.9392	13	-0.69	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	273.50	1.0000	292.23	46.054	7.9392	13	-0.41	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	274.00	8.0000	292.23	46.054	7.9392	13	-0.40	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	275.93	9.3500	292.23	46.054	7.9392	13	-0.35	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	278.00	4.0000	292.23	46.054	7.9392	13	-0.31	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	284.00	10.000	292.23	46.054	7.9392	13	-0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	284.50	3.0000	292.23	46.054	7.9392	13	-0.17	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	284.63	4.6700	292.23	46.054	7.9392	13	-0.17	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	290.00	4.0000	292.23	46.054	7.9392	13	-0.05	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	348.15	9.1000	292.23	46.054	7.9392	13	1.21	10%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	365.50	7.0000	292.23	46.054	7.9392	13	1.59	13%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	1,564.3	27.000	292.23	46.054	7.9392	13	27.62	218%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	272.10	4.7170				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	288.45	4.7000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	262.00	30.600				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	262.59	7.6100	290.67	18.494	1,406.0	19	-1.52	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	263.00	2.0000	290.67	18.494	1,406.0	19	-1.50	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	268.73	13.450	290.67	18.494	1,406.0	19	-1.19	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	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	270.38	4.7500	290.67	18.494	1,406.0	19	-1.10	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	275.00	8.0000	290.67	18.494	1,406.0	19	-0.85	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	281.00	0.00000	290.67	18.494	1,406.0	19	-0.52	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	289.00	2.0000	290.67	18.494	1,406.0	19	-0.09	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	289.35	19.100	290.67	18.494	1,406.0	19	-0.07	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	291.02	5.2500	290.67	18.494	1,406.0	19	0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	294.25	1.5000	290.67	18.494	1,406.0	19	0.19	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	295.50	1.0000	290.67	18.494	1,406.0	19	0.26	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	298.20	3.0000	290.67	18.494	1,406.0	19	0.41	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	301.23	2.4454	290.67	18.494	1,406.0	19	0.57	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	301.55	12.900	290.67	18.494	1,406.0	19	0.59	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2114	304.39	4.7318	290.67	18.494	1,406.0	19	0.74	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	305.00	18.000	290.67	18.494	1,406.0	19	0.77	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	306.40	1.6000	290.67	18.494	1,406.0	19	0.85	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	307.46	31.822	290.67	18.494	1,406.0	19	0.91	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	13,513	26,575	290.67	18.494	1,406.0	19	714.93	2274%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	0.00000	0.00000	290.67	18.494	1,406.0	19			4
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	102.76	1.3100	274.01	33.092	9.6694	16	-5.18	31%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	163.50	37.000	274.01	33.092	9.6694	16	-3.34	20%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	225.20	0.20000	274.01	33.092	9.6694	16	-1.47	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	253.10	10.200	274.01	33.092	9.6694	16	-0.63	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	270.00	6.0000	274.01	33.092	9.6694	16	-0.12	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	270.50	1.0000	274.01	33.092	9.6694	16	-0.11	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	272.50	5.0000	274.01	33.092	9.6694	16	-0.05	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	274.50	9.0000	274.01	33.092	9.6694	16	0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	281.50	47.000	274.01	33.092	9.6694	16	0.23	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	287.00	9.2000	274.01	33.092	9.6694	16	0.39	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	289.50	7.0000	274.01	33.092	9.6694	16	0.47	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	290.50	3.0000	274.01	33.092	9.6694	16	0.50	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	291.20	5.8000	274.01	33.092	9.6694	16	0.52	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	304.35	0.30000	274.01	33.092	9.6694	16	0.92	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	308.50	11.000	274.01	33.092	9.6694	16	1.04	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	317.05	1.7000	274.01	33.092	9.6694	16	1.30	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	182.50	3.0000	284.43	22.596	6.0317	18	-4.51	18%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	250.46	7.2700	284.43	22.596	6.0317	18	-1.50	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	260.00	2.0000	284.43	22.596	6.0317	18	-1.08	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	261.50	1.0000	284.43	22.596	6.0317	18	-1.01	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	269.00	10.000	284.43	22.596	6.0317	18	-0.68	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	275.00	6.0000	284.43	22.596	6.0317	18	-0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	279.50	11.000	284.43	22.596	6.0317	18	-0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	284.00	0.00000	284.43	22.596	6.0317	18	-0.02	0%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	286.75	2.1100	284.43	22.596	6.0317	18	0.10	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	287.66	1.8900	284.43	22.596	6.0317	18	0.14	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	292.00	2.0000	284.43	22.596	6.0317	18	0.34	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	293.50	1.0000	284.43	22.596	6.0317	18	0.40	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2124	296.12	1.6424	284.43	22.596	6.0317	18	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2023	299.50	1.0000	284.43	22.596	6.0317	18	0.67	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0512	303.15	10.500	284.43	22.596	6.0317	18	0.83	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	305.50	13.000	284.43	22.596	6.0317	18	0.93	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	307.13	0.55790	284.43	22.596	6.0317	18	1.00	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	325.70	34.600	284.43	22.596	6.0317	18	1.83	7%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	303.25	33.500				1			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2066	174.50	5.0000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	285.50	25.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	291.00	8.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	293.50	11.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.11500	0.01000	0.12592	0.00675	0.00323	14	-1.62	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.11950	0.00300	0.12592	0.00675	0.00323	14	-0.95	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.12000	0.00000	0.12592	0.00675	0.00323	14	-0.88	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.12000	0.00000	0.12592	0.00675	0.00323	14	-0.88	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.12285	0.00330	0.12592	0.00675	0.00323	14	-0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.12365	0.00090	0.12592	0.00675	0.00323	14	-0.34	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0653	0.12600	0.00000	0.12592	0.00675	0.00323	14	0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.12700	0.00200	0.12592	0.00675	0.00323	14	0.16	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.12800	0.01000	0.12592	0.00675	0.00323	14	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.12900	0.00000	0.12592	0.00675	0.00323	14	0.46	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.13000	0.00000	0.12592	0.00675	0.00323	14	0.60	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.13000	0.00000	0.12592	0.00675	0.00323	14	0.60	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.13500	0.01000	0.12592	0.00675	0.00323	14	1.35	4%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.15300	0.00600	0.12592	0.00675	0.00323	14	4.01	11%	0
027.32	Magnesium, AAS, Open vessel (%)	0689	0.12000	0.02000	0.24204	0.23865	0.00638	4	-1.67	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.12235	0.00030	0.24204	0.23865	0.00638	4	-0.71	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.12580	0.00520	0.24204	0.23865	0.00638	4	0.71	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.60000	0.00000	0.24204	0.23865	0.00638	4	195.09	192%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.11500	0.01000				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.12400	0.00180				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.12500	0.01000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.11450	0.00100	0.12643	0.00749	0.00508	21	-1.59	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.11500	0.01000	0.12643	0.00749	0.00508	21	-1.53	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.11810	0.00100	0.12643	0.00749	0.00508	21	-1.11	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.12000	0.00000	0.12643	0.00749	0.00508	21	-0.86	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.12050	0.00020	0.12643	0.00749	0.00508	21	-0.79	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.41	Magnesium, ICP, Dry ash (%)	0171	0.12150	0.00100	0.12643	0.00749	0.00508	21	-0.66	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.12500	0.01000	0.12643	0.00749	0.00508	21	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.12500	0.00200	0.12643	0.00749	0.00508	21	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.12500	0.01000	0.12643	0.00749	0.00508	21	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.12500	0.01000	0.12643	0.00749	0.00508	21	-0.19	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.12510	0.00160	0.12643	0.00749	0.00508	21	-0.18	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.12600	0.00000	0.12643	0.00749	0.00508	21	-0.06	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.12670	0.00500	0.12643	0.00749	0.00508	21	0.04	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.13000	0.00000	0.12643	0.00749	0.00508	21	0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.13000	0.00000	0.12643	0.00749	0.00508	21	0.48	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.13050	0.00300	0.12643	0.00749	0.00508	21	0.54	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.13400	0.00100	0.12643	0.00749	0.00508	21	1.01	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.13465	0.00090	0.12643	0.00749	0.00508	21	1.10	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.13500	0.01000	0.12643	0.00749	0.00508	21	1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.13500	0.01000	0.12643	0.00749	0.00508	21	1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.34500	0.03000	0.12643	0.00749	0.00508	21	29.18	86%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.11650	0.00100	0.13080	0.00972	0.00421	17	-1.47	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.12000	0.00000	0.13080	0.00972	0.00421	17	-1.11	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.12000	0.00000	0.13080	0.00972	0.00421	17	-1.11	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.12010	0.00260	0.13080	0.00972	0.00421	17	-1.10	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.12500	0.01000	0.13080	0.00972	0.00421	17	-0.60	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.12600	0.00800	0.13080	0.00972	0.00421	17	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.12900	0.00200	0.13080	0.00972	0.00421	17	-0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.13000	0.00000	0.13080	0.00972	0.00421	17	-0.08	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.13025	0.00090	0.13080	0.00972	0.00421	17	-0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.13350	0.01900	0.13080	0.00972	0.00421	17	0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.13500	0.01000	0.13080	0.00972	0.00421	17	0.43	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.13500	0.01000	0.13080	0.00972	0.00421	17	0.43	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.13740	0.00040	0.13080	0.00972	0.00421	17	0.68	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.14000	0.00000	0.13080	0.00972	0.00421	17	0.95	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.14000	0.00000	0.13080	0.00972	0.00421	17	0.95	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.14050	0.00100	0.13080	0.00972	0.00421	17	1.00	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.14625	0.00670	0.13080	0.00972	0.00421	17	1.59	6%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.12000	0.00000	0.12775	0.00902	0.50274	18	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.12000	0.00200	0.12775	0.00902	0.50274	18	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.12000	0.00000	0.12775	0.00902	0.50274	18	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.12000	0.00000	0.12775	0.00902	0.50274	18	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.12000	0.00000	0.12775	0.00902	0.50274	18	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.12050	0.00500	0.12775	0.00902	0.50274	18	-0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.12235	0.00230	0.12775	0.00902	0.50274	18	-0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.12500	0.01000	0.12775	0.00902	0.50274	18	-0.31	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0629	0.12600	0.00200	0.12775	0.00902	0.50274	18	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.12600	0.00200	0.12775	0.00902	0.50274	18	-0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.12650	0.01300	0.12775	0.00902	0.50274	18	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	2124	0.12815	0.00110	0.12775	0.00902	0.50274	18	0.04	0%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.13000	0.00000	0.12775	0.00902	0.50274	18	0.25	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.13500	0.01000	0.12775	0.00902	0.50274	18	0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.13620	0.00200	0.12775	0.00902	0.50274	18	0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.15350	0.00500	0.12775	0.00902	0.50274	18	2.85	10%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.25000	0.02000	0.12775	0.00902	0.50274	18	13.55	48%	0
027.43	Magnesium, ICP, Microwave (%)	0202	1,146.2	8.9749	0.12775	0.00902	0.50274	18	127012.50	448531%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.11270	0.00180				2			0
027.44	Magnesium, ICP, Dry ash (%)	2023	0.12750	0.00300				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.12365	0.00070				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.13250	0.00500				1			0
