



Pheasant & Turkey Feed

Animal Feed Scheme

Labs Reporting: 195

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.50000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	8.1850	0.19000	9.1004	0.75237	0.18680	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0017	8.4000	0.20000	9.1004	0.75237	0.18680	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.4950	0.43000	9.1004	0.75237	0.18680	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	9.5800	0.06000	9.1004	0.75237	0.18680	5			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.8420	0.05400	9.1004	0.75237	0.18680	5			0
001.03	Loss on Drying, Low temp. methods (%)	0895	9.5050	0.01000	9.6516	0.17199	0.01440	4			0
001.03	Loss on Drying, Low temp. methods (%)	0903	9.5500	0.02000	9.6516	0.17199	0.01440	4			0
001.03	Loss on Drying, Low temp. methods (%)	0186	9.6613	0.02760	9.6516	0.17199	0.01440	4			0
001.03	Loss on Drying, Low temp. methods (%)	0893	9.8900	0.00000	9.6516	0.17199	0.01440	4			0
001.03	Loss on Drying, Low temp. methods (%)	0619	9.5150	0.09000	9.6516	0.17199	0.01440	4			1
001.05	Loss on Drying, LECO (%)	0610	9.2750	0.03000				2			0
001.05	Loss on Drying, LECO (%)	0644	9.4850	0.03000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	6.5300	0.04000	9.4347	0.33400	0.15618	40	-8.70	15%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.4500	0.12000	9.4347	0.33400	0.15618	40	-2.95	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.6250	0.13000	9.4347	0.33400	0.15618	40	-2.42	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	8.7250	0.19000	9.4347	0.33400	0.15618	40	-2.12	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.8800	0.00440	9.4347	0.33400	0.15618	40	-1.66	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.9500	0.10000	9.4347	0.33400	0.15618	40	-1.45	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.1050	0.15000	9.4347	0.33400	0.15618	40	-0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.1900	0.00000	9.4347	0.33400	0.15618	40	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.1900	0.28000	9.4347	0.33400	0.15618	40	-0.73	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.2000	0.20000	9.4347	0.33400	0.15618	40	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.2650	0.83000	9.4347	0.33400	0.15618	40	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.3200	0.62000	9.4347	0.33400	0.15618	40	-0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.3400	0.12000	9.4347	0.33400	0.15618	40	-0.28	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	9.3800	0.02000	9.4347	0.33400	0.15618	40	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.3850	0.05000	9.4347	0.33400	0.15618	40	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.3893	0.00580	9.4347	0.33400	0.15618	40	-0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.4050	0.05000	9.4347	0.33400	0.15618	40	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	9.4300	0.04000	9.4347	0.33400	0.15618	40	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.4550	0.11000	9.4347	0.33400	0.15618	40	0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	9.4600	0.00000	9.4347	0.33400	0.15618	40	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.4800	0.02000	9.4347	0.33400	0.15618	40	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	9.4850	0.03000	9.4347	0.33400	0.15618	40	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.4900	0.14000	9.4347	0.33400	0.15618	40	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.5000	0.08000	9.4347	0.33400	0.15618	40	0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.5150	0.05000	9.4347	0.33400	0.15618	40	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	9.5150	0.03000	9.4347	0.33400	0.15618	40	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	9.5285	0.11700	9.4347	0.33400	0.15618	40	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.5800	0.04000	9.4347	0.33400	0.15618	40	0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.5900	0.06000	9.4347	0.33400	0.15618	40	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.6000	0.38000	9.4347	0.33400	0.15618	40	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.6100	0.78000	9.4347	0.33400	0.15618	40	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	9.6450	0.07000	9.4347	0.33400	0.15618	40	0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.7000	0.12000	9.4347	0.33400	0.15618	40	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.7500	0.10000	9.4347	0.33400	0.15618	40	0.94	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.7650	0.07000	9.4347	0.33400	0.15618	40	0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	9.8500	0.10000	9.4347	0.33400	0.15618	40	1.24	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.8800	0.34000	9.4347	0.33400	0.15618	40	1.33	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.9000	0.40000	9.4347	0.33400	0.15618	40	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	10.000	0.18000	9.4347	0.33400	0.15618	40	1.69	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	10.640	0.08000	9.4347	0.33400	0.15618	40	3.61	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	8.0000	1.8000	9.4347	0.33400	0.15618	40	-4.30	8%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	90.755	0.09000	9.4347	0.33400	0.15618	40	243.48	431%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	9.6000	0.00000				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.8300	0.20000	9.3244	0.54731	0.10442	20	-2.73	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.4500	0.10000	9.3244	0.54731	0.10442	20	-1.60	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	8.7000	0.28000	9.3244	0.54731	0.10442	20	-1.14	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	8.8400	0.18000	9.3244	0.54731	0.10442	20	-0.89	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.8800	0.02000	9.3244	0.54731	0.10442	20	-0.81	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	8.9650	0.07000	9.3244	0.54731	0.10442	20	-0.66	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	9.0450	0.39000	9.3244	0.54731	0.10442	20	-0.51	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	9.0500	0.10000	