027.99	Magnesium, Miscellaneous (%)	0889	0.11500	0.01000	0.12375	0.01109	0.00250	4	-1.01	5%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.12000	0.00000	0.12375	0.01109	0.00250	4	-0.58	3%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.12000	0.00000	0.12375	0.01109	0.00250	4	-0.58	3%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.14000	0.00000	0.12375	0.01109	0.00250	4	1.15	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	62.315	7.8700	78.649	7.9983	2.5800	10	-2.04	10%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	71.000	2.0000	78.649	7.9983	2.5800	10	-0.96	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0653	73.305	0.11000	78.649	7.9983	2.5800	10	-0.67	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	75.150	2.9000	78.649	7.9983	2.5800	10	-0.44	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	79.045	1.3300	78.649	7.9983	2.5800	10	0.05	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	81.285	0.39000	78.649	7.9983	2.5800	10	0.33	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	82.000	2.0000	78.649	7.9983	2.5800	10	0.42	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	83.850	4.7000	78.649	7.9983	2.5800	10	0.65	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	84.250	3.3000	78.649	7.9983	2.5800	10	0.70	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	89.950	1.2000	78.649	7.9983	2.5800	10	1.41	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	85.680	4.4200				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	86.000	0.00000				3			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	94.026	2.9300				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	67.612	0.24100				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	83.850	7.9200				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0035	86.000	2.0000				3			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	77.225	3.8300	82.618	3.4556	1.5199	18	-1.56	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	78.335	2.1500	82.618	3.4556	1.5199	18	-1.24	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	78.500	3.0000	82.618	3.4556	1.5199	18	-1.19	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	79.525	0.01000	82.618	3.4556	1.5199	18	-0.90	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	79.700	0.40000	82.618	3.4556	1.5199	18	-0.84	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	81.500	3.0000	82.618	3.4556	1.5199	18	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	81.805	1.1527	82.618	3.4556	1.5199	18	-0.24	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	82.265	0.77000	82.618	3.4556	1.5199	18	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	82.895	0.05000	82.618	3.4556	1.5199	18	0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	83.000	0.00000	82.618	3.4556	1.5199	18	0.11	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	83.800	1.6200	82.618	3.4556	1.5199	18	0.34	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	84.050	1.5400	82.618	3.4556	1.5199	18	0.41	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	84.180	1.5763	82.618	3.4556	1.5199	18	0.45	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	84.200	0.82000	82.618	3.4556	1.5199	18	0.46	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	84.835	0.57000	82.618	3.4556	1.5199	18	0.64	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	85.500	1.0000	82.618	3.4556	1.5199	18	0.83	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	91.500	5.0000	82.618	3.4556	1.5199	18	2.57	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	92.685	0.87000	82.618	3.4556	1.5199	18	2.91	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	0.00000	0.00000	82.618	3.4556	1.5199	18			4
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	70.645	2.0500	84.494	7.2360	3.6147	19	-1.91	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	76.500	3.0000	84.494	7.2360	3.6147	19	-1.10	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	77.500	13.000	84.494	7.2360	3.6147	19	-0.97	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	77.950	0.90000	84.494	7.2360	3.6147	19	-0.90	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	80.350	0.70000	84.494	7.2360	3.6147	19	-0.57	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	80.980	5.4000	84.494	7.2360	3.6147	19	-0.49	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	81.350	0.90000	84.494	7.2360	3.6147	19	-0.43	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	81.400	0.80000	84.494	7.2360	3.6147	19	-0.43	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	82.750	0.30000	84.494	7.2360	3.6147	19	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	83.000	0.00000	84.494	7.2360	3.6147	19	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	83.400	13.400	84.494	7.2360	3.6147	19	-0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	86.560	0.72000	84.494	7.2360	3.6147	19	0.29	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	87.789	3.0400	84.494	7.2360	3.6147	19	0.46	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	88.100	2.0000	84.494	7.2360	3.6147	19	0.50	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	88.300	5.4000	84.494	7.2360	3.6147	19	0.53	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	92.730	0.46000	84.494	7.2360	3.6147	19	1.14	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	93.800	0.14000	84.494	7.2360	3.6147	19	1.29	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	93.935	1.6700	84.494	7.2360	3.6147	19	1.30	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	778.20	14.800	84.494	7.2360	3.6147	19	95.87	411%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	76.000	4.0000	83.684	4.3835	2.0503	19	-1.75	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	76.000	4.0000	83.684	4.3835	2.0503	19	-1.75	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	79.050	1.9000	83.684	4.3835	2.0503	19	-1.06	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	80.375	1.8700	83.684	4.3835	2.0503	19	-0.75	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	80.850	0.70000	83.684	4.3835	2.0503	19	-0.65	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	81.000	1.0000	83.684	4.3835	2.0503	19	-0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	81.070	4.5349	83.684	4.3835	2.0503	19	-0.60	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	82.500	1.0000	83.684	4.3835	2.0503	19	-0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	83.150	1.1000	83.684	4.3835	2.0503	19	-0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	83.880	1.7200	83.684	4.3835	2.0503	19	0.04	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	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	85.000	0.00000	83.684	4.3835	2.0503	19	0.30	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	85.720	1.6600	83.684	4.3835	2.0503	19	0.46	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0512	85.900	1.1800	83.684	4.3835	2.0503	19	0.51	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	86.500	1.0000	83.684	4.3835	2.0503	19	0.64	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	86.900	2.8000	83.684	4.3835	2.0503	19	0.73	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	86.950	1.3000	83.684	4.3835	2.0503	19	0.75	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2124	88.291	1.6643	83.684	4.3835	2.0503	19	1.05	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	88.384	0.52720	83.684	4.3835	2.0503	19	1.07	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	130.50	7.0000	83.684	4.3835	2.0503	19	10.68	28%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2114	80.174	0.16010				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2023	84.900	0.20000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	87.450	3.9000				1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	80.900	6.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	84.500	3.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	86.000	2.0000				3			0
031.01	Phosphorus, Photometric (%)	0108	0.81500	0.07000	0.94267	0.03270	0.02113	40	-3.90	7%	0
031.01	Phosphorus, Photometric (%)	0529	0.86000	0.26000	0.94267	0.03270	0.02113	40	-2.53	4%	0
031.01	Phosphorus, Photometric (%)	0940	0.88000	0.00000	0.94267	0.03270	0.02113	40	-1.92	3%	0
031.01	Phosphorus, Photometric (%)	0874	0.88555	0.01090	0.94267	0.03270	0.02113	40	-1.75	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.90220	0.00460	0.94267	0.03270	0.02113	40	-1.24	2%	0
031.01	Phosphorus, Photometric (%)	0620	0.90990	0.00680	0.94267	0.03270	0.02113	40	-1.00	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.91050	0.02300	0.94267	0.03270	0.02113	40	-0.98	2%	0
031.01	Phosphorus, Photometric (%)	0596	0.91500	0.01000	0.94267	0.03270	0.02113	40	-0.85	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.91950	0.01300	0.94267	0.03270	0.02113	40	-0.71	1%	0
031.01	Phosphorus, Photometric (%)	0066	0.92000	0.02000	0.94267	0.03270	0.02113	40	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	2068	0.92000	0.02000	0.94267	0.03270	0.02113	40	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0018	0.92450	0.06700	0.94267	0.03270	0.02113	40	-0.56	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.92500	0.01000	0.94267	0.03270	0.02113	40	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.92500	0.01000	0.94267	0.03270	0.02113	40	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.92630	0.00080	0.94267	0.03270	0.02113	40	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0233	0.93500	0.01000	0.94267	0.03270	0.02113	40	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	0175	0.94000	0.02000	0.94267	0.03270	0.02113	40	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	2115	0.94000	0.02000	0.94267	0.03270	0.02113	40	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.94500	0.01000	0.94267	0.03270	0.02113	40	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.94500	0.01000	0.94267	0.03270	0.02113	40	0.07	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.94500	0.05000	0.94267	0.03270	0.02113	40	0.07	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.94685	0.00230	0.94267	0.03270	0.02113	40	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0016	0.94950	0.01100	0.94267	0.03270	0.02113	40	0.21	0%	0
031.01	Phosphorus, Photometric (%)	0881	0.95200	0.00400	0.94267	0.03270	0.02113	40	0.29	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.95350	0.03100	0.94267	0.03270	0.02113	40	0.33	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.95400	0.01200	0.94267	0.03270	0.02113	40	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0939	0.95500	0.01000	0.94267	0.03270	0.02113	40	0.38	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.95655	0.01270	0.94267	0.03270	0.02113	40	0.42	1%	0
031.01	Phosphorus, Photometric (%)	0152	0.96500	0.01000	0.94267	0.03270	0.02113	40	0.68	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.96500	0.01000	0.94267	0.03270	0.02113	40	0.68	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.96650	0.01500	0.94267	0.03270	0.02113	40	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.97000	0.00000	0.94267	0.03270	0.02113	40	0.84	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.97000	0.02000	0.94267	0.03270	0.02113	40	0.84	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.97300	0.00400	0.94267	0.03270	0.02113	40	0.93	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.98000	0.00000	0.94267	0.03270	0.02113	40	1.14	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.98000	0.02000	0.94267	0.03270	0.02113	40	1.14	2%	0
031.01	Phosphorus, Photometric (%)	0878	0.98000	0.00000	0.94267	0.03270	0.02113	40	1.14	2%	0
031.01	Phosphorus, Photometric (%)	0626	0.98400	0.02000	0.94267	0.03270	0.02113	40	1.26	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.99200	0.01000	0.94267	0.03270	0.02113	40	1.51	3%	0
031.01	Phosphorus, Photometric (%)	2128	1.1815	0.00700	0.94267	0.03270	0.02113	40	7.30	13%	0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.96500	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.99000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	1.0300	0.02000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.91000	0.04000	0.95275	0.03208	0.01170	4	-3.16	3%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.95350	0.00500	0.95275	0.03208	0.01170	4	-0.75	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.96000	0.00000	0.95275	0.03208	0.01170	4	-0.39	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.98750	0.00180	0.95275	0.03208	0.01170	4	1.14	1%	0
031.06	Phosphorus, Hach Method (%)	0536	0.90000	0.04000				2			0
031.06	Phosphorus, Hach Method (%)	0138	0.93950	0.00300				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.79500	0.03000	0.95697	0.04108	0.01837	24	-3.94	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.89500	0.01000	0.95697	0.04108	0.01837	24	-1.51	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.90000	0.02000	0.95697	0.04108	0.01837	24	-1.39	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.90200	0.00400	0.95697	0.04108	0.01837	24	-1.34	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.92000	0.00000	0.95697	0.04108	0.01837	24	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.93000	0.00000	0.95697	0.04108	0.01837	24	-0.66	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.94000	0.04000	0.95697	0.04108	0.01837	24	-0.41	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.95000	0.06400	0.95697	0.04108	0.01837	24	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.95000	0.02000	0.95697	0.04108	0.01837	24	-0.17	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.95600	0.01000	0.95697	0.04108	0.01837	24	-0.02	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	0.95955	0.04110	0.95697	0.04108	0.01837	24	0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.96000	0.02000	0.95697	0.04108	0.01837	24	0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.96500	0.01000	0.95697	0.04108	0.01837	24	0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.96680	0.00540	0.95697	0.04108	0.01837	24	0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.97000	0.00400	0.95697	0.04108	0.01837	24	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.97000	0.00000	0.95697	0.04108	0.01837	24	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.97000	0.04000	0.95697	0.04108	0.01837	24	0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.97500	0.03000	0.95697	0.04108	0.01837	24	0.44	1%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.97750	0.00500	0.95697	0.04108	0.01837	24	0.50	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.97900	0.03600	0.95697	0.04108	0.01837	24	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.98000	0.02000	0.95697	0.04108	0.01837	24	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	1.0363	0.02240	0.95697	0.04108	0.01837	24	1.93	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	1.1000	0.00000	0.95697	0.04108	0.01837	24	3.48	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.1035	0.00900	0.95697	0.04108	0.01837	24	3.57	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.78000	0.14000	0.93371	0.05875	0.03371	22	-2.62	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.83650	0.11500	0.93371	0.05875	0.03371	22	-1.65	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.85700	0.02600	0.93371	0.05875	0.03371	22	-1.31	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.86000	0.00000	0.93371	0.05875	0.03371	22	-1.25	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.89000	0.04000	0.93371	0.05875	0.03371	22	-0.74	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.90720	0.01020	0.93371	0.05875	0.03371	22	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.90955	0.01230	0.93371	0.05875	0.03371	22	-0.41	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.91500	0.02800	0.93371	0.05875	0.03371	22	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.91950	0.03100	0.93371	0.05875	0.03371	22	-0.24	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.93400	0.00800	0.93371	0.05875	0.03371	22	0.00	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.94400	0.05200	0.93371	0.05875	0.03371	22	0.18	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.94500	0.01000	0.93371	0.05875	0.03371	22	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.94500	0.02400	0.93371	0.05875	0.03371	22	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.95360	0.00280	0.93371	0.05875	0.03371	22	0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.95650	0.00100	0.93371	0.05875	0.03371	22	0.39	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.96000	0.16000	0.93371	0.05875	0.03371	22	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.96250	0.02900	0.93371	0.05875	0.03371	22	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.97000	0.00000	0.93371	0.05875	0.03371	22	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.98295	0.00730	0.93371	0.05875	0.03371	22	0.84	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.99500	0.03000	0.93371	0.05875	0.03371	22	1.04	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.0445	0.00500	0.93371	0.05875	0.03371	22	1.89	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.0650	0.01000	0.93371	0.05875	0.03371	22	2.23	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.54500	0.01000	0.98392	0.05749	150.76	22	-7.63	22%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.90000	0.00000	0.98392	0.05749	150.76	22	-1.46	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.90000	0.06000	0.98392	0.05749	150.76	22	-1.46	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.92690	0.04740	0.98392	0.05749	150.76	22	-0.99	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.93500	0.01000	0.98392	0.05749	150.76	22	-0.85	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.95000	0.04000	0.98392	0.05749	150.76	22	-0.59	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.96050	0.03500	0.98392	0.05749	150.76	22	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.97200	0.02800	0.98392	0.05749	150.76	22	-0.21	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.97500	0.01000	0.98392	0.05749	150.76	22	-0.16	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.97740	0.01220	0.98392	0.05749	150.76	22	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2124	0.98640	0.00960	0.98392	0.05749	150.76	22	0.04	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.99370	0.00540	0.98392	0.05749	150.76	22	0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.99850	0.00300	0.98392	0.05749	150.76	22	0.25	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0027	1.0025	0.03700	0.98392	0.05749	150.76	22	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.0025	0.01500	0.98392	0.05749	150.76	22	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.0095	0.00300	0.98392	0.05749	150.76	22	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	1.0100	0.00000	0.98392	0.05749	150.76	22	0.45	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.0295	0.01100	0.98392	0.05749	150.76	22	0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	1.0450	0.01000	0.98392	0.05749	150.76	22	1.06	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.0500	0.02000	0.98392	0.05749	150.76	22	1.15	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.0539	0.00360	0.98392	0.05749	150.76	22	1.22	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	6,895.2	3,316.3	0.98392	0.05749	150.76	22	119916.17	350344%	0
031.44	Phosphorus, ICP, Dry ash (%)	2023	0.97050	0.00100				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.0435	0.06600				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.90535	0.06170				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	1.0013	0.00240				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	1.0350	0.07000				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.88500	0.00000	0.92375	0.03010	0.01500	4	-1.29	2%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.91500	0.01000	0.92375	0.03010	0.01500	4	-0.29	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.94500	0.03000	0.92375	0.03010	0.01500	4	0.71	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.95000	0.02000	0.92375	0.03010	0.01500	4	0.87	1%	0
032.02	Potassium, Flame Emission (%)	0504	0.63500	0.01000				2			0
032.02	Potassium, Flame Emission (%)	0884	0.63500	0.01000				2			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.47000	0.06000	0.65415	0.04228	0.01693	15	-4.36	14%	0
032.31	Potassium, AAS, Dry ash (%)	0689	0.55500	0.01000	0.65415	0.04228	0.01693	15	-2.34	8%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.60350	0.00100	0.65415	0.04228	0.01693	15	-1.20	4%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.61975	0.00790	0.65415	0.04228	0.01693	15	-0.81	3%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.65000	0.00000	0.65415	0.04228	0.01693	15	-0.10	0%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.65250	0.00500	0.65415	0.04228	0.01693	15	-0.04	0%	0
032.31	Potassium, AAS, Dry ash (%)	0066	0.65750	0.00700	0.65415	0.04228	0.01693	15	0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.66000	0.02000	0.65415	0.04228	0.01693	15	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.66800	0.01200	0.65415	0.04228	0.01693	15	0.33	1%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.66950	0.00700	0.65415	0.04228	0.01693	15	0.36	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.67500	0.01000	0.65415	0.04228	0.01693	15	0.49	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.68000	0.00000	0.65415	0.04228	0.01693	15	0.61	2%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.69000	0.04400	0.65415	0.04228	0.01693	15	0.85	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.69500	0.03000	0.65415	0.04228	0.01693	15	0.97	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.71000	0.04000	0.65415	0.04228	0.01693	15	1.32	4%	0
032.32	Potassium, AAS, Open vessel (%)	0169	0.62500	0.05000				2			0
032.32	Potassium, AAS, Open vessel (%)	0263	0.63915	0.00870				2			0
032.33	Potassium, AAS, Microwave (%)	0035	0.64000	0.02000				1			0
032.41	Potassium, ICP, Dry ash (%)	0144	0.58000	0.06000	0.66198	0.04555	0.03771	23	-1.80	6%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.61000	0.02000	0.66198	0.04555	0.03771	23	-1.14	4%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.61500	0.01000	0.66198	0.04555	0.03771	23	-1.03	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	
032.41	Potassium, ICP, Dry ash (%)	0051	0.61655	0.00130	0.66198	0.04555	0.03771	23	-1.00	3%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.62000	0.00000	0.66198	0.04555	0.03771	23	-0.92	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.62500	0.00400	0.66198	0.04555	0.03771	23	-0.81	3%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.62950	0.00500	0.66198	0.04555	0.03771	23	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.63500	0.05000	0.66198	0.04555	0.03771	23	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0878	0.64000	0.02000	0.66198	0.04555	0.03771	23	-0.48	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.65000	0.00000	0.66198	0.04555	0.03771	23	-0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.65000	0.00000	0.66198	0.04555	0.03771	23	-0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.66820	0.01140	0.66198	0.04555	0.03771	23	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.67145	0.00270	0.66198	0.04555	0.03771	23	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.67500	0.01000	0.66198	0.04555	0.03771	23	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.67800	0.00200	0.66198	0.04555	0.03771	23	0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.68000	0.06000	0.66198	0.04555	0.03771	23	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.68900	0.17400	0.66198	0.04555	0.03771	23	0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.70000	0.00000	0.66198	0.04555	0.03771	23	0.83	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.70500	0.01000	0.66198	0.04555	0.03771	23	0.94	3%	0
032.41	Potassium, ICP, Dry ash (%)	0139	0.70500	0.01000	0.66198	0.04555	0.03771	23	0.94	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.71150	0.00900	0.66198	0.04555	0.03771	23	1.09	4%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.72745	0.00790	0.66198	0.04555	0.03771	23	1.44	5%	0
032.41	Potassium, ICP, Dry ash (%)	0405	5.6000	0.40000	0.66198	0.04555	0.03771	23	108.42	373%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.42500	0.01000	0.67033	0.03405	0.02358	19	-7.21	18%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.63000	0.02000	0.67033	0.03405	0.02358	19	-1.18	3%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.63650	0.01100	0.67033	0.03405	0.02358	19	-0.99	3%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.64150	0.03720	0.67033	0.03405	0.02358	19	-0.85	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.64450	0.00100	0.67033	0.03405	0.02358	19	-0.76	2%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.64650	0.02300	0.67033	0.03405	0.02358	19	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.65550	0.00500	0.67033	0.03405	0.02358	19	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.66000	0.02400	0.67033	0.03405	0.02358	19	-0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.66200	0.08800	0.67033	0.03405	0.02358	19	-0.24	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.66500	0.01000	0.67033	0.03405	0.02358	19	-0.16	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.67155	0.00550	0.67033	0.03405	0.02358	19	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.68065	0.00130	0.67033	0.03405	0.02358	19	0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.69050	0.03100	0.67033	0.03405	0.02358	19	0.59	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.69500	0.03000	0.67033	0.03405	0.02358	19	0.72	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.70000	0.02000	0.67033	0.03405	0.02358	19	0.87	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	0.70140	0.00100	0.67033	0.03405	0.02358	19	0.91	2%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.70500	0.01000	0.67033	0.03405	0.02358	19	1.02	3%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.71000	0.00000	0.67033	0.03405	0.02358	19	1.17	3%	0
032.42	Potassium, ICP, Open vessel (%)	0366	0.74000	0.12000	0.67033	0.03405	0.02358	19	2.05	5%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.61235	0.00870	0.66597	0.04241	7.0464	18	-1.26	4%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.62000	0.02000	0.66597	0.04241	7.0464	18	-1.08	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0353	0.63500	0.01000	0.66597	0.04241	7.0464	18	-0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.63850	0.03500	0.66597	0.04241	7.0464	18	-0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.64000	0.02000	0.66597	0.04241	7.0464	18	-0.61	2%	0
032.43	Potassium, ICP, Microwave (%)	0668	0.64150	0.02300	0.66597	0.04241	7.0464	18	-0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	0.64250	0.01900	0.66597	0.04241	7.0464	18	-0.55	2%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.64500	0.01000	0.66597	0.04241	7.0464	18	-0.49	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.65000	0.02000	0.66597	0.04241	7.0464	18	-0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.66000	0.02000	0.66597	0.04241	7.0464	18	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.66650	0.02700	0.66597	0.04241	7.0464	18	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.67100	0.00200	0.66597	0.04241	7.0464	18	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	2124	0.67585	0.00710	0.66597	0.04241	7.0464	18	0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.69755	0.00210	0.66597	0.04241	7.0464	18	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.70500	0.03000	0.66597	0.04241	7.0464	18	0.92	3%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.72750	0.00500	0.66597	0.04241	7.0464	18	1.45	5%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.1350	0.01000	0.66597	0.04241	7.0464	18	11.06	35%	0
032.43	Potassium, ICP, Microwave (%)	0202	6,329.4	126.57	0.66597	0.04241	7.0464	18	149216.86	475156%	0
032.44	Potassium, ICP, Dry ash (%)	2114	0.59660	0.00240				2			0
032.44	Potassium, ICP, Dry ash (%)	2023	0.65100	0.01000				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.64290	0.02740				1			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.69150	0.03500				1			0
032.99	Potassium, Miscellaneous (%)	0889	0.56850	0.00500	0.64600	0.05634	0.00450	4	-1.38	6%	0
032.99	Potassium, Miscellaneous (%)	0100	0.64500	0.01000	0.64600	0.05634	0.00450	4	-0.02	0%	0
032.99	Potassium, Miscellaneous (%)	0881	0.67050	0.00300	0.64600	0.05634	0.00450	4	0.43	2%	0
032.99	Potassium, Miscellaneous (%)	0242	0.70000	0.00000	0.64600	0.05634	0.00450	4	0.96	4%	0
033.00	Salt as chloride, Sol Cl (%)	0881	0.64700	0.03400	1.1603	0.12726	0.01571	16	-4.03	22%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.69900	0.00800	1.1603	0.12726	0.01571	16	-3.63	20%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.75500	0.01000	1.1603	0.12726	0.01571	16	-3.19	17%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.0737	0.00810	1.1603	0.12726	0.01571	16	-0.68	4%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.1100	0.02000	1.1603	0.12726	0.01571	16	-0.40	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.1800	0.02000	1.1603	0.12726	0.01571	16	0.15	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.1900	0.02000	1.1603	0.12726	0.01571	16	0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.1900	0.00000	1.1603	0.12726	0.01571	16	0.23	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.1950	0.03000	1.1603	0.12726	0.01571	16	0.27	1%	0
033.00	Salt as chloride, Sol Cl (%)	2068	1.1950	0.01000	1.1603	0.12726	0.01571	16	0.27	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.2000	0.00000	1.1603	0.12726	0.01571	16	0.31	2%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.2050	0.01000	1.1603	0.12726	0.01571	16	0.35	2%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.2350	0.01000	1.1603	0.12726	0.01571	16	0.59	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.2750	0.05000	1.1603	0.12726	0.01571	16	0.90	5%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.2783	0.00130	1.1603	0.12726	0.01571	16	0.93	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.3300	0.02000	1.1603	0.12726	0.01571	16	1.33	7%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.44900	0.00200	1.2654	0.03235	0.00895	21	-25.24	32%	0

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033.01	Salt as chloride, Poten CI (%)	0650	1.2000	0.02000	1.2654	0.03235	0.00895	21	-2.02	3%	0
033.01	Salt as chloride, Poten CI (%)	0644	1.2200	0.00000	1.2654	0.03235	0.00895	21	-1.40	2%	0
033.01	Salt as chloride, Poten CI (%)	0948	1.2300	0.02000	1.2654	0.03235	0.00895	21	-1.09	1%	0
033.01	Salt as chloride, Poten CI (%)	0407	1.2390	0.00200	1.2654	0.03235	0.00895	21	-0.82	1%	0
033.01	Salt as chloride, Poten CI (%)	0510	1.2450	0.01000	1.2654	0.03235	0.00895	21	-0.63	1%	0
033.01	Salt as chloride, Poten CI (%)	0590	1.2450	0.01000	1.2654	0.03235	0.00895	21	-0.63	1%	0
033.01	Salt as chloride, Poten CI (%)	0148	1.2610	0.00200	1.2654	0.03235	0.00895	21	-0.14	0%	0
033.01	Salt as chloride, Poten CI (%)	0226	1.2700	0.00000	1.2654	0.03235	0.00895	21	0.14	0%	0
033.01	Salt as chloride, Poten CI (%)	0242	1.2700	0.00000	1.2654	0.03235	0.00895	21	0.14	0%	0
033.01	Salt as chloride, Poten CI (%)	2023	1.2700	0.00000	1.2654	0.03235	0.00895	21	0.14	0%	0
033.01	Salt as chloride, Poten CI (%)	0861	1.2750	0.01000	1.2654	0.03235	0.00895	21	0.30	0%	0
033.01	Salt as chloride, Poten CI (%)	0874	1.2785	0.01700	1.2654	0.03235	0.00895	21	0.40	1%	0
033.01	Salt as chloride, Poten CI (%)	0629	1.2825	0.00500	1.2654	0.03235	0.00895	21	0.53	1%	0
033.01	Salt as chloride, Poten CI (%)	0098	1.2850	0.03000	1.2654	0.03235	0.00895	21	0.61	1%	0
033.01	Salt as chloride, Poten CI (%)	0175	1.2850	0.01000	1.2654	0.03235	0.00895	21	0.61	1%	0
033.01	Salt as chloride, Poten CI (%)	0100	1.2900	0.00000	1.2654	0.03235	0.00895	21	0.76	1%	0
033.01	Salt as chloride, Poten CI (%)	0164	1.2900	0.00000	1.2654	0.03235	0.00895	21	0.76	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	1.2950	0.01000	1.2654	0.03235	0.00895	21	0.91	1%	0
033.01	Salt as chloride, Poten CI (%)	0229	1.2950	0.01000	1.2654	0.03235	0.00895	21	0.91	1%	0
033.01	Salt as chloride, Poten CI (%)	0278	1.3250	0.03000	1.2654	0.03235	0.00895	21	1.84	2%	0
033.03	Salt as chloride, Quantab (%)	0144	1.0900	0.00000				3			0
033.03	Salt as chloride, Quantab (%)	0505	1.1550	0.01000				3			0
033.03	Salt as chloride, Quantab (%)	0265	1.3000	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.2200	0.04000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.2500	0.02000				2			0
033.99	Salt, Miscellaneous (%)	0536	0.97500	0.01000	1.2078	0.28251	0.06667	6	-0.82	10%	0
033.99	Salt, Miscellaneous (%)	0358	0.98500	0.03000	1.2078	0.28251	0.06667	6	-0.79	9%	0
033.99	Salt, Miscellaneous (%)	0552	1.1350	0.09000	1.2078	0.28251	0.06667	6	-0.26	3%	0
033.99	Salt, Miscellaneous (%)	0910	1.1700	0.00000	1.2078	0.28251	0.06667	6	-0.13	2%	0
033.99	Salt, Miscellaneous (%)	2073	1.3500	0.20000	1.2078	0.28251	0.06667	6	0.50	6%	0