9.3244	0.54731	0.10442	20	-0.50	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	9.3550	0.15000	9.3244	0.54731	0.10442	20	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	9.4450	0.09000	9.3244	0.54731	0.10442	20	0.22	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.4800	0.08000	9.3244	0.54731	0.10442	20	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	9.5400	0.04000	9.3244	0.54731	0.10442	20	0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.5500	0.10000	9.3244	0.54731	0.10442	20	0.41	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	9.5650	0.01000	9.3244	0.54731	0.10442	20	0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.6600	0.10000	9.3244	0.54731	0.10442	20	0.61	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.6915	0.08830	9.3244	0.54731	0.10442	20	0.67	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	9.7900	0.00000	9.3244	0.54731	0.10442	20	0.85	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	9.8400	0.04000	9.3244	0.54731	0.10442	20	0.94	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0505	9.9500	0.02000	9.3244	0.54731	0.10442	20	1.14	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	10.135	0.03000	9.3244	0.54731	0.10442	20	1.48	4%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.4600	0.58000	9.3244	0.54731	0.10442	20	-1.58	5%	1
002.00	Protein, Crude (%)	0940	20.580	0.00000				2			0
002.00	Protein, Crude (%)	0845	21.460	0.02000				2			0
002.01	Protein, Auto Kjehl-Foss (%)	0910	20.300	0.00000	20.519	0.18862	0.10036	11	-1.16	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	20.377	0.01600	20.519	0.18862	0.10036	11	-0.75	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	20.385	0.03000	20.519	0.18862	0.10036	11	-0.71	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	20.415	0.43000	20.519	0.18862	0.10036	11	-0.55	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	20.450	0.30000	20.519	0.18862	0.10036	11	-0.37	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0860	20.467	0.03800	20.519	0.18862	0.10036	11	-0.28	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	20.480	0.02000	20.519	0.18862	0.10036	11	-0.21	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	20.595	0.05000	20.519	0.18862	0.10036	11	0.40	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	20.675	0.05000	20.519	0.18862	0.10036	11	0.83	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0028	20.765	0.07000	20.519	0.18862	0.10036	11	1.30	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	20.950	0.10000	20.519	0.18862	0.10036	11	2.28	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	20.575	0.03000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	20.739	0.11110				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	2149	20.850	0.10000				3			0
002.04	Protein, Copper Catalyst (%)	0874	19.955	0.23000	20.740	0.38801	0.08667	6	-2.02	2%	0
002.04	Protein, Copper Catalyst (%)	0187	20.695	0.07000	20.740	0.38801	0.08667	6	-0.12	0%	0
002.04	Protein, Copper Catalyst (%)	0638	20.700	0.00000	20.740	0.38801	0.08667	6	-0.10	0%	0
002.04	Protein, Copper Catalyst (%)	0728	20.735	0.11000	20.740	0.38801	0.08667	6	-0.01	0%	0
002.04	Protein, Copper Catalyst (%)	0504	20.830	0.08000	20.740	0.38801	0.08667	6	0.23	0%	0
002.04	Protein, Copper Catalyst (%)	0405	24.635	0.03000	20.740	0.38801	0.08667	6	10.04	9%	0
002.05	Protein, Copper, Boric Acid (%)	0921	20.130	0.00000	20.667	0.28974	0.07880	26	-1.85	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	20.190	0.20070	20.667	0.28974	0.07880	26	-1.65	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	20.290	0.04000	20.667	0.28974	0.07880	26	-1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0619	20.400	0.20000	20.667	0.28974	0.07880	26	-0.92	1%	0
002.05	Protein, Copper, Boric Acid (%)	2109	20.415	0.09000	20.667	0.28974	0.07880	26	-0.87	1%	0
002.05	Protein, Copper, Boric Acid (%)	0722	20.455	0.04440	20.667	0.28974	0.07880	26	-0.73	1%	0
002.05	Protein, Copper, Boric Acid (%)	2012	20.460	0.28000	20.667	0.28974	0.07880	26	-0.71	1%	0
002.05	Protein, Copper, Boric Acid (%)	0354	20.475	0.01000	20.667	0.28974	0.07880	26	-0.66	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	20.523	0.06370	20.667	0.28974	0.07880	26	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	0675	20.565	0.13000	20.667	0.28974	0.07880	26	-0.35	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	20.605	0.01000	20.667	0.28974	0.07880	26	-0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	20.620	0.12000	20.667	0.28974	0.07880	26	-0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	20.700	0.02000	20.667	0.28974	0.07880	26	0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	20.710	0.00000	20.667	0.28974	0.07880	26	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	20.735	0.01000	20.667	0.28974	0.07880	26	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	20.740	0.04000	20.667	0.28974	0.07880	26	0.25	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0941	20.780	0.08000	20.667	0.28974	0.07880	26	0.39	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	20.795	0.03010	20.667	0.28974	0.07880	26	0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	20.800	0.10000	20.667	0.28974	0.07880	26	0.46	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	20.800	0.04000	20.667	0.28974	0.07880	26	0.46	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	20.840	0.18000	20.667	0.28974	0.07880	26	0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	20.880	0.04000	20.667	0.28974	0.07880	26	0.74	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	21.000	0.20000	20.667	0.28974	0.07880	26	1.15	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	21.085	0.03000	20.667	0.28974	0.07880	26	1.44	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	21.200	0.00000	20.667	0.28974	0.07880	26	1.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	2022	21.755	0.09000	20.667	0.28974	0.07880	26	3.76	3%	0
002.05	Protein, Copper, Boric Acid (%)	0852	21.000	0.40000	20.667	0.28974	0.07880	26	1.15	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	20.020	0.12000	20.880	0.25625	0.17735	121	-3.35	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	20.105	0.17000	20.880	0.25625	0.17735	121	-3.02	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	20.150	0.10000	20.880	0.25625	0.17735	121	-2.85	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	20.225	0.07000	20.880	0.25625	0.17735	121	-2.55	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	20.310	0.36000	20.880	0.25625	0.17735	121	-2.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	20.425	0.05000	20.880	0.25625	0.17735	121	-1.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	20.435	0.01000	20.880	0.25625	0.17735	121	-1.74	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	20.440	0.28000	20.880	0.25625	0.17735	121	-1.72	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	20.442	0.28500	20.880	0.25625	0.17735	121	-1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	20.535	0.07000	20.880	0.25625	0.17735	121	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	20.540	0.08000	20.880	0.25625	0.17735	121	-1.33	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	20.550	0.10000	20.880	0.25625	0.17735	121	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	20.550	0.10000	20.880	0.25625	0.17735	121	-1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	20.555	0.05000	20.880	0.25625	0.17735	121	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	20.560	0.04000	20.880	0.25625	0.17735	121	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	20.560	0.60000	20.880	0.25625	0.17735	121	-1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	20.566	0.06600	20.880	0.25625	0.17735	121	-1.22	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	20.620	0.06000	20.880	0.25625	0.17735	121	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	20.620	0.02000	20.880	0.25625	0.17735	121	-1.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	20.630	0.16000	20.880	0.25625	0.17735	121	-0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	20.650	0.12000	20.880	0.25625	0.17735	121	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	20.650	0.10000	20.880	0.25625	0.17735	121	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	20.655	0.03000	20.880	0.25625	0.17735	121	-0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	20.675	0.37000	20.880	0.25625	0.17735	121	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	20.675	0.29000	20.880	0.25625	0.17735	121	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	20.685	0.23000	20.880	0.25625	0.17735	121	-0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	20.700	0.06000	20.880	0.25625	0.17735	121	-0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	20.705	0.10800	20.880	0.25625	0.17735	121	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	20.709	0.49400	20.880	0.25625	0.17735	121	-0.67	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	20.720	0.00000	20.880	0.25625	0.17735	121	-0.62	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 (%)	0425	20.725	0.05000	20.880	0.25625	0.17735	121	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	20.740	0.04000	20.880	0.25625	0.17735	121	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	20.745	0.07000	20.880	0.25625	0.17735	121	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	20.750	0.08000	20.880	0.25625	0.17735	121	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	20.750	0.10000	20.880	0.25625	0.17735	121	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	20.752	0.24200	20.880	0.25625	0.17735	121	-0.50	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	20.755	0.17000	20.880	0.25625	0.17735	121	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	20.760	0.06000	20.880	0.25625	0.17735	121	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	20.760	0.12000	20.880	0.25625	0.17735	121	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	20.775	0.25000	20.880	0.25625	0.17735	121	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	20.795	0.01000	20.880	0.25625	0.17735	121	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	20.800	0.20000	20.880	0.25625	0.17735	121	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	20.800	0.00000	20.880	0.25625	0.17735	121	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	20.800	0.00000	20.880	0.25625	0.17735	121	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	20.813	0.12500	20.880	0.25625	0.17735	121	-0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	20.815	0.10800	20.880	0.25625	0.17735	121	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	20.820	0.28000	20.880	0.25625	0.17735	121	-0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	20.825	0.55000	20.880	0.25625	0.17735	121	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	20.830	0.02000	20.880	0.25625	0.17735	121	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	20.830	0.44000	20.880	0.25625	0.17735	121	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	20.835	0.07000	20.880	0.25625	0.17735	121	-0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	20.839	0.22430	20.880	0.25625	0.17735	121	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	20.845	0.03000	20.880	0.25625	0.17735	121	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	20.845	0.05000	20.880	0.25625	0.17735	121	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	20.850	0.18000	20.880	0.25625	0.17735	121	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	20.850	0.10000	20.880	0.25625	0.17735	121	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	20.850	0.10000	20.880	0.25625	0.17735	121	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	20.850	0.10000	20.880	0.25625	0.17735	121	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	20.856	0.07000	20.880	0.25625	0.17735	121	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	20.867	0.10550	20.880	0.25625	0.17735	121	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	20.880	0.28000	20.880	0.25625	0.17735	121	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	20.880	0.00000	20.880	0.25625	0.17735	121	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	20.883	0.43800	20.880	0.25625	0.17735	121	