033.99	Salt, Miscellaneous (%)	0613	1.6550	0.07000	1.2078	0.28251	0.06667	6	1.58	19%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.73450	0.01100				1			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.51950	0.13500	0.70790	0.20348	0.08300	5	-0.93	13%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.57500	0.05000	0.70790	0.20348	0.08300	5	-0.65	9%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.67000	0.02000	0.70790	0.20348	0.08300	5	-0.19	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.73500	0.03000	0.70790	0.20348	0.08300	5	0.13	2%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	1.0400	0.18000	0.70790	0.20348	0.08300	5	1.63	23%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	2114	0.52755	0.03950				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	2053	0.77500	0.05000				2			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0190	1.7100	0.08000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	2124	0.18720	0.05340				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.69555	0.03810				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.78000	0.12000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.79600	0.08400				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	1.0750	0.01000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.82495	0.12110				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2023	1.0000	0.00000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.2505	0.08500				3			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.39350	0.00900	0.43270	0.05846	0.01340	5	-1.09	2%	0
035.01	Sodium, Ion-selective electrode (%)	0689	0.40000	0.02000	0.43270	0.05846	0.01340	5	-0.56	1%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.41400	0.00200	0.43270	0.05846	0.01340	5	0.56	1%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.42050	0.00900	0.43270	0.05846	0.01340	5	1.09	2%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.53550	0.02700	0.43270	0.05846	0.01340	5	10.35	16%	0
035.02	Sodium, Em Spect (%)	0884	0.42000	0.02000				1			0
035.05	Sodium, Flame Emission (%)	0152	0.37500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0066	0.40900	0.00800				3			0
035.05	Sodium, Flame Emission (%)	0504	0.42500	0.01000				3			0
035.31	Sodium, AAS, Dry ash (%)	0175	0.35500	0.01000	0.42621	0.04989	0.00816	13	-1.43	8%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.37000	0.00000	0.42621	0.04989	0.00816	13	-1.13	7%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.38265	0.00110	0.42621	0.04989	0.00816	13	-0.87	5%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.40500	0.01000	0.42621	0.04989	0.00816	13	-0.43	2%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.41000	0.00000	0.42621	0.04989	0.00816	13	-0.32	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.41500	0.00800	0.42621	0.04989	0.00816	13	-0.22	1%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.42500	0.01000	0.42621	0.04989	0.00816	13	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.43250	0.00500	0.42621	0.04989	0.00816	13	0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.44000	0.02000	0.42621	0.04989	0.00816	13	0.28	2%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.44050	0.02300	0.42621	0.04989	0.00816	13	0.29	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.48100	0.01600	0.42621	0.04989	0.00816	13	1.10	6%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.48300	0.00200	0.42621	0.04989	0.00816	13	1.14	7%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.55050	0.00100	0.42621	0.04989	0.00816	13	2.49	15%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.38000	0.02000				2			0
035.32	Sodium, AAS, Open vessel (%)	0263	0.42330	0.00820				2			0
035.33	Sodium, AAS, Microwave (%)	0035	0.41500	0.01000				1			0
035.41	Sodium, ICP, Dry ash (%)	0171	0.37400	0.00200	0.41526	0.02906	0.00771	25	-1.42	5%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.37500	0.01000	0.41526	0.02906	0.00771	25	-1.39	5%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.38000	0.02000	0.41526	0.02906	0.00771	25	-1.21	4%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.38500	0.01000	0.41526	0.02906	0.00771	25	-1.04	4%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.39000	0.00000	0.41526	0.02906	0.00771	25	-0.87	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.39500	0.01000	0.41526	0.02906	0.00771	25	-0.70	2%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.39875	0.01110	0.41526	0.02906	0.00771	25	-0.57	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.40000	0.00000	0.41526	0.02906	0.00771	25	-0.53	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.40150	0.00100	0.41526	0.02906	0.00771	25	-0.47	2%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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 (%)	0910	0.40500	0.01000	0.41526	0.02906	0.00771	25	-0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.41000	0.00000	0.41526	0.02906	0.00771	25	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.41000	0.02000	0.41526	0.02906	0.00771	25	-0.18	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.41300	0.00000	0.41526	0.02906	0.00771	25	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.41850	0.00100	0.41526	0.02906	0.00771	25	0.11	0%	0
035.41	Sodium, ICP, Dry ash (%)	0878	0.42000	0.00000	0.41526	0.02906	0.00771	25	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.42145	0.00450	0.41526	0.02906	0.00771	25	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.42500	0.01000	0.41526	0.02906	0.00771	25	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.42740	0.00380	0.41526	0.02906	0.00771	25	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	2023	0.43000	0.00600	0.41526	0.02906	0.00771	25	0.51	2%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.43785	0.00090	0.41526	0.02906	0.00771	25	0.78	3%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.44250	0.03100	0.41526	0.02906	0.00771	25	0.94	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.44500	0.00200	0.41526	0.02906	0.00771	25	1.02	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.46600	0.03600	0.41526	0.02906	0.00771	25	1.75	6%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.47500	0.00000	0.41526	0.02906	0.00771	25	2.06	7%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.47870	0.00340	0.41526	0.02906	0.00771	25	2.18	8%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.00000	0.00000	0.41526	0.02906	0.00771	25			4
035.42	Sodium, ICP, Open vessel (%)	0613	0.35000	0.00000	0.41751	0.02928	0.01636	17	-2.31	8%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.37000	0.06000	0.41751	0.02928	0.01636	17	-1.62	6%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.39000	0.00000	0.41751	0.02928	0.01636	17	-0.94	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.39500	0.05000	0.41751	0.02928	0.01636	17	-0.77	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.39850	0.00100	0.41751	0.02928	0.01636	17	-0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.40350	0.00900	0.41751	0.02928	0.01636	17	-0.48	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.41150	0.00100	0.41751	0.02928	0.01636	17	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.41500	0.01400	0.41751	0.02928	0.01636	17	-0.09	0%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.41600	0.02200	0.41751	0.02928	0.01636	17	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.42400	0.01400	0.41751	0.02928	0.01636	17	0.22	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.42810	0.02340	0.41751	0.02928	0.01636	17	0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.43500	0.01000	0.41751	0.02928	0.01636	17	0.60	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.43565	0.00090	0.41751	0.02928	0.01636	17	0.62	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.44450	0.05100	0.41751	0.02928	0.01636	17	0.92	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.45000	0.00000	0.41751	0.02928	0.01636	17	1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.45000	0.02000	0.41751	0.02928	0.01636	17	1.11	4%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.45380	0.00180	0.41751	0.02928	0.01636	17	1.24	4%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.33000	0.04000	0.40947	0.03120	3.8170	17	-2.55	10%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.36000	0.00000	0.40947	0.03120	3.8170	17	-1.59	6%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.38000	0.02000	0.40947	0.03120	3.8170	17	-0.94	4%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.38070	0.00360	0.40947	0.03120	3.8170	17	-0.92	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.40450	0.00500	0.40947	0.03120	3.8170	17	-0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.40450	0.00300	0.40947	0.03120	3.8170	17	-0.16	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.40500	0.01000	0.40947	0.03120	3.8170	17	-0.14	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0353	0.40500	0.01000	0.40947	0.03120	3.8170	17	-0.14	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.40600	0.00400	0.40947	0.03120	3.8170	17	-0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.41150	0.02500	0.40947	0.03120	3.8170	17	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.41500	0.02600	0.40947	0.03120	3.8170	17	0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.41850	0.00100	0.40947	0.03120	3.8170	17	0.29	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.42000	0.00000	0.40947	0.03120	3.8170	17	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.43500	0.00000	0.40947	0.03120	3.8170	17	0.82	3%	0
035.43	Sodium, ICP, Microwave (%)	2124	0.43740	0.00200	0.40947	0.03120	3.8170	17	0.90	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.45820	0.00360	0.40947	0.03120	3.8170	17	1.56	6%	0
035.43	Sodium, ICP, Microwave (%)	0202	3,668.7	64.736	0.40947	0.03120	3.8170	17	117582.44	447931%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.41390	0.00160				1			0
035.53	Sodium, ICP-MS, Microwave (%)	2066	0.26000	0.00000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.43375	0.00730				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.43700	0.02800				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.27000	0.02000	0.37875	0.07296	0.01250	4	-14.50	17%	0
035.99	Sodium, Miscellaneous (%)	0590	0.40500	0.01000	0.37875	0.07296	0.01250	4	-1.00	1%	0
035.99	Sodium, Miscellaneous (%)	0242	0.41500	0.01000	0.37875	0.07296	0.01250	4	0.00	0%	0
035.99	Sodium, Miscellaneous (%)	0100	0.42500	0.01000	0.37875	0.07296	0.01250	4	1.00	1%	0
036.00	Sulfur, Gravimetric (%)	0038	0.37050	0.00100				1			0
036.04	Sulfur, LECO (%)	2053	0.34500	0.03000	0.37625	0.02175	0.02250	4	-1.44	4%	0
036.04	Sulfur, LECO (%)	0229	0.38000	0.00000	0.37625	0.02175	0.02250	4	0.17	0%	0
036.04	Sulfur, LECO (%)	0098	0.38500	0.01000	0.37625	0.02175	0.02250	4	0.40	1%	0
036.04	Sulfur, LECO (%)	0226	0.39500	0.05000	0.37625	0.02175	0.02250	4	0.86	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.31500	0.05000	0.35310	0.02863	2.1303	17	-1.33	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.32050	0.02500	0.35310	0.02863	2.1303	17	-1.14	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.32500	0.05000	0.35310	0.02863	2.1303	17	-0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.32500	0.01000	0.35310	0.02863	2.1303	17	-0.98	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.33530	0.01800	0.35310	0.02863	2.1303	17	-0.62	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.33650	0.00100	0.35310	0.02863	2.1303	17	-0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.34400	0.00000	0.35310	0.02863	2.1303	17	-0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.35000	0.00000	0.35310	0.02863	2.1303	17	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.35000	0.00000	0.35310	0.02863	2.1303	17	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.35825	0.00130	0.35310	0.02863	2.1303	17	0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.36000	0.00000	0.35310	0.02863	2.1303	17	0.24	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.36400	0.00000	0.35310	0.02863	2.1303	17	0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.37490	0.00200	0.35310	0.02863	2.1303	17	0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.37500	0.01000	0.35310	0.02863	2.1303	17	0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.37710	0.00400	0.35310	0.02863	2.1303	17	0.84	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.41000	0.00000	0.35310	0.02863	2.1303	17	1.99	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	18.388	36.045	0.35310	0.02863	2.1303	17	629.86	2554%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.24000	0.00000	0.36753	0.02509	2.6941	13	-5.08	17%	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	
036.43	Sulfur, ICP, Microwave (%)	0353	0.33500	0.01000	0.36753	0.02509	2.6941	13	-1.30	4%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.35150	0.01100	0.36753	0.02509	2.6941	13	-0.64	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.35700	0.00200	0.36753	0.02509	2.6941	13	-0.42	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.35800	0.00400	0.36753	0.02509	2.6941	13	-0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.36000	0.00000	0.36753	0.02509	2.6941	13	-0.30	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.36500	0.01000	0.36753	0.02509	2.6941	13	-0.10	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.37560	0.01500	0.36753	0.02509	2.6941	13	0.32	1%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.37950	0.05500	0.36753	0.02509	2.6941	13	0.48	2%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.38025	0.01890	0.36753	0.02509	2.6941	13	0.51	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.38600	0.00000	0.36753	0.02509	2.6941	13	0.74	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.39500	0.01000	0.36753	0.02509	2.6941	13	1.09	4%	0