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	20.895	0.04100	20.880	0.25625	0.17735	121	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	20.895	0.01000	20.880	0.25625	0.17735	121	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	20.895	0.07000	20.880	0.25625	0.17735	121	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	20.900	0.40000	20.880	0.25625	0.17735	121	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	20.900	0.20000	20.880	0.25625	0.17735	121	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	20.900	0.40000	20.880	0.25625	0.17735	121	0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	20.905	0.05000	20.880	0.25625	0.17735	121	0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	20.905	0.05000	20.880	0.25625	0.17735	121	0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	20.915	0.05000	20.880	0.25625	0.17735	121	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	20.935	0.05000	20.880	0.25625	0.17735	121	0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	20.946	0.26800	20.880	0.25625	0.17735	121	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	20.950	0.10000	20.880	0.25625	0.17735	121	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	20.950	0.10000	20.880	0.25625	0.17735	121	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	20.950	0.30000	20.880	0.25625	0.17735	121	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	20.955	0.65000	20.880	0.25625	0.17735	121	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	20.960	0.14000	20.880	0.25625	0.17735	121	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	20.965	0.07000	20.880	0.25625	0.17735	121	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	20.965	0.27000	20.880	0.25625	0.17735	121	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	20.965	0.13000	20.880	0.25625	0.17735	121	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	20.970	0.02000	20.880	0.25625	0.17735	121	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	20.985	0.01000	20.880	0.25625	0.17735	121	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	20.985	0.85000	20.880	0.25625	0.17735	121	0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	20.990	0.16000	20.880	0.25625	0.17735	121	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	21.000	0.20000	20.880	0.25625	0.17735	121	0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	21.023	0.13700	20.880	0.25625	0.17735	121	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	21.025	0.11000	20.880	0.25625	0.17735	121	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	21.027	0.23900	20.880	0.25625	0.17735	121	0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	21.030	0.36000	20.880	0.25625	0.17735	121	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	21.030	0.24000	20.880	0.25625	0.17735	121	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	21.036	0.29100	20.880	0.25625	0.17735	121	0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	21.050	0.03000	20.880	0.25625	0.17735	121	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	21.065	0.07000	20.880	0.25625	0.17735	121	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	21.075	0.07000	20.880	0.25625	0.17735	121	0.76	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	21.085	0.27000	20.880	0.25625	0.17735	121	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	21.085	0.05000	20.880	0.25625	0.17735	121	0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	21.100	0.20000	20.880	0.25625	0.17735	121	0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	21.130	0.30000	20.880	0.25625	0.17735	121	0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	21.135	0.07000	20.880	0.25625	0.17735	121	1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	21.150	0.50000	20.880	0.25625	0.17735	121	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	21.150	0.10000	20.880	0.25625	0.17735	121	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	21.165	0.11000	20.880	0.25625	0.17735	121	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	21.165	0.17000	20.880	0.25625	0.17735	121	1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	21.190	0.34000	20.880	0.25625	0.17735	121	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	21.194	0.04000	20.880	0.25625	0.17735	121	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	21.195	0.06400	20.880	0.25625	0.17735	121	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	21.245	0.15000	20.880	0.25625	0.17735	121	1.43	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	21.270	0.24000	20.880	0.25625	0.17735	121	1.52	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	21.300	0.02000	20.880	0.25625	0.17735	121	1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	21.308	0.15940	20.880	0.25625	0.17735	121	1.67	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 (%)	0571	21.335	0.19000	20.880	0.25625	0.17735	121	1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	21.360	0.02000	20.880	0.25625	0.17735	121	1.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	21.385	0.39000	20.880	0.25625	0.17735	121	1.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	21.395	0.33000	20.880	0.25625	0.17735	121	2.01	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	21.416	0.02930	20.880	0.25625	0.17735	121	2.09	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	21.420	0.72000	20.880	0.25625	0.17735	121	2.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	21.650	0.68000	20.880	0.25625	0.17735	121	3.01	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	21.758	0.21800	20.880	0.25625	0.17735	121	3.43	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	22.249	0.70700	20.880	0.25625	0.17735	121	5.34	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	20.160	1.0600	20.880	0.25625	0.17735	121	-2.81	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	21.350	1.1000	20.880	0.25625	0.17735	121	1.84	1%	1
002.07	Protein, Block Digestion (%)	0581	31.310	0.02000				1			0
002.08	Protein, Cu/Ti (%)	0098	20.690	0.12000				2			0
002.08	Protein, Cu/Ti (%)	0563	21.082	0.45000				2			0
002.10	Protein, Block dig/distillation (%)	0629	20.300	0.00000				1			0
002.11	Protein, NIR (%)	0852	19.970	0.08000	21.481	0.93129	0.15286	7	-1.62	4%	0
002.11	Protein, NIR (%)	0720	21.140	0.04000	21.481	0.93129	0.15286	7	-0.37	1%	0
002.11	Protein, NIR (%)	0889	21.195	0.13000	21.481	0.93129	0.15286	7	-0.31	1%	0
002.11	Protein, NIR (%)	0297	21.205	0.07000	21.481	0.93129	0.15286	7	-0.30	1%	0
002.11	Protein, NIR (%)	0011	22.070	0.00000	21.481	0.93129	0.15286	7	0.63	1%	0
002.11	Protein, NIR (%)	2121	22.275	0.53000	21.481	0.93129	0.15286	7	0.85	2%	0
002.11	Protein, NIR (%)	2120	22.400	0.22000	21.481	0.93129	0.15286	7	0.99	2%	0
002.99	Protein, Miscellaneous (%)	2105	19.280	0.00000	20.821	1.1909	0.12500	6	-1.29	4%	0
002.99	Protein, Miscellaneous (%)	2145	20.530	0.02000	20.821	1.1909	0.12500	6	-0.24	1%	0
002.99	Protein, Miscellaneous (%)	2144	20.555	0.17000	20.821	1.1909	0.12500	6	-0.22	1%	0
002.99	Protein, Miscellaneous (%)	2004	20.700	0.00000	20.821	1.1909	0.12500	6	-0.10	0%	0
002.99	Protein, Miscellaneous (%)	2146	21.425	0.09000	20.821	1.1909	0.12500	6	0.51	1%	0
002.99	Protein, Miscellaneous (%)	0643	22.435	0.47000	20.821	1.1909	0.12500	6	1.36	4%	0
003.00	Fat, Eth Ext., Direct (%)	0885	2.4020	0.13590	2.9920	0.41165	0.13200	13	-1.43	10%	0
003.00	Fat, Eth Ext., Direct (%)	0175	2.6300	0.10000	2.9920	0.41165	0.13200	13	-0.88	6%	0
003.00	Fat, Eth Ext., Direct (%)	0939	2.6600	0.08000	2.9920	0.41165	0.13200	13	-0.81	6%	0
003.00	Fat, Eth Ext., Direct (%)	0026	2.8050	0.01000	2.9920	0.41165	0.13200	13	-0.45	3%	0
003.00	Fat, Eth Ext., Direct (%)	0653	2.8450	0.01000	2.9920	0.41165	0.13200	13	-0.36	2%	0
003.00	Fat, Eth Ext., Direct (%)	2109	2.8500	0.06000	2.9920	0.41165	0.13200	13	-0.34	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	2.8747	0.02010	2.9920	0.41165	0.13200	13	-0.29	2%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.0250	0.15000	2.9920	0.41165	0.13200	13	0.08	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.0350	0.01000	2.9920	0.41165	0.13200	13	0.10	1%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.2350	0.27000	2.9920	0.41165	0.13200	13	0.59	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	3.3750	0.05000	2.9920	0.41165	0.13200	13	0.93	6%	0
003.00	Fat, Eth Ext., Direct (%)	0017	3.5500	0.30000	2.9920	0.41165	0.13200	13	1.36	9%	0
003.00	Fat, Eth Ext., Direct (%)	0615	4.5200	0.52000	2.9920	0.41165	0.13200	13	3.71	26%	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	
003.06	Fat, Pet Ether (%)	0083	2.6500	0.08000	2.9169	0.12876	0.09254	17	-2.07	5%	0
003.06	Fat, Pet Ether (%)	0689	2.7500	0.10000	2.9169	0.12876	0.09254	17	-1.30	3%	0
003.06	Fat, Pet Ether (%)	0849	2.8265	0.03300	2.9169	0.12876	0.09254	17	-0.70	2%	0
003.06	Fat, Pet Ether (%)	0644	2.8300	0.01400	2.9169	0.12876	0.09254	17	-0.68	1%	0
003.06	Fat, Pet Ether (%)	0297	2.8350	0.01000	2.9169	0.12876	0.09254	17	-0.64	1%	0
003.06	Fat, Pet Ether (%)	0511	2.8400	0.06000	2.9169	0.12876	0.09254	17	-0.60	1%	0
003.06	Fat, Pet Ether (%)	0563	2.8723	0.32620	2.9169	0.12876	0.09254	17	-0.35	1%	0
003.06	Fat, Pet Ether (%)	0294	2.9050	0.01000	2.9169	0.12876	0.09254	17	-0.09	0%	0
003.06	Fat, Pet Ether (%)	0148	2.9150	0.01000	2.9169	0.12876	0.09254	17	-0.01	0%	0
003.06	Fat, Pet Ether (%)	0910	2.9250	0.09000	2.9169	0.12876	0.09254	17	0.06	0%	0
003.06	Fat, Pet Ether (%)	0682	2.9400	0.00000	2.9169	0.12876	0.09254	17	0.18	0%	0
003.06	Fat, Pet Ether (%)	0425	2.9550	0.03000	2.9169	0.12876	0.09254	17	0.30	1%	0
003.06	Fat, Pet Ether (%)	0687	2.9750	0.25000	2.9169	0.12876	0.09254	17	0.45	1%	0
003.06	Fat, Pet Ether (%)	0918	3.0100	0.20000	2.9169	0.12876	0.09254	17	0.72	2%	0
003.06	Fat, Pet Ether (%)	0164	3.0650	0.03000	2.9169	0.12876	0.09254	17	1.15	3%	0
003.06	Fat, Pet Ether (%)	0552	3.2400	0.32000	2.9169	0.12876	0.09254	17	2.51	6%	0
003.06	Fat, Pet Ether (%)	0229	3.2950	0.01000	2.9169	0.12876	0.09254	17	2.94	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.5500	0.02000	2.9717	0.16554	0.06464	18	-2.55	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	2.7798	0.03360	2.9717	0.16554	0.06464	18	-1.16	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	2.8250	0.03000	2.9717	0.16554	0.06464	18	-0.89	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	2.8750	0.01000	2.9717	0.16554	0.06464	18	-0.58	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	2.8800	0.14000	2.9717	0.16554	0.06464	18	-0.55	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	2.8960	0.01000	2.9717	0.16554	0.06464	18	-0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	2.9000	0.02000	2.9717	0.16554	0.06464	18	-0.43	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	2.9150	0.03000	2.9717	0.16554	0.06464	18	-0.34	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	2.9500	0.00000	2.9717	0.16554	0.06464	18	-0.13	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	2.9550	0.01000	2.9717	0.16554	0.06464	18	-0.10	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	2.9594	0.04060	2.9717	0.16554	0.06464	18	-0.07	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.0050	0.15000	2.9717	0.16554	0.06464	18	0.20	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.0250	0.23000	2.9717	0.16554	0.06464	18	0.32	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.0500	0.10000	2.9717	0.16554	0.06464	18	0.47	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	3.0920	0.12930	2.9717	0.16554	0.06464	18	0.73	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.2750	0.05000	2.9717	0.16554	0.06464	18	1.83	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.3100	0.12000	2.9717	0.16554	0.06464	18	2.04	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.3100	0.04000	2.9717	0.16554	0.06464	18	2.04	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.2850	0.41000	2.7512	0.12723	0.11057	27	-3.66	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	2.3230	0.46000	2.7512	0.12723	0.11057	27	-3.37	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	2.5700	0.10000	2.7512	0.12723	0.11057	27	-1.42	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	2.6100	0.02000	2.7512	0.12723	0.11057	27	-1.11	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.6400	0.02000	2.7512	0.12723	0.11057	27	-0.