036.43	Sulfur, ICP, Microwave (%)	0202	3,357.1	34.888	0.36753	0.02509	2.6941	13	133799.03	456663%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	3,779.5	163.00				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.34000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.40400	0.00200				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	270.83	2.9000	300.20	28.639	7.0000	10	-1.03	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	276.70	5.2000	300.20	28.639	7.0000	10	-0.82	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	286.00	8.0000	300.20	28.639	7.0000	10	-0.50	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	286.00	6.0000	300.20	28.639	7.0000	10	-0.50	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	290.63	6.2500	300.20	28.639	7.0000	10	-0.33	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	295.50	1.0000	300.20	28.639	7.0000	10	-0.16	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	299.00	2.0000	300.20	28.639	7.0000	10	-0.04	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0653	311.00	0.80000	300.20	28.639	7.0000	10	0.38	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	782.05	6.1000	300.20	28.639	7.0000	10	16.83	80%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	1,508.9	31.750	300.20	28.639	7.0000	10	42.20	201%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	272.50	17.000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	285.45	7.3000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	276.65	8.7000				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0878	263.00	18.000	288.63	14.046	71.062	19	-1.82	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	265.68	10.200	288.63	14.046	71.062	19	-1.63	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	270.70	15.400	288.63	14.046	71.062	19	-1.28	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	277.00	6.0000	288.63	14.046	71.062	19	-0.83	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	280.34	12.420	288.63	14.046	71.062	19	-0.59	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	283.50	3.0000	288.63	14.046	71.062	19	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	285.63	4.9500	288.63	14.046	71.062	19	-0.21	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	285.80	1.3200	288.63	14.046	71.062	19	-0.20	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	286.60	0.20000	288.63	14.046	71.062	19	-0.14	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	289.00	12.000	288.63	14.046	71.062	19	0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	292.43	9.8060	288.63	14.046	71.062	19	0.27	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	293.65	1.9000	288.63	14.046	71.062	19	0.36	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	294.76	1.2200	288.63	14.046	71.062	19	0.44	1%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	294.96	0.15990	288.63	14.046	71.062	19	0.45	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	295.50	23.000	288.63	14.046	71.062	19	0.49	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	299.10	3.0000	288.63	14.046	71.062	19	0.75	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	300.50	11.000	288.63	14.046	71.062	19	0.84	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	312.10	1.6000	288.63	14.046	71.062	19	1.67	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	3,652.5	1,215.0	288.63	14.046	71.062	19	239.48	583%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	196.90	13.000	278.41	21.468	18.058	16	-3.80	15%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	214.45	28.100	278.41	21.468	18.058	16	-2.98	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	252.85	2.3000	278.41	21.468	18.058	16	-1.19	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	266.50	5.0000	278.41	21.468	18.058	16	-0.55	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	270.00	46.000	278.41	21.468	18.058	16	-0.39	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	274.50	1.0000	278.41	21.468	18.058	16	-0.18	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	278.00	2.0000	278.41	21.468	18.058	16	-0.02	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	279.50	1.0000	278.41	21.468	18.058	16	0.05	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	282.50	29.000	278.41	21.468	18.058	16	0.19	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	282.79	33.830	278.41	21.468	18.058	16	0.20	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	285.50	1.0000	278.41	21.468	18.058	16	0.33	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	286.00	10.000	278.41	21.468	18.058	16	0.35	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	293.46	1.4490	278.41	21.468	18.058	16	0.70	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	293.56	3.9200	278.41	21.468	18.058	16	0.71	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	306.39	1.7300	278.41	21.468	18.058	16	1.30	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	341.60	109.60	278.41	21.468	18.058	16	2.94	11%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	239.50	5.0000	288.93	16.120	6.4331	20	-3.07	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	260.47	2.2163	288.93	16.120	6.4331	20	-1.77	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	265.00	2.0000	288.93	16.120	6.4331	20	-1.48	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	275.50	9.0000	288.93	16.120	6.4331	20	-0.83	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	278.91	4.5400	288.93	16.120	6.4331	20	-0.62	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	281.00	2.0000	288.93	16.120	6.4331	20	-0.49	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	282.82	1.1900	288.93	16.120	6.4331	20	-0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	287.00	0.00000	288.93	16.120	6.4331	20	-0.12	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2124	289.73	3.7615	288.93	16.120	6.4331	20	0.05	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	289.88	6.4700	288.93	16.120	6.4331	20	0.06	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	291.00	6.0000	288.93	16.120	6.4331	20	0.13	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	294.00	2.0000	288.93	16.120	6.4331	20	0.31	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2023	295.00	8.0000	288.93	16.120	6.4331	20	0.38	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	296.50	5.0000	288.93	16.120	6.4331	20	0.47	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	298.50	5.0000	288.93	16.120	6.4331	20	0.59	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	298.53	0.28500	288.93	16.120	6.4331	20	0.60	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	299.45	2.1000	288.93	16.120	6.4331	20	0.65	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	300.05	15.100	288.93	16.120	6.4331	20	0.69	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	314.00	14.000	288.93	16.120	6.4331	20	1.56	4%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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))	0169	345.50	35.000	288.93	16.120	6.4331	20	3.51	10%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2114	259.22	2.4130				1			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	307.00	22.000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	258.00	8.0000	289.20	23.708	4.4000	5	-1.32	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	270.50	1.0000	289.20	23.708	4.4000	5	-0.79	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	298.00	2.0000	289.20	23.708	4.4000	5	0.37	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	308.50	3.0000	289.20	23.708	4.4000	5	0.81	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	311.00	8.0000	289.20	23.708	4.4000	5	0.92	4%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.70000	0.00000				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0964	0.78085	0.03870				3			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	0.84000	0.00000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	0.73400	0.15000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	0.77500	0.01000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.1600	0.24000				3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.31675	0.06710	0.85386	0.44493	0.12159	7	-1.21	31%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.57000	0.10000	0.85386	0.44493	0.12159	7	-0.64	17%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.75000	0.10000	0.85386	0.44493	0.12159	7	-0.23	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.76400	0.02800	0.85386	0.44493	0.12159	7	-0.20	5%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	0.90500	0.03600	0.85386	0.44493	0.12159	7	0.11	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	1.1500	0.30000	0.85386	0.44493	0.12159	7	0.67	17%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	3.8500	0.22000	0.85386	0.44493	0.12159	7	6.73	175%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.77000	0.04000				1			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.63200	0.03800				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.84675	0.02070				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2023	0.96500	0.01000				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	5.8400	0.08000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0504	4.6890	0.30400				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	5.5026	0.00400				1			0
042.00	Chloride, Titrimetric (%)	0948	0.74500	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0297	1.0800	0.00000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	0.60500	0.03000				1			0
042.99	Chloride, Miscellaneous (%)	0613	1.0750	0.05000				2			0
042.99	Chloride, Miscellaneous (%)	0726	6.2400	0.00000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0160	1,992.5	377.00				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	2,794.0	140.00				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	2,105.0	50.000				1			0
101.99	Choline Chloride, Miscellaneous (mg / kg (ppm))	0644	786.18	6.9680				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	149.50	1.0000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	35.000	0.00000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	42.050	0.00000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	14.350	0.30000				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			
104.03	Riboflavin, LC (mg / kg (ppm))	0910	11.410	1.4800				2		0	
104.03	Riboflavin, LC (mg / kg (ppm))	2023	16.350	0.30000				2		0	
105.00	Thiamine, LC (mg / kg (ppm))	2023	17.250	0.50000				3		0	
105.00	Thiamine, LC (mg / kg (ppm))	0629	26.200	0.00000				3		0	
105.00	Thiamine, LC (mg / kg (ppm))	0910	28.230	4.5600				3		0	
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	24.750	0.50000				1		0	
106.00	Vitamin A, Color (KU / kg)	0019	33.998	2.2640				1		0	
106.01	Vitamin A, UV (KU / kg)	0098	20.100	1.0000				1		0	
106.02	Vitamin A, LC (KU / kg)	0905	8.5600	1.7640	19.695	4.7401	1.5433	21	-2.35	28%	0
106.02	Vitamin A, LC (KU / kg)	0028	9.6840	0.31800	19.695	4.7401	1.5433	21	-2.11	25%	0
106.02	Vitamin A, LC (KU / kg)	0004	15.065	0.33000	19.695	4.7401	1.5433	21	-0.98	12%	0
106.02	Vitamin A, LC (KU / kg)	0027	15.352	0.05500	19.695	4.7401	1.5433	21	-0.92	11%	0
106.02	Vitamin A, LC (KU / kg)	2114	16.608	2.7173	19.695	4.7401	1.5433	21	-0.65	8%	0
106.02	Vitamin A, LC (KU / kg)	0227	16.800	1.0000	19.695	4.7401	1.5433	21	-0.61	7%	0
106.02	Vitamin A, LC (KU / kg)	0010	18.050	0.50000	19.695	4.7401	1.5433	21	-0.35	4%	0
106.02	Vitamin A, LC (KU / kg)	0676	18.600	0.00000	19.695	4.7401	1.5433	21	-0.23	3%	0
106.02	Vitamin A, LC (KU / kg)	0941	18.613	0.38200	19.695	4.7401	1.5433	21	-0.23	3%	0
106.02	Vitamin A, LC (KU / kg)	0208	19.070	1.8520	19.695	4.7401	1.5433	21	-0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	2103	19.160	0.32000	19.695	4.7401	1.5433	21	-0.11	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	20.300	2.8000	19.695	4.7401	1.5433	21	0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	2053	20.300	1.4000	19.695	4.7401	1.5433	21	0.13	2%	0
106.02	Vitamin A, LC (KU / kg)	0038	20.730	0.88000	19.695	4.7401	1.5433	21	0.22	3%	0
106.02	Vitamin A, LC (KU / kg)	0610	21.350	0.10000	19.695	4.7401	1.5433	21	0.35	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	21.850	5.1000	19.695	4.7401	1.5433	21	0.45	5%	0
106.02	Vitamin A, LC (KU / kg)	0148	22.570	1.1800	19.695	4.7401	1.5433	21	0.61	7%	0
106.02	Vitamin A, LC (KU / kg)	2023	23.600	1.4000	19.695	4.7401	1.5433	21	0.82	10%	0
106.02	Vitamin A, LC (KU / kg)	0512	27.870	1.3200	19.695	4.7401	1.5433	21	1.72	21%	0
106.02	Vitamin A, LC (KU / kg)	0160	29.755	4.9500	19.695	4.7401	1.5433	21	2.12	26%	0
106.02	Vitamin A, LC (KU / kg)	0675	44.000	4.0400	19.695	4.7401	1.5433	21	5.13	62%	0
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	145.00	8.0000				1		0	
108.02	Vitamin D3, LC (KU / kg)	2023	0.45500	0.01000				3		0	
108.02	Vitamin D3, LC (KU / kg)	0861	0.95400	0.21200				3		0	
108.02	Vitamin D3, LC (KU / kg)	0675	5.2300	0.06000				3		0	
109.02	Vitamin E, LC (IU/kg)	0027	458.02	21.815	593.51	95.047	12.423	15	-1.43	11%	0
109.02	Vitamin E, LC (IU/kg)	2114	470.88	31.566	593.51	95.047	12.423	15	-1.29	10%	0
109.02	Vitamin E, LC (IU/kg)	0675	494.66	4.8100	593.51	95.047	12.423	15	-1.04	8%	0
109.02	Vitamin E, LC (IU/kg)	2023	534.00	12.000	593.51	95.047	12.423	15	-0.63	5%	0
109.02	Vitamin E, LC (IU/kg)	0098	536.00	12.000	593.51	95.047	12.423	15	-0.61	5%	0
109.02	Vitamin E, LC (IU/kg)	0208	563.50	8.2000	593.51	95.047	12.423	15	-0.32	3%	0
109.02	Vitamin E, LC (IU/kg)	0905	583.62	0.68000	593.51	95.047	12.423	15	-0.10	1%	0
109.02	Vitamin E, LC (IU/kg)	0861	610.00	0.00000	593.51	95.047	12.423	15	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	
109.02	Vitamin E, LC (IU/kg)	0910	614.95	0.30000	593.51	95.047	12.423	15	0.23	2%	0
109.02	Vitamin E, LC (IU/kg)	0610	616.25	3.5000	593.51	95.047	12.423	15	0.24	2%	0
109.02	Vitamin E, LC (IU/kg)	0941	633.70	37.190	593.51	95.047	12.423	15	0.42	3%	0
109.02	Vitamin E, LC (IU/kg)	0676	672.60	8.4000	593.51	95.047	12.423	15	0.83	7%	0
109.02	Vitamin E, LC (IU/kg)	0160	680.20	39.000	593.51	95.047	12.423	15	0.91	7%	0
109.02	Vitamin E, LC (IU/kg)	2103	709.50	1.0000	593.51	95.047	12.423	15	1.22	10%	0
109.02	Vitamin E, LC (IU/kg)	0148	724.85	5.8900	593.51	95.047	12.423	15	1.38	11%	0
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	595.50	17.000				1			0
111.00	Vitamin C, phosphorylated, LC (mg / kg (ppm))	0208	92.450	6.7000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	13.550	0.10000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	3.3950	0.17000				1			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	2053	0.01000	0.00000				3			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0160	0.15975	0.01650				3			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0689	2.1100	0.00000				3			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.8585	0.05300	1.9192	0.04170	0.02552	16	-1.46	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.8700	0.04000	1.9192	0.04170	0.02552	16	-1.18	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.8900	0.02000	1.9192	0.04170	0.02552	16	-0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.8923	0.00710	1.9192	0.04170	0.02552	16	-0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.8955	0.00900	1.9192	0.04170	0.02552	16	-0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.9075	0.00700	1.9192	0.04170	0.02552	16	-0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.9100	0.02000	1.9192	0.04170	0.02552	16	-0.22	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.9115	0.01700	1.9192	0.04170	0.02552	16	-0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.9125	0.02500	1.9192	0.04170	0.02552	16	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.9190	0.01000	1.9192	0.04170	0.02552	16	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.9265	0.00500	1.9192	0.04170	0.02552	16	0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.9375	0.02100	1.9192	0.04170	0.02552	16	0.44	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.9385	0.00700	1.9192	0.04170	0.02552	16	0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.9750	0.01000	1.9192	0.04170	0.02552	16	1.34	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	2.0563	0.12720	1.9192	0.04170	0.02552	16	3.29	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	2.0650	0.03000	1.9192	0.04170	0.02552	16	3.50	4%	0
120.01	Alanine, Pre-col OPA Der (%)	0297	0.78450	0.01300				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	1.9325	0.06500				2			0
120.02	Alanine, Post-col OPA Der (%)	2023	1.9650	0.09000				2			0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.7410	0.01000	1.8451	0.07516	0.03860	5	-1.39	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.8250	0.03000	1.8451	0.07516	0.03860	5	-0.27	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.8340	0.08200	1.8451	0.07516	0.03860	5	-0.15	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.8805	0.06100	1.8451	0.07516	0.03860	5	0.47	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.9450	0.01000	1.8451	0.07516	0.03860	5	1.33	3%	0
120.99	Alanine, Miscellaneous (%)	0226	1.9100	0.24000				2			0
120.99	Alanine, Miscellaneous (%)	2115	2.0340	0.00800				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.4219	0.00730	1.5557	0.04055	0.01576	16	-3.30	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	
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.4850	0.01000	1.5557	0.04055	0.01576	16	-1.74	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.5100	0.00000	1.5557	0.04055	0.01576	16	-1.13	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.5315	0.00300	1.5557	0.04055	0.01576	16	-0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.5405	0.01900	1.5557	0.04055	0.01576	16	-0.38	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.5455	0.01300	1.5557	0.04055	0.01576	16	-0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	1.5460	0.00800	1.5557	0.04055	0.01576	16	-0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.5560	0.03000	1.5557	0.04055	0.01576	16	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.5600	0.02000	1.5557	0.04055	0.01576	16	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.5713	0.04890	1.5557	0.04055	0.01576	16	0.38	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.5725	0.00500	1.5557	0.04055	0.01576	16	0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.5800	0.04000	1.5557	0.04055	0.01576	16	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.5815	0.00100	1.5557	0.04055	0.01576	16	0.64	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.5900	0.04000	1.5557	0.04055	0.01576	16	0.85	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.6005	0.00100	1.5557	0.04055	0.01576	16	1.10	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.6230	0.00600	1.5557	0.04055	0.01576	16	1.66	2%	0