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0042	2.6500	0.14000	2.7512	0.12723	0.11057	27	-0.80	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.6600	0.06000	2.7512	0.12723	0.11057	27	-0.72	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	2.6700	0.12000	2.7512	0.12723	0.11057	27	-0.64	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.6850	0.11000	2.7512	0.12723	0.11057	27	-0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	2.7120	0.02000	2.7512	0.12723	0.11057	27	-0.31	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	2.7350	0.03000	2.7512	0.12723	0.11057	27	-0.13	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	2.7483	0.02160	2.7512	0.12723	0.11057	27	-0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.7491	0.08330	2.7512	0.12723	0.11057	27	-0.02	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	2.7598	0.06470	2.7512	0.12723	0.11057	27	0.07	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	2.7650	0.01000	2.7512	0.12723	0.11057	27	0.11	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.7757	0.05580	2.7512	0.12723	0.11057	27	0.19	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	2.7800	0.02000	2.7512	0.12723	0.11057	27	0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	2.7800	0.06000	2.7512	0.12723	0.11057	27	0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	2.8100	0.50000	2.7512	0.12723	0.11057	27	0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	2.8100	0.04000	2.7512	0.12723	0.11057	27	0.46	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	2.8500	0.10000	2.7512	0.12723	0.11057	27	0.78	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	2.8600	0.10000	2.7512	0.12723	0.11057	27	0.86	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.8650	0.21000	2.7512	0.12723	0.11057	27	0.89	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	2.9000	0.00000	2.7512	0.12723	0.11057	27	1.17	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	2.9100	0.18000	2.7512	0.12723	0.11057	27	1.25	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	2.9250	0.03000	2.7512	0.12723	0.11057	27	1.37	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.6100	0.02000	2.7512	0.12723	0.11057	27	6.75	16%	0
003.11	Fat, NIR (%)	2120	2.1150	0.03000	2.9314	0.61949	0.02857	7	-1.32	14%	0
003.11	Fat, NIR (%)	2121	2.4700	0.02000	2.9314	0.61949	0.02857	7	-0.74	8%	0
003.11	Fat, NIR (%)	0720	2.7250	0.07000	2.9314	0.61949	0.02857	7	-0.33	4%	0
003.11	Fat, NIR (%)	0889	2.8650	0.07000	2.9314	0.61949	0.02857	7	-0.11	1%	0
003.11	Fat, NIR (%)	0297	3.3200	0.00000	2.9314	0.61949	0.02857	7	0.63	7%	0
003.11	Fat, NIR (%)	0852	3.3750	0.01000	2.9314	0.61949	0.02857	7	0.72	8%	0
003.11	Fat, NIR (%)	0011	3.6500	0.00000	2.9314	0.61949	0.02857	7	1.16	12%	0
003.12	Fat, Hexane Ext (%)	0893	2.4000	0.00000	2.6960	0.16615	0.02800	5			0
003.12	Fat, Hexane Ext (%)	0903	2.7550	0.01000	2.6960	0.16615	0.02800	5			0
003.12	Fat, Hexane Ext (%)	0895	2.7650	0.03000	2.6960	0.16615	0.02800	5			0
003.12	Fat, Hexane Ext (%)	0011	2.7650	0.09000	2.6960	0.16615	0.02800	5			0
003.12	Fat, Hexane Ext (%)	0171	2.7950	0.01000	2.6960	0.16615	0.02800	5			0
003.12	Fat, Hexane Ext (%)	0940	2.6800	0.70000	2.6960	0.16615	0.02800	5			1
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.7450	0.11000	2.9285	0.20287	0.11750	8	-0.90	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.7600	0.16000	2.9285	0.20287	0.11750	8	-0.83	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	2.7800	0.04000	2.9285	0.20287	0.11750	8	-0.73	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	2.8900	0.16000	2.9285	0.20287	0.11750	8	-0.19	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.9050	0.01000	2.9285	0.20287	0.11750	8	-0.12	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	2.9800	0.14000	2.9285	0.20287	0.11750	8	0.25	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.1350	0.03000	2.9285	0.20287	0.11750	8	1.02	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	3.2750	0.29000	2.9285	0.20287	0.11750	8	1.71	6%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	3.3550	1.0900	2.9285	0.20287	0.11750	8	2.10	7%	1
003.14	Fat, Ankom (%)	0049	2.2700	0.18000	2.7317	0.26720	0.12542	42	-1.73	8%	0
003.14	Fat, Ankom (%)	0357	2.3000	0.00000	2.7317	0.26720	0.12542	42	-1.62	8%	0
003.14	Fat, Ankom (%)	0843	2.3350	0.69000	2.7317	0.26720	0.12542	42	-1.48	7%	0
003.14	Fat, Ankom (%)	0278	2.3500	0.30000	2.7317	0.26720	0.12542	42	-1.43	7%	0
003.14	Fat, Ankom (%)	0108	2.4750	0.31000	2.7317	0.26720	0.12542	42	-0.96	5%	0
003.14	Fat, Ankom (%)	0037	2.5050	0.03000	2.7317	0.26720	0.12542	42	-0.85	4%	0
003.14	Fat, Ankom (%)	0581	2.5100	0.16000	2.7317	0.26720	0.12542	42	-0.83	4%	0
003.14	Fat, Ankom (%)	2129	2.5350	0.11000	2.7317	0.26720	0.12542	42	-0.74	4%	0
003.14	Fat, Ankom (%)	0186	2.5450	0.03000	2.7317	0.26720	0.12542	42	-0.70	3%	0
003.14	Fat, Ankom (%)	0019	2.5500	0.06000	2.7317	0.26720	0.12542	42	-0.68	3%	0
003.14	Fat, Ankom (%)	0529	2.5550	0.11000	2.7317	0.26720	0.12542	42	-0.66	3%	0
003.14	Fat, Ankom (%)	0876	2.5550	0.03000	2.7317	0.26720	0.12542	42	-0.66	3%	0
003.14	Fat, Ankom (%)	0948	2.5550	0.09000	2.7317	0.26720	0.12542	42	-0.66	3%	0
003.14	Fat, Ankom (%)	0144	2.5850	0.09000	2.7317	0.26720	0.12542	42	-0.55	3%	0
003.14	Fat, Ankom (%)	0175	2.5900	0.06000	2.7317	0.26720	0.12542	42	-0.53	3%	0
003.14	Fat, Ankom (%)	0202	2.6365	0.04700	2.7317	0.26720	0.12542	42	-0.36	2%	0
003.14	Fat, Ankom (%)	0034	2.6450	0.19000	2.7317	0.26720	0.12542	42	-0.32	2%	0
003.14	Fat, Ankom (%)	0520	2.6950	0.23000	2.7317	0.26720	0.12542	42	-0.14	1%	0
003.14	Fat, Ankom (%)	0619	2.6950	0.11000	2.7317	0.26720	0.12542	42	-0.14	1%	0
003.14	Fat, Ankom (%)	0956	2.7000	0.00000	2.7317	0.26720	0.12542	42	-0.12	1%	0
003.14	Fat, Ankom (%)	0358	2.7100	0.08000	2.7317	0.26720	0.12542	42	-0.08	0%	0
003.14	Fat, Ankom (%)	0683	2.7100	0.04000	2.7317	0.26720	0.12542	42	-0.08	0%	0
003.14	Fat, Ankom (%)	0598	2.7150	0.17000	2.7317	0.26720	0.12542	42	-0.06	0%	0
003.14	Fat, Ankom (%)	0074	2.7350	0.03000	2.7317	0.26720	0.12542	42	0.01	0%	0
003.14	Fat, Ankom (%)	0955	2.7700	0.12000	2.7317	0.26720	0.12542	42	0.14	1%	0
003.14	Fat, Ankom (%)	0089	2.7850	0.01000	2.7317	0.26720	0.12542	42	0.20	1%	0
003.14	Fat, Ankom (%)	0574	2.8050	0.17000	2.7317	0.26720	0.12542	42	0.27	1%	0
003.14	Fat, Ankom (%)	0912	2.8150	0.15000	2.7317	0.26720	0.12542	42	0.31	2%	0
003.14	Fat, Ankom (%)	0407	2.8302	0.09370	2.7317	0.26720	0.12542	42	0.37	2%	0
003.14	Fat, Ankom (%)	0009	2.8500	0.10000	2.7317	0.26720	0.12542	42	0.44	2%	0
003.14	Fat, Ankom (%)	0066	2.8700	0.02000	2.7317	0.26720	0.12542	42	0.52	3%	0
003.14	Fat, Ankom (%)	0968	2.8715	0.07500	2.7317	0.26720	0.12542	42	0.52	3%	0
003.14	Fat, Ankom (%)	0001	2.9100	0.03200	2.7317	0.26720	0.12542	42	0.67	3%	0
003.14	Fat, Ankom (%)	2075	2.9450	0.03000	2.7317	0.26720	0.12542	42	0.80	4%	0
003.14	Fat, Ankom (%)	0004	2.9700	0.26000	2.7317	0.26720	0.12542	42	0.89	4%	0
003.14	Fat, Ankom (%)	0015	3.0100	0.06000	2.7317	0.26720	0.12542	42	1.04	5%	0
003.14	Fat, Ankom (%)	0726	3.0900	0.02000	2.7317	0.26720	0.12542	42	1.34	7%	0
003.14	Fat, Ankom (%)	0190	3.2100	0.22000	2.7317	0.26720	0.12542	42	1.79	9%	0
003.14	Fat, Ankom (%)	0229	3.2450	0.09000	2.7317	0.26720	0.12542	42	1.92	9%	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 (%)	0265	3.3250	0.33000	2.7317	0.26720	0.12542	42	2.22	11%	0
003.14	Fat, Ankom (%)	0413	3.7000	0.20000	2.7317	0.26720	0.12542	42	3.62	18%	0
003.14	Fat, Ankom (%)	0848	3.8000	0.14000	2.7317	0.26720	0.12542	42	4.00	20%	0
003.14	Fat, Ankom (%)	0003	1.8200	2.0200	2.7317	0.26720	0.12542	42	-3.41	17%	1
003.99	Fat, Miscellaneous (%)	0047	2.7350	0.01000	3.1444	0.23621	0.09750	8	-1.73	7%	0
003.99	Fat, Miscellaneous (%)	0504	2.9100	0.02000	3.1444	0.23621	0.09750	8	-0.99	4%	0
003.99	Fat, Miscellaneous (%)	2145	3.1250	0.07000	3.1444	0.23621	0.09750	8	-0.08	0%	0
003.99	Fat, Miscellaneous (%)	2144	3.1450	0.01000	3.1444	0.23621	0.09750	8	0.00	0%	0
003.99	Fat, Miscellaneous (%)	0536	3.2050	0.03000	3.1444	0.23621	0.09750	8	0.26	1%	0
003.99	Fat, Miscellaneous (%)	2146	3.2200	0.24000	3.1444	0.23621	0.09750	8	0.32	1%	0
003.99	Fat, Miscellaneous (%)	2105	3.3450	0.21000	3.1444	0.23621	0.09750	8	0.85	3%	0
003.99	Fat, Miscellaneous (%)	0941	3.4150	0.19000	3.1444	0.23621	0.09750	8	1.15	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.3800	0.08000	4.9728	0.25078	0.06589	16	-2.36	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.6390	0.03200	4.9728	0.25078	0.06589	16	-1.33	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.6600	0.22000	4.9728	0.25078	0.06589	16	-1.25	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.7000	0.00000	4.9728	0.25078	0.06589	16	-1.09	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	4.8700	0.10000	4.9728	0.25078	0.06589	16	-0.41	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	4.8850	0.01000	4.9728	0.25078	0.06589	16	-0.35	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	4.9800	0.02000	4.9728	0.25078	0.06589	16	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.0000	0.00000	4.9728	0.25078	0.06589	16	0.11	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.0400	0.06000	4.9728	0.25078	0.06589	16	0.27	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	5.1000	0.00000	4.9728	0.25078	0.06589	16	0.51	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.1400	0.04000	4.9728	0.25078	0.06589	16	0.67	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	5.1600	0.04000	4.9728	0.25078	0.06589	16	0.75	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.1650	0.09000	4.9728	0.25078	0.06589	16	0.77	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	5.2000	0.20000	4.9728	0.25078	0.06589	16	0.91	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	5.2050	0.09000	4.9728	0.25078	0.06589	16	0.93	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	5.2241	0.07220	4.9728	0.25078	0.06589	16	1.00	3%	0
004.01	Fiber, Sing Filt (%)	0366	5.8500	0.90000				1			0
004.03	Fiber, Fritted Glass (%)	2089	3.2650	0.57000				3			0
004.03	Fiber, Fritted Glass (%)	0353	5.0100	0.42000				3			0
004.03	Fiber, Fritted Glass (%)	0693	5.5745	0.26840				3			0
004.06	Fiber, Fibertec (%)	0875	4.6750	0.49000	5.0858	0.29953	0.13638	25	-1.37	4%	0
004.06	Fiber, Fibertec (%)	0897	4.7100	0.02000	5.0858	0.29953	0.13638	25	-1.25	4%	0
004.06	Fiber, Fibertec (%)	0885	4.7295	0.16440	5.0858	0.29953	0.13638	25	-1.19	4%	0
004.06	Fiber, Fibertec (%)	2006	4.7550	0.07000	5.0858	0.29953	0.13638	25	-1.10	3%	0
004.06	Fiber, Fibertec (%)	0098	4.7700	0.04000	5.0858	0.29953	0.13638	25	-1.05	3%	0
004.06	Fiber, Fibertec (%)	2022	4.9500	0.08000	5.0858	0.29953	0.13638	25	-0.45	1%	0
004.06	Fiber, Fibertec (%)	0205	4.9550	0.15000	5.0858	0.29953	0.13638	25	-0.44	1%	0
004.06	Fiber, Fibertec (%)	0590	4.9650	0.05000	5.0858	0.29953	0.13638	25	-0.40	1%	0
004.06	Fiber, Fibertec (%)	0845	4.9700	0.58000	5.0858	0.29953	0.13638	25	-0.39	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0968	4.9935	0.06300	5.0858	0.29953	0.13638	25	-0.31	1%	0
004.06	Fiber, Fibertec (%)	0689	5.0000	0.00000	5.0858	0.29953	0.13638	25	-0.29	1%	0
004.06	Fiber, Fibertec (%)	0948	5.0250	0.01000	5.0858	0.29953	0.13638	25	-0.20	1%	0
004.06	Fiber, Fibertec (%)	0893	5.0300	0.00000	5.0858	0.29953	0.13638	25	-0.19	1%	0
004.06	Fiber, Fibertec (%)	2149	5.0550	0.03000	5.0858	0.29953	0.13638	25	-0.10	0%	0
004.06	Fiber, Fibertec (%)	0720	5.0600	0.14000	5.0858	0.29953	0.13638	25	-0.09	0%	0
004.06	Fiber, Fibertec (%)	0941	5.1000	0.30000	5.0858	0.29953	0.13638	25	0.05	0%	0
004.06	Fiber, Fibertec (%)	0638	5.1500	0.10000	5.0858	0.29953	0.13638	25	0.21	1%	0
004.06	Fiber, Fibertec (%)	0903	5.1950	0.01000	5.0858	0.29953	0.13638	25	0.36	1%	0
004.06	Fiber, Fibertec (%)	0027	5.3010	0.02000	5.0858	0.29953	0.13638	25	0.72	2%	0
004.06	Fiber, Fibertec (%)	0895	5.3050	0.01000	5.0858	0.29953	0.13638	25	0.73	2%	0
004.06	Fiber, Fibertec (%)	0860	5.4010	0.28200	5.0858	0.29953	0.13638	25	1.05	3%	0
004.06	Fiber, Fibertec (%)	0609	5.4900	0.10000	5.0858	0.29953	0.13638	25	1.35	4%	0
004.06	Fiber, Fibertec (%)	0918	5.4900	0.36000	5.0858	0.29953	0.13638	25	1.35	4%	0
004.06	Fiber, Fibertec (%)	0676	5.8450	0.27000	5.0858	0.29953	0.13638	25	2.53	7%	0
004.06	Fiber, Fibertec (%)	0675	5.9050	0.07000	5.0858	0.29953	0.13638	25	2.73	8%	0