121.01	Arginine, Pre-col OPA Der (%)	0297	1.2130	0.01200				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	1.5460	0.01200				2			0
121.02	Arginine, Post-col OPA Der (%)	2023	1.6050	0.01000				2			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.3910	0.05200	1.5393	0.08801	0.04020	5	-1.69	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.5325	0.07500	1.5393	0.08801	0.04020	5	-0.08	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.5700	0.00000	1.5393	0.08801	0.04020	5	0.35	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.5900	0.02000	1.5393	0.08801	0.04020	5	0.58	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.6130	0.05400	1.5393	0.08801	0.04020	5	0.84	2%	0
121.99	Arginine, Miscellaneous (%)	2115	1.6385	0.02900				2			0
121.99	Arginine, Miscellaneous (%)	0226	2.0000	0.42000				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.0250	0.01000	2.1542	0.04874	0.02453	16	-2.65	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.0900	0.02000	2.1542	0.04874	0.02453	16	-1.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.1215	0.02100	2.1542	0.04874	0.02453	16	-0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.1225	0.04300	2.1542	0.04874	0.02453	16	-0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.1325	0.00500	2.1542	0.04874	0.02453	16	-0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.1372	0.00590	2.1542	0.04874	0.02453	16	-0.35	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.1465	0.00500	2.1542	0.04874	0.02453	16	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.1510	0.02800	2.1542	0.04874	0.02453	16	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.1565	0.00500	2.1542	0.04874	0.02453	16	0.05	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.1590	0.00200	2.1542	0.04874	0.02453	16	0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	2.1650	0.03000	2.1542	0.04874	0.02453	16	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.1650	0.07000	2.1542	0.04874	0.02453	16	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.1655	0.02300	2.1542	0.04874	0.02453	16	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.2220	0.01600	2.1542	0.04874	0.02453	16	1.39	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.2250	0.05000	2.1542	0.04874	0.02453	16	1.45	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.2862	0.05860	2.1542	0.04874	0.02453	16	2.71	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
122.01	Aspartic, Pre-col OPA Der (%)	0297	1.6395	0.02100				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.1670	0.01400				2			0
122.02	Aspartic, Post-col OPA Der (%)	2023	2.1750	0.09000				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.0445	0.01500	2.1264	0.05524	0.03528	5	-1.48	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.1120	0.08200	2.1264	0.05524	0.03528	5	-0.26	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.1300	0.02000	2.1264	0.05524	0.03528	5	0.07	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.1503	0.04940	2.1264	0.05524	0.03528	5	0.43	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0939	2.1950	0.01000	2.1264	0.05524	0.03528	5	1.24	2%	0
122.99	Aspartic, Miscellaneous (%)	0226	2.0200	0.22000				2			0
122.99	Aspartic, Miscellaneous (%)	2115	2.2660	0.01600				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.34500	0.05000	0.39225	0.02064	0.00933	16	-2.29	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.36520	0.00480	0.39225	0.02064	0.00933	16	-1.31	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.37000	0.00000	0.39225	0.02064	0.00933	16	-1.08	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.37950	0.00100	0.39225	0.02064	0.00933	16	-0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.38400	0.00400	0.39225	0.02064	0.00933	16	-0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.38500	0.01000	0.39225	0.02064	0.00933	16	-0.35	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.38825	0.01450	0.39225	0.02064	0.00933	16	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.39000	0.00000	0.39225	0.02064	0.00933	16	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.39150	0.01700	0.39225	0.02064	0.00933	16	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.39500	0.01000	0.39225	0.02064	0.00933	16	0.13	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.40000	0.00800	0.39225	0.02064	0.00933	16	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.40450	0.00100	0.39225	0.02064	0.00933	16	0.59	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.41000	0.01000	0.39225	0.02064	0.00933	16	0.86	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.41100	0.01400	0.39225	0.02064	0.00933	16	0.91	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.41750	0.00500	0.39225	0.02064	0.00933	16	1.22	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0171	0.43000	0.00000	0.39225	0.02064	0.00933	16	1.83	5%	0
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	0297	0.24900	0.00000				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.41900	0.00200				2			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	2023	0.44500	0.01000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.39500	0.01000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.40000	0.02800				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.63250	0.05900				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0226	0.35500	0.11000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2115	0.42050	0.00300				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	4.6215	0.02500	4.7994	0.09792	0.06248	16	-1.82	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.6600	0.04000	4.7994	0.09792	0.06248	16	-1.42	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.6765	0.08500	4.7994	0.09792	0.06248	16	-1.26	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.7388	0.01050	4.7994	0.09792	0.06248	16	-0.62	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.7480	0.00200	4.7994	0.09792	0.06248	16	-0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.7900	0.01200	4.7994	0.09792	0.06248	16	-0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.8080	0.19600	4.7994	0.09792	0.06248	16	0.09	0%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	4.8100	0.06000	4.7994	0.09792	0.06248	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.8100	0.04000	4.7994	0.09792	0.06248	16	0.11	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.8200	0.05600	4.7994	0.09792	0.06248	16	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	4.8370	0.00800	4.7994	0.09792	0.06248	16	0.38	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.8440	0.03800	4.7994	0.09792	0.06248	16	0.45	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	4.8450	0.21000	4.7994	0.09792	0.06248	16	0.47	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.8900	0.10000	4.7994	0.09792	0.06248	16	0.92	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.9150	0.11000	4.7994	0.09792	0.06248	16	1.18	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	5.0083	0.00720	4.7994	0.09792	0.06248	16	2.13	2%	0
125.01	Glutamic, Pre-col OPA Der (%)	0297	3.3595	0.00500				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.8105	0.00900				2			0
125.02	Glutamic, Post-col OPA Der (%)	2023	4.9750	0.19000				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	4.5430	0.00400	4.8247	0.22357	0.09300	5	-1.26	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.7500	0.17200	4.8247	0.22357	0.09300	5	-0.33	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	4.7850	0.07000	4.8247	0.22357	0.09300	5	-0.18	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.8905	0.16900	4.8247	0.22357	0.09300	5	0.29	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0939	5.1550	0.05000	4.8247	0.22357	0.09300	5	1.48	3%	0
125.99	Glutamic, Miscellaneous (%)	0226	4.8700	0.02000				2			0
125.99	Glutamic, Miscellaneous (%)	2115	5.1045	0.03300				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	1.7100	0.00000	1.8107	0.03649	0.01903	16	-2.76	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	1.7695	0.00100	1.8107	0.03649	0.01903	16	-1.13	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.7750	0.05000	1.8107	0.03649	0.01903	16	-0.98	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.7750	0.01000	1.8107	0.03649	0.01903	16	-0.98	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.8000	0.00400	1.8107	0.03649	0.01903	16	-0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.8000	0.04000	1.8107	0.03649	0.01903	16	-0.29	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.8061	0.00860	1.8107	0.03649	0.01903	16	-0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.8125	0.00700	1.8107	0.03649	0.01903	16	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.8125	0.00300	1.8107	0.03649	0.01903	16	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.8140	0.01400	1.8107	0.03649	0.01903	16	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.8150	0.03000	1.8107	0.03649	0.01903	16	0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.8190	0.03000	1.8107	0.03649	0.01903	16	0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.8410	0.01200	1.8107	0.03649	0.01903	16	0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.8495	0.00700	1.8107	0.03649	0.01903	16	1.06	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.8612	0.04790	1.8107	0.03649	0.01903	16	1.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.8700	0.04000	1.8107	0.03649	0.01903	16	1.62	2%	0
126.01	Glycine, Pre-col OPA Der (%)	0297	0.73950	0.01900				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	1.8035	0.04500				2			0
126.02	Glycine, Post-col OPA Der (%)	2023	1.8600	0.06000				2			0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.7530	0.03600	1.8257	0.04679	0.04220	5	-1.55	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.8150	0.03000	1.8257	0.04679	0.04220	5	-0.23	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0939	1.8300	0.02000	1.8257	0.04679	0.04220	5	0.09	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	
126.05	Glycine, Pre-col AQC Der (%)	0676	1.8550	0.11400	1.8257	0.04679	0.04220	5	0.63	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.8755	0.01100	1.8257	0.04679	0.04220	5	1.06	1%	0
126.99	Glycine, Miscellaneous (%)	0226	1.7650	0.13000				2			0
126.99	Glycine, Miscellaneous (%)	2115	1.9180	0.02600				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.57370	0.00280	0.61444	0.03210	0.00599	16	-1.27	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.58200	0.00600	0.61444	0.03210	0.00599	16	-1.01	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.58500	0.01000	0.61444	0.03210	0.00599	16	-0.92	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.59000	0.00000	0.61444	0.03210	0.00599	16	-0.76	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.59500	0.01000	0.61444	0.03210	0.00599	16	-0.61	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.59550	0.00100	0.61444	0.03210	0.00599	16	-0.59	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.60300	0.00600	0.61444	0.03210	0.00599	16	-0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.60350	0.00500	0.61444	0.03210	0.00599	16	-0.34	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.61550	0.00500	0.61444	0.03210	0.00599	16	0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.61900	0.00600	0.61444	0.03210	0.00599	16	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.62350	0.00300	0.61444	0.03210	0.00599	16	0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.63000	0.00000	0.61444	0.03210	0.00599	16	0.48	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.64500	0.02000	0.61444	0.03210	0.00599	16	0.95	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.64510	0.00100	0.61444	0.03210	0.00599	16	0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.66300	0.00000	0.61444	0.03210	0.00599	16	1.51	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.69000	0.02000	0.61444	0.03210	0.00599	16	2.35	6%	0
127.01	Histidine, Pre-col OPA Der (%)	0297	0.49600	0.00200				1			0
127.02	Histidine, Post-col OPA Der (%)	2023	0.52000	0.00000				2			0
127.02	Histidine, Post-col OPA Der (%)	0098	0.56850	0.00500				2			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.55600	0.01800	0.59680	0.02927	0.00960	5	-1.39	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.58500	0.01000	0.59680	0.02927	0.00960	5	-0.40	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.60000	0.00000	0.59680	0.02927	0.00960	5	0.11	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.60750	0.01900	0.59680	0.02927	0.00960	5	0.37	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.63550	0.00100	0.59680	0.02927	0.00960	5	1.32	3%	0
127.99	Histidine, Miscellaneous (%)	0226	0.60500	0.13000				2			0
127.99	Histidine, Miscellaneous (%)	2115	0.68800	0.00600				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.99500	0.01000	1.0863	0.04227	0.01566	16	-2.16	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.0330	0.02000	1.0863	0.04227	0.01566	16	-1.26	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.0350	0.01800	1.0863	0.04227	0.01566	16	-1.21	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.0404	0.01550	1.0863	0.04227	0.01566	16	-1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.0585	0.01510	1.0863	0.04227	0.01566	16	-0.66	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.0900	0.00600	1.0863	0.04227	0.01566	16	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.0900	0.00800	1.0863	0.04227	0.01566	16	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.0910	0.01600	1.0863	0.04227	0.01566	16	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.1000	0.02000	1.0863	0.04227	0.01566	16	0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	1.1035	0.00500	1.0863	0.04227	0.01566	16	0.41	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.1085	0.01700	1.0863	0.04227	0.01566	16	0.52	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	1.1100	0.04000	1.0863	0.04227	0.01566	16	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.1100	0.02000	1.0863	0.04227	0.01566	16	0.56	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.1125	0.01500	1.0863	0.04227	0.01566	16	0.62	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.1265	0.00500	1.0863	0.04227	0.01566	16	0.95	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.1600	0.02000	1.0863	0.04227	0.01566	16	1.74	3%	0
128.01	Isoleucine, Pre-col OPA Der (%)	0297	0.75200	0.01800				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.0790	0.01400				2			0
128.02	Isoleucine, Post-col OPA Der (%)	2023	1.1550	0.05000				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.87800	0.00000	1.0475	0.10872	0.01660	5	-1.56	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	1.0000	0.02000	1.0475	0.10872	0.01660	5	-0.44	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.1000	0.02000	1.0475	0.10872	0.01660	5	0.48	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.1285	0.00300	1.0475	0.10872	0.01660	5	0.75	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.1310	0.04000	1.0475	0.10872	0.01660	5	0.77	4%	0
128.99	Isoleucine, Miscellaneous (%)	0226	0.99500	0.17000				2			0
128.99	Isoleucine, Miscellaneous (%)	2115	1.1375	0.00900				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.6121	0.00000	2.7156	0.05645	0.03468	16	-1.83	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.6720	0.03800	2.7156	0.05645	0.03468	16	-0.77	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.6780	0.02000	2.7156	0.05645	0.03468	16	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	2.6780	0.00800	2.7156	0.05645	0.03468	16	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.6800	0.02000	2.7156	0.05645	0.03468	16	-0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.6805	0.01500	2.7156	0.05645	0.03468	16	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.6875	0.03500	2.7156	0.05645	0.03468	16	-0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.6900	0.08000	2.7156	0.05645	0.03468	16	-0.45	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.7170	0.05400	2.7156	0.05645	0.03468	16	0.03	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.7295	0.00900	2.7156	0.05645	0.03468	16	0.25	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.7345	0.02500	2.7156	0.05645	0.03468	16	0.34	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.7350	0.01000	2.7156	0.05645	0.03468	16	0.34	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.7500	0.08000	2.7156	0.05645	0.03468	16	0.61	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.7855	0.01100	2.7156	0.05645	0.03468	16	1.24	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.8544	0.13980	2.7156	0.05645	0.03468	16	2.46	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	2.8850	0.01000	2.7156	0.05645	0.03468	16	3.00	3%	0
129.01	Leucine, Pre-col OPA Der (%)	0297	1.3790	0.01800				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	2.6795	0.02700				2			0
129.02	Leucine, Post-col OPA Der (%)	2023	2.7900	0.10000				2			0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.5275	0.04500	2.6791	0.08964	0.04260	5	-1.69	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0939	2.6700	0.04000	2.6791	0.08964	0.04260	5	-0.10	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.7210	0.00400	2.6791	0.08964	0.04260	5	0.47	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.7270	0.08400	2.6791	0.08964	0.04260	5	0.53	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.7500	0.04000	2.6791	0.08964	0.04260	5	0.79	1%	0
129.99	Leucine, Miscellaneous (%)	0226	2.6100	0.28000				2			0
129.99	Leucine, Miscellaneous (%)	2115	2.8400	0.02000				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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.4450	0.01000	1.5299	0.03105	0.01591	16	-2.74	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.5020	0.01200	1.5299	0.03105	0.01591	16	-0.90	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.5095	0.00900	1.5299	0.03105	0.01591	16	-0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.5100	0.02000	1.5299	0.03105	0.01591	16	-0.64	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	1.5115	0.00700	1.5299	0.03105	0.01591	16	-0.59	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.5150	0.01000	1.5299	0.03105	0.01591	16	-0.48	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.5165	0.01700	1.5299	0.03105	0.01591	16	-0.43	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.5170	0.01000	1.5299	0.03105	0.01591	16	-0.42	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.5230	0.01000	1.5299	0.03105	0.01591	16	-0.22	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.5270	0.02200	1.5299	0.03105	0.01591	16	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.5460	0.00400	1.5299	0.03105	0.01591	16	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.5509	0.05010	1.5299	0.03105	0.01591	16	0.67	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.5540	0.00350	1.5299	0.03105	0.01591	16	0.77	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.5600	0.00000	1.5299	0.03105	0.01591	16	0.97	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.6000	0.06000	1.5299	0.03105	0.01591	16	2.26	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.8250	0.01000	1.5299	0.03105	0.01591	16	9.50	10%	0
130.01	L-Lysine, Pre-col OPA Der (%)	0297	0.86750	0.01900				1			0
130.02	L-Lysine, Post-col OPA Der (%)	2023	1.4650	0.07000				2			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.5455	0.02300				2			0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.3650	0.04000	1.5023	0.08194	0.03180	5	-1.68	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.4950	0.01000	1.5023	0.08194	0.03180	5	-0.09	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.5355	0.02100	1.5023	0.08194	0.03180	5	0.41	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	1.5400	0.00000	1.5023	0.08194	0.03180	5	0.46	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.5760	0.08800	1.5023	0.08194	0.03180	5	0.90	2%	0
130.99	L-Lysine, Miscellaneous (%)	0226	1.4350	0.17000				3			0
130.99	L-Lysine, Miscellaneous (%)	2053	1.4900	0.02000				3			0
130.99	L-Lysine, Miscellaneous (%)	2115	1.6120	0.01400				3			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.32500	0.01000	0.55585	0.04436	0.01563	16	-5.20	21%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.42000	0.00000	0.55585	0.04436	0.01563	16	-3.06	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.50850	0.01300	0.55585	0.04436	0.01563	16	-1.07	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.53000	0.02000	0.55585	0.04436	0.01563	16	-0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.53000	0.06000	0.55585	0.04436	0.01563	16	-0.58	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.55250	0.00700	0.55585	0.04436	0.01563	16	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.55500	0.00200	0.55585	0.04436	0.01563	16	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.55700	0.00800	0.55585	0.04436	0.01563	16	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.55700	0.01000	0.55585	0.04436	0.01563	16	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.56200	0.00200	0.55585	0.04436	0.01563	16	0.14	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.57000	0.02000	0.55585	0.04436	0.01563	16	0.32	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.57850	0.00500	0.55585	0.04436	0.01563	16	0.51	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.58755	0.04390	0.55585	0.04436	0.01563	16	0.71	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.59950	0.00900	0.55585	0.04436	0.01563	16	0.98	4%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.60500	0.01800	0.55585	0.04436	0.01563	16	1.11	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.64360	0.02220	0.55585	0.04436	0.01563	16	1.98	8%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	0297	0.25400	0.00200				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.52050	0.00700				2			0
131.02	Methionine, PAO Post-col OPA Der (%)	2023	0.59000	0.00000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.53200	0.01800				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.56500	0.03000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.58900	0.00400				3			0
131.99	Methionine, Miscellaneous (%)	2053	0.43900	0.03000				3			0
131.99	Methionine, Miscellaneous (%)	0226	0.59000	0.04000				3			0
131.99	Methionine, Miscellaneous (%)	2115	0.61750	0.00100				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.2825	0.00500	1.3339	0.03844	0.01968	16	-1.34	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.2855	0.02300	1.3339	0.03844	0.01968	16	-1.26	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.2957	0.00650	1.3339	0.03844	0.01968	16	-0.99	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	1.3090	0.00000	1.3339	0.03844	0.01968	16	-0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.3100	0.02000	1.3339	0.03844	0.01968	16	-0.62	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.3125	0.00100	1.3339	0.03844	0.01968	16	-0.56	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.3275	0.02300	1.3339	0.03844	0.01968	16	-0.17	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.3300	0.02000	1.3339	0.03844	0.01968	16	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.3300	0.03000	1.3339	0.03844	0.01968	16	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	1.3390	0.00800	1.3339	0.03844	0.01968	16	0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.3465	0.02300	1.3339	0.03844	0.01968	16	0.33	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.3600	0.00000	1.3339	0.03844	0.01968	16	0.68	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.3701	0.05130	1.3339	0.03844	0.01968	16	0.94	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.3720	0.02400	1.3339	0.03844	0.01968	16	0.99	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	1.3800	0.02000	1.3339	0.03844	0.01968	16	1.20	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.4400	0.06000	1.3339	0.03844	0.01968	16	2.76	4%	0
132.01	Phenylalanine, Pre-col OPA Der (%)	0297	0.84250	0.00500				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.2965	0.00700				2			0
132.02	Phenylalanine, Post-col OPA Der (%)	2023	1.4700	0.02000				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	1.2690	0.09000	1.3148	0.04147	0.05120	5	-1.10	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	1.2700	0.04000	1.3148	0.04147	0.05120	5	-1.08	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.3400	0.02000	1.3148	0.04147	0.05120	5	0.61	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.3465	0.04900	1.3148	0.04147	0.05120	5	0.76	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	1.3485	0.05700	1.3148	0.04147	0.05120	5	0.81	1%	0
132.99	Phenylalanine, Miscellaneous (%)	0226	1.3400	0.12000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2115	1.3445	0.04900				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.8750	0.03000	1.9611	0.04806	0.03784	16	-1.79	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.8920	0.01570	1.9611	0.04806	0.03784	16	-1.44	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.9205	0.01100	1.9611	0.04806	0.03784	16	-0.84	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.9265	0.00700	1.9611	0.04806	0.03784	16	-0.72	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	
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.9400	0.02000	1.9611	0.04806	0.03784	16	-0.44	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.9455	0.01700	1.9611	0.04806	0.03784	16	-0.32	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.9500	0.02000	1.9611	0.04806	0.03784	16	-0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.9600	0.04000	1.9611	0.04806	0.03784	16	-0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.9660	0.02000	1.9611	0.04806	0.03784	16	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.9725	0.03500	1.9611	0.04806	0.03784	16	0.24	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.9730	0.05400	1.9611	0.04806	0.03784	16	0.25	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.9900	0.12000	1.9611	0.04806	0.03784	16	0.60	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.9915	0.04700	1.9611	0.04806	0.03784	16	0.63	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.9975	0.01700	1.9611	0.04806	0.03784	16	0.76	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	2.0300	0.12000	1.9611	0.04806	0.03784	16	1.43	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	2.2161	0.03180	1.9611	0.04806	0.03784	16	5.31	7%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.8280	0.05600	1.9337	0.08142	0.05460	5	-1.30	3%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.8870	0.03800	1.9337	0.08142	0.05460	5	-0.57	1%	0
133.05	Proline, Pre-col AQC Der (%)	0939	1.9450	0.03000	1.9337	0.08142	0.05460	5	0.14	0%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.9650	0.03000	1.9337	0.08142	0.05460	5	0.38	1%	0
133.05	Proline, Pre-col AQC Der (%)	0676	2.0435	0.11900	1.9337	0.08142	0.05460	5	1.35	3%	0
133.99	Proline, Miscellaneous (%)	0226	2.0100	0.26000				3			0
133.99	Proline, Miscellaneous (%)	2023	2.0950	0.03000				3			0
133.99	Proline, Miscellaneous (%)	2115	2.1040	0.07000				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.0150	0.07000	1.2573	0.04126	0.02833	16	-5.87	10%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.2150	0.03000	1.2573	0.04126	0.02833	16	-1.03	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.2205	0.01100	1.2573	0.04126	0.02833	16	-0.89	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	1.2280	0.01600	1.2573	0.04126	0.02833	16	-0.71	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.2300	0.03000	1.2573	0.04126	0.02833	16	-0.66	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.2360	0.00000	1.2573	0.04126	0.02833	16	-0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.2445	0.00300	1.2573	0.04126	0.02833	16	-0.31	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.2465	0.00300	1.2573	0.04126	0.02833	16	-0.26	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.2600	0.01200	1.2573	0.04126	0.02833	16	0.07	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.2620	0.00800	1.2573	0.04126	0.02833	16	0.11	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.2840	0.07200	1.2573	0.04126	0.02833	16	0.65	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.2850	0.01000	1.2573	0.04126	0.02833	16	0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.2856	0.01920	1.2573	0.04126	0.02833	16	0.69	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.2900	0.02000	1.2573	0.04126	0.02833	16	0.79	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.3150	0.01000	1.2573	0.04126	0.02833	16	1.40	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.3379	0.13900	1.2573	0.04126	0.02833	16	1.95	3%	0
134.01	Serine, Pre-col OPA Der (%)	0297	0.85300	0.02600				1			0
134.02	Serine, Post-col OPA Der (%)	0098	1.1420	0.04800				2			0
134.02	Serine, Post-col OPA Der (%)	2023	1.2150	0.05000				2			0
134.05	Serine, Pre-col AQC Der (%)	0676	1.1405	0.10100	1.2561	0.07803	0.05060	5	-1.48	5%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.2350	0.01400	1.2561	0.07803	0.05060	5	-0.27	1%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	
134.05	Serine, Pre-col AQC Der (%)	0610	1.2500	0.06000	1.2561	0.07803	0.05060	5	-0.08	0%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.3150	0.05800	1.2561	0.07803	0.05060	5	0.75	2%	0
134.05	Serine, Pre-col AQC Der (%)	0939	1.3400	0.02000	1.2561	0.07803	0.05060	5	1.08	3%	0
134.99	Serine, Miscellaneous (%)	2115	1.3215	0.01100				2			0
134.99	Serine, Miscellaneous (%)	0226	1.4450	0.33000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.97000	0.02000	1.0213	0.03422	0.01536	16	-1.50	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.99000	0.02000	1.0213	0.03422	0.01536	16	-0.91	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	0.99900	0.01400	1.0213	0.03422	0.01536	16	-0.65	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.99950	0.01300	1.0213	0.03422	0.01536	16	-0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.0030	0.00600	1.0213	0.03422	0.01536	16	-0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.0050	0.01000	1.0213	0.03422	0.01536	16	-0.48	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.0075	0.01500	1.0213	0.03422	0.01536	16	-0.40	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.0120	0.00000	1.0213	0.03422	0.01536	16	-0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.0125	0.00700	1.0213	0.03422	0.01536	16	-0.26	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.0215	0.00500	1.0213	0.03422	0.01536	16	0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.0223	0.00910	1.0213	0.03422	0.01536	16	0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.0400	0.00800	1.0213	0.03422	0.01536	16	0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.0530	0.02600	1.0213	0.03422	0.01536	16	0.93	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.0600	0.02000	1.0213	0.03422	0.01536	16	1.13	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	1.0750	0.03000	1.0213	0.03422	0.01536	16	1.57	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.0948	0.04260	1.0213	0.03422	0.01536	16	2.15	4%	0
135.01	Threonine, Pre-col OPA Der (%)	0297	0.65100	0.01000				1			0
135.02	Threonine, Post-col OPA Der (%)	2023	1.0050	0.03000				2			0
135.02	Threonine, Post-col OPA Der (%)	0098	1.0085	0.00700				2			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.96450	0.00500	1.0116	0.03347	0.02560	5	-1.41	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.99350	0.06100	1.0116	0.03347	0.02560	5	-0.54	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.0150	0.01000	1.0116	0.03347	0.02560	5	0.10	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0939	1.0400	0.02000	1.0116	0.03347	0.02560	5	0.85	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.0450	0.03200	1.0116	0.03347	0.02560	5	1.00	2%	0
135.99	Threonine, Miscellaneous (%)	2115	1.0880	0.00200				2			0
135.99	Threonine, Miscellaneous (%)	0226	1.0900	0.30000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.25015	0.06810	0.26499	0.01540	0.01702	5	-1.24	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.25750	0.01100	0.26499	0.01540	0.01702	5	-0.75	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.25900	0.00600	0.26499	0.01540	0.01702	5	-0.65	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.26830	0.00000	0.26499	0.01540	0.01702	5	-0.03	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.29000	0.00000	0.26499	0.01540	0.01702	5	1.42	4%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.25050	0.00100				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.25650	0.00500				3			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.27800	0.00000				3			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	2023	0.18500	0.01000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.25850	0.00100				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.24950	0.01100	0.26000	0.00745	0.00520	5	-1.41	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.25700	0.00400	0.26000	0.00745	0.00520	5	-0.40	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.25950	0.00300	0.26000	0.00745	0.00520	5	-0.07	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.26550	0.00300	0.26000	0.00745	0.00520	5	0.74	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.26850	0.00500	0.26000	0.00745	0.00520	5	1.14	2%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.26000	0.02000				2			0
136.99	Tryptophan, Miscellaneous (%)	0226	0.35000	0.04000				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.64165	0.01650	0.92885	0.04277	0.01699	13	-6.72	15%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.81000	0.06000	0.92885	0.04277	0.01699	13	-2.78	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.88500	0.03000	0.92885	0.04277	0.01699	13	-1.03	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.92000	0.00000	0.92885	0.04277	0.01699	13	-0.21	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.92420	0.01340	0.92885	0.04277	0.01699	13	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.93000	0.00000	0.92885	0.04277	0.01699	13	0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.93650	0.01300	0.92885	0.04277	0.01699	13	0.18	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.94550	0.00700	0.92885	0.04277	0.01699	13	0.39	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.94650	0.00500	0.92885	0.04277	0.01699	13	0.41	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.95500	0.00400	0.92885	0.04277	0.01699	13	0.61	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.95500	0.01000	0.92885	0.04277	0.01699	13	0.61	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.95500	0.06000	0.92885	0.04277	0.01699	13	0.61	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.0200	0.00200	0.92885	0.04277	0.01699	13	2.13	5%	0
137.01	Tyrosine, Pre-col OPA Der (%)	0297	0.63100	0.00400				1			0
137.02	Tyrosine, Post-col OPA Der (%)	2023	0.75000	0.02000				2			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.0895	0.00900				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.92500	0.04800	0.98930	0.06376	0.04780	5	-1.01	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.95000	0.14000	0.98930	0.06376	0.04780	5	-0.62	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.95600	0.00200	0.98930	0.06376	0.04780	5	-0.52	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.0505	0.03900	0.98930	0.06376	0.04780	5	0.96	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.0650	0.01000	0.98930	0.06376	0.04780	5	1.19	4%	0
137.99	Tyrosine, Miscellaneous (%)	2115	0.93450	0.02700				2			0
137.99	Tyrosine, Miscellaneous (%)	0226	1.0500	0.04000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.2300	0.02000	1.3097	0.04470	0.02298	16	-1.78	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.2650	0.03000	1.3097	0.04470	0.02298	16	-1.00	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.2687	0.13660	1.3097	0.04470	0.02298	16	-0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.2725	0.02500	1.3097	0.04470	0.02298	16	-0.83	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.2733	0.02200	1.3097	0.04470	0.02298	16	-0.81	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.2915	0.00500	1.3097	0.04470	0.02298	16	-0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.3035	0.00100	1.3097	0.04470	0.02298	16	-0.14	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.3050	0.01000	1.3097	0.04470	0.02298	16	-0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.3155	0.00700	1.3097	0.04470	0.02298	16	0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.3195	0.00100	1.3097	0.04470	0.02298	16	0.22	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.3215	0.00100	1.3097	0.04470	0.02298	16	0.26	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	
138.00	Valine, Post-col Ninhydrin Der (%)	0878	1.3260	0.00600	1.3097	0.04470	0.02298	16	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.3535	0.00300	1.3097	0.04470	0.02298	16	0.98	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.3600	0.04000	1.3097	0.04470	0.02298	16	1.13	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	1.3600	0.02000	1.3097	0.04470	0.02298	16	1.13	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.4000	0.04000	1.3097	0.04470	0.02298	16	2.02	3%	0
138.01	Valine, Pre-col OPA Der (%)	0297	0.94800	0.00600				1			0
138.02	Valine, Post-col OPA Der (%)	0098	1.3010	0.02200				2			0
138.02	Valine, Post-col OPA Der (%)	2023	1.3100	0.04000				2			0
138.05	Valine, Pre-col AQC Der (%)	0148	1.1820	0.00000	1.2876	0.08113	0.02600	5	-1.30	4%	0
138.05	Valine, Pre-col AQC Der (%)	0939	1.2600	0.02000	1.2876	0.08113	0.02600	5	-0.34	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.2890	0.02600	1.2876	0.08113	0.02600	5	0.02	0%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.3000	0.02000	1.2876	0.08113	0.02600	5	0.15	0%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.4070	0.06400	1.2876	0.08113	0.02600	5	1.47	5%	0
138.99	Valine, Miscellaneous (%)	0226	1.1700	0.24000				2			0
138.99	Valine, Miscellaneous (%)	2115	2.4490	0.01400				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0910	0.07155	0.00070	0.14414	0.08184	0.01268	4	-0.89	25%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0227	0.07500	0.01000	0.14414	0.08184	0.01268	4	-0.84	24%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.21500	0.01000	0.14414	0.08184	0.01268	4	0.87	25%	0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.21500	0.03000	0.14414	0.08184	0.01268	4	0.87	25%	0
139.02	Taurine, Post-col OPA Der (%)	0098	0.08750	0.00500				1			0
139.03	Taurine, Pre-col Dansyl Cl Der (%)	0675	0.05000	0.00000				1			0
139.05	Taurine, Pre-col AQC Der (%)	0027	0.04700	0.00600				2			0
139.05	Taurine, Pre-col AQC Der (%)	0148	0.12250	0.00900				2			0
139.99	Taurine, Miscellaneous (%)	0160	0.05815	0.00430				2			0
139.99	Taurine, Miscellaneous (%)	2115	0.24500	0.00600				2			0
160.99	Fructose, Miscellaneous (%)	0861	0.10000	0.00000				3			0
160.99	Fructose, Miscellaneous (%)	0889	0.14500	0.03000				3			0
160.99	Fructose, Miscellaneous (%)	0297	0.29500	0.01600				3			0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0889	0.06500	0.01000				3			0
162.99	Glucose, Miscellaneous (%)	0861	0.10000	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	0297	0.45200	0.00000				3			0
163.99	Lactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0861	0.25000	0.10000				2			0
164.99	Maltose, Miscellaneous (%)	0297	0.30900	0.09400				2			0
165.99	Sucrose, Miscellaneous (%)	0227	0.45000	0.00000	1.2791	1.2514	0.03325	4	-0.63	34%	0
165.99	Sucrose, Miscellaneous (%)	0861	0.60000	0.00000	1.2791	1.2514	0.03325	4	-0.53	28%	0
165.99	Sucrose, Miscellaneous (%)	0889	0.93500	0.11000	1.2791	1.2514	0.03325	4	-0.30	16%	0
165.99	Sucrose, Miscellaneous (%)	0297	3.1315	0.02300	1.2791	1.2514	0.03325	4	1.15	62%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.24960	0.00120	0.29896	0.04013	0.00348	6	-1.23	8%	0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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	0.28550	0.00700	0.29896	0.04013	0.00348	6	-0.34	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.29650	0.00020	0.29896	0.04013	0.00348	6	-0.06	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.30050	0.00100	0.29896	0.04013	0.00348	6	0.04	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.30250	0.00500	0.29896	0.04013	0.00348	6	0.09	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.36325	0.00650	0.29896	0.04013	0.00348	6	1.60	11%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.30900	0.00400				3			0
400.99	Water activity, Miscellaneous (Units)	2083	0.34800	0.00400				3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.35700	0.01400				3			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.11150	0.00300				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.24000	0.02000				2			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	2124	0.00000	0.00000				0			4
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.28500	0.03000				1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0164	0.27900	0.01200	0.34191	0.08185	0.00988	4	-0.77	9%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.27900	0.01200	0.34191	0.08185	0.00988	4	-0.77	9%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.35865	0.01550	0.34191	0.08185	0.00988	4	0.20	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.45100	0.00000	0.34191	0.08185	0.00988	4	1.33	16%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.05500	0.01000				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	2124	0.01585	0.00110				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.04000	0.00000				1			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0164	0.03800	0.00600	0.04026	0.00357	0.00353	4	-0.63	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.03800	0.00600	0.04026	0.00357	0.00353	4	-0.63	3%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.03955	0.00110	0.04026	0.00357	0.00353	4	-0.20	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.04550	0.00100	0.04026	0.00357	0.00353	4	1.47	7%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	4.0500	0.10000				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	3.9200	0.10000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	4.5500	0.48000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	4.7950	0.19000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	5.0550	0.23000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	3.2313	0.41960				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	2023	4.6100	0.02000				2			0
526.31	Lead, AAS, Dry ash (mg / kg (ppm))	0689	0.20000	0.00000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.06500	0.01000				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.12000	0.02000				1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0164	0.10500	0.00400	0.11125	0.00762	0.00435	4	-0.82	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.10500	0.00400	0.11125	0.00762	0.00435	4	-0.82	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.11450	0.00640	0.11125	0.00762	0.00435	4	0.43	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.12050	0.00300	0.11125	0.00762	0.00435	4	1.21	4%	0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	1.2000	0.00000				1			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	1.1000	0.00000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0504	1.7075	0.50300				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	0.97470	0.04940				2			0

Test Material Code # 201721

Method Proficiency Testing Report

Issue Date : 02/28/2017

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			
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	2023	1.2550	0.01000				2			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	2124	0.00570	0.00000				2			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.01000	0.00000				2			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	2124	0.23720	0.00120				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	2124	2.2418	0.01570				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.50600	0.00200				2			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	2124	0.53390	0.00200				2			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	2124	0.72220	0.00920				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	2124	2.9332	0.01010				1			0
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by	0675	2.3850	0.57000				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2114	0.14000	0.00000	1.6208	0.99083	0.01230	4	-19.02	47%	0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	2124	1.9952	0.00920	1.6208	0.99083	0.01230	4	-1.15	3%	0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.1630	0.01000	1.6208	0.99083	0.01230	4	0.47	1%	0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0610	2.1850	0.03000	1.6208	0.99083	0.01230	4	0.68	2%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.15500	0.00000				2			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	2124	0.15775	0.00010				2			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.08700	0.00000				1			0
740.02	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0675	0.15500	0.03000				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0171	0.20500	0.01000	0.25829	0.03342	0.00626	5	-1.59	10%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0676	0.25800	0.00000	0.25829	0.03342	0.00626	5	-0.01	0%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	2124	0.25845	0.00130	0.25829	0.03342	0.00626	5	0.00	0%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	0610	0.27500	0.01000	0.25829	0.03342	0.00626	5	0.50	3%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2l	2114	0.29500	0.01000	0.25829	0.03342	0.00626	5	1.10	7%	0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0676	0.03950	0.00100				2			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0171	0.15000	0.02000				2			0
750.02	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0675	0.10500	0.01000				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0676	0.17900	0.00000				3			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	2124	0.20065	0.00010				3			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,1	0610	0.21000	0.00000				3			0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0675	0.37000	0.04000				2			0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0610	0.70000	0.00000				2			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0171	0.58500	0.01000	0.71257	0.12678	0.05505	6	-1.01	9%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0676	0.64000	0.00000	0.71257	0.12678	0.05505	6	-0.57	5%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	2114	0.66000	0.00000	0.71257	0.12678	0.05505	6	-0.41	4%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	2124	0.73765	0.00030	0.71257	0.12678	0.05505	6	0.20	2%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0629	0.75000	0.02000	0.71257	0.12678	0.05505	6	0.30	3%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids,	0941	6.0500	0.30000	0.71257	0.12678	0.05505	6	42.10	375%	0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0610	2.3000	0.00000				2			0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0675	2.3850	0.57000				2			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0171	1.7900	0.00000	2.3830	0.52780	0.02312	6	-1.12	12%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	2124	2.0981	0.00870	2.3830	0.52780	0.02312	6	-0.54	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	2.3050	0.01000	2.3830	0.52780	0.02312	6	-0.15	2%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	2114	2.4200	0.00000	2.3830	0.52780	0.02312	6	0.07	1%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0629	2.5100	0.02000	2.3830	0.52780	0.02312	6	0.24	3%	0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0941	18.350	0.10000	2.3830	0.52780	0.02312	6	30.25	335%	0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	2124	9.5098	0.04660				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.