004.06	Fiber, Fibertec (%)	0964	4.8775	2.6250	5.0858	0.29953	0.13638	25	-0.70	2%	1
004.07	Fiber, ANKOM (%)	0682	2.8300	0.00000	4.7470	0.44572	0.17196	64	-4.30	20%	0
004.07	Fiber, ANKOM (%)	0265	3.7450	0.01000	4.7470	0.44572	0.17196	64	-2.25	11%	0
004.07	Fiber, ANKOM (%)	0505	4.0550	0.19000	4.7470	0.44572	0.17196	64	-1.55	7%	0
004.07	Fiber, ANKOM (%)	0202	4.0565	0.34500	4.7470	0.44572	0.17196	64	-1.55	7%	0
004.07	Fiber, ANKOM (%)	0510	4.1000	0.00000	4.7470	0.44572	0.17196	64	-1.45	7%	0
004.07	Fiber, ANKOM (%)	0123	4.1550	0.05000	4.7470	0.44572	0.17196	64	-1.33	6%	0
004.07	Fiber, ANKOM (%)	0619	4.2050	0.23000	4.7470	0.44572	0.17196	64	-1.22	6%	0
004.07	Fiber, ANKOM (%)	2012	4.2400	0.02000	4.7470	0.44572	0.17196	64	-1.14	5%	0
004.07	Fiber, ANKOM (%)	0294	4.2500	0.10000	4.7470	0.44572	0.17196	64	-1.12	5%	0
004.07	Fiber, ANKOM (%)	0726	4.2700	0.06000	4.7470	0.44572	0.17196	64	-1.07	5%	0
004.07	Fiber, ANKOM (%)	0536	4.3200	0.82000	4.7470	0.44572	0.17196	64	-0.96	4%	0
004.07	Fiber, ANKOM (%)	0278	4.3500	0.10000	4.7470	0.44572	0.17196	64	-0.89	4%	0
004.07	Fiber, ANKOM (%)	0708	4.3700	0.02000	4.7470	0.44572	0.17196	64	-0.85	4%	0
004.07	Fiber, ANKOM (%)	0042	4.3900	0.40000	4.7470	0.44572	0.17196	64	-0.80	4%	0
004.07	Fiber, ANKOM (%)	0297	4.3950	0.05000	4.7470	0.44572	0.17196	64	-0.79	4%	0
004.07	Fiber, ANKOM (%)	0653	4.4000	0.04000	4.7470	0.44572	0.17196	64	-0.78	4%	0
004.07	Fiber, ANKOM (%)	0683	4.4250	0.21000	4.7470	0.44572	0.17196	64	-0.72	3%	0
004.07	Fiber, ANKOM (%)	0939	4.4500	0.06000	4.7470	0.44572	0.17196	64	-0.67	3%	0
004.07	Fiber, ANKOM (%)	2009	4.4599	0.00750	4.7470	0.44572	0.17196	64	-0.64	3%	0
004.07	Fiber, ANKOM (%)	0035	4.4700	0.26000	4.7470	0.44572	0.17196	64	-0.62	3%	0
004.07	Fiber, ANKOM (%)	0144	4.5150	0.23000	4.7470	0.44572	0.17196	64	-0.52	2%	0
004.07	Fiber, ANKOM (%)	0644	4.5245	0.07300	4.7470	0.44572	0.17196	64	-0.50	2%	0
004.07	Fiber, ANKOM (%)	0190	4.6000	0.20000	4.7470	0.44572	0.17196	64	-0.33	2%	0
004.07	Fiber, ANKOM (%)	0956	4.6500	0.30000	4.7470	0.44572	0.17196	64	-0.22	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	
004.07	Fiber, ANKOM (%)	0849	4.6550	0.01000	4.7470	0.44572	0.17196	64	-0.21	1%	0
004.07	Fiber, ANKOM (%)	2109	4.6800	0.22000	4.7470	0.44572	0.17196	64	-0.15	1%	0
004.07	Fiber, ANKOM (%)	0033	4.6850	0.07000	4.7470	0.44572	0.17196	64	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0026	4.7000	0.20000	4.7470	0.44572	0.17196	64	-0.11	0%	0
004.07	Fiber, ANKOM (%)	0520	4.7000	0.00000	4.7470	0.44572	0.17196	64	-0.11	0%	0
004.07	Fiber, ANKOM (%)	0876	4.7300	0.20000	4.7470	0.44572	0.17196	64	-0.04	0%	0
004.07	Fiber, ANKOM (%)	2053	4.7400	0.04000	4.7470	0.44572	0.17196	64	-0.02	0%	0
004.07	Fiber, ANKOM (%)	0581	4.7500	0.10000	4.7470	0.44572	0.17196	64	0.01	0%	0
004.07	Fiber, ANKOM (%)	0848	4.7600	0.06000	4.7470	0.44572	0.17196	64	0.03	0%	0
004.07	Fiber, ANKOM (%)	0263	4.7633	0.04660	4.7470	0.44572	0.17196	64	0.04	0%	0
004.07	Fiber, ANKOM (%)	0009	4.7950	0.11000	4.7470	0.44572	0.17196	64	0.11	1%	0
004.07	Fiber, ANKOM (%)	0968	4.8060	0.07200	4.7470	0.44572	0.17196	64	0.13	1%	0
004.07	Fiber, ANKOM (%)	0098	4.8350	0.69000	4.7470	0.44572	0.17196	64	0.20	1%	0
004.07	Fiber, ANKOM (%)	0354	4.8850	0.03000	4.7470	0.44572	0.17196	64	0.31	1%	0
004.07	Fiber, ANKOM (%)	0529	4.8850	0.03000	4.7470	0.44572	0.17196	64	0.31	1%	0
004.07	Fiber, ANKOM (%)	0413	4.9000	0.00000	4.7470	0.44572	0.17196	64	0.34	2%	0
004.07	Fiber, ANKOM (%)	0242	4.9400	0.50000	4.7470	0.44572	0.17196	64	0.43	2%	0
004.07	Fiber, ANKOM (%)	0870	4.9426	0.14730	4.7470	0.44572	0.17196	64	0.44	2%	0
004.07	Fiber, ANKOM (%)	0861	4.9650	0.57000	4.7470	0.44572	0.17196	64	0.49	2%	0
004.07	Fiber, ANKOM (%)	0598	4.9700	0.14000	4.7470	0.44572	0.17196	64	0.50	2%	0
004.07	Fiber, ANKOM (%)	0100	4.9800	0.06000	4.7470	0.44572	0.17196	64	0.52	2%	0
004.07	Fiber, ANKOM (%)	0229	4.9850	0.05000	4.7470	0.44572	0.17196	64	0.53	3%	0
004.07	Fiber, ANKOM (%)	0039	4.9867	0.86550	4.7470	0.44572	0.17196	64	0.54	3%	0
004.07	Fiber, ANKOM (%)	0066	4.9950	0.09000	4.7470	0.44572	0.17196	64	0.56	3%	0
004.07	Fiber, ANKOM (%)	0089	4.9950	0.01000	4.7470	0.44572	0.17196	64	0.56	3%	0
004.07	Fiber, ANKOM (%)	0563	4.9952	0.06040	4.7470	0.44572	0.17196	64	0.56	3%	0
004.07	Fiber, ANKOM (%)	0948	5.0950	0.21000	4.7470	0.44572	0.17196	64	0.78	4%	0
004.07	Fiber, ANKOM (%)	0003	5.1100	0.12000	4.7470	0.44572	0.17196	64	0.81	4%	0
004.07	Fiber, ANKOM (%)	0034	5.1200	0.10000	4.7470	0.44572	0.17196	64	0.84	4%	0
004.07	Fiber, ANKOM (%)	0910	5.1500	0.50000	4.7470	0.44572	0.17196	64	0.90	4%	0
004.07	Fiber, ANKOM (%)	0407	5.1899	0.25810	4.7470	0.44572	0.17196	64	0.99	5%	0
004.07	Fiber, ANKOM (%)	0045	5.2800	0.14000	4.7470	0.44572	0.17196	64	1.20	6%	0
004.07	Fiber, ANKOM (%)	0074	5.3150	0.33000	4.7470	0.44572	0.17196	64	1.27	6%	0
004.07	Fiber, ANKOM (%)	0004	5.3300	0.08000	4.7470	0.44572	0.17196	64	1.31	6%	0
004.07	Fiber, ANKOM (%)	0643	5.3350	0.05000	4.7470	0.44572	0.17196	64	1.32	6%	0
004.07	Fiber, ANKOM (%)	0626	5.3450	0.05000	4.7470	0.44572	0.17196	64	1.34	6%	0
004.07	Fiber, ANKOM (%)	0955	5.4500	0.42000	4.7470	0.44572	0.17196	64	1.58	7%	0
004.07	Fiber, ANKOM (%)	0015	5.4550	0.09000	4.7470	0.44572	0.17196	64	1.59	7%	0
004.07	Fiber, ANKOM (%)	0019	5.6000	0.34000	4.7470	0.44572	0.17196	64	1.91	9%	0
004.07	Fiber, ANKOM (%)	0083	6.9450	0.17000	4.7470	0.44572	0.17196	64	4.93	23%	0
004.07	Fiber, ANKOM (%)	0552	4.9850	1.1100	4.7470	0.44572	0.17196	64	0.53	3%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0028	5.0500	1.3000	4.7470	0.44572	0.17196	64	0.68	3%	1
004.11	Fiber, NIR (%)	2121	4.3750	0.09000	4.7233	0.36774	0.06167	6	-0.95	4%	0
004.11	Fiber, NIR (%)	0889	4.4300	0.02000	4.7233	0.36774	0.06167	6	-0.80	3%	0
004.11	Fiber, NIR (%)	0852	4.7000	0.12000	4.7233	0.36774	0.06167	6	-0.06	0%	0
004.11	Fiber, NIR (%)	2120	4.7200	0.04000	4.7233	0.36774	0.06167	6	-0.01	0%	0
004.11	Fiber, NIR (%)	0011	4.8400	0.00000	4.7233	0.36774	0.06167	6	0.32	1%	0
004.11	Fiber, NIR (%)	0720	7.9500	0.10000	4.7233	0.36774	0.06167	6	8.77	34%	0
004.99	Fiber, Miscellaneous (%)	2146	4.3400	0.20000	4.6430	0.23721	0.09400	5			0
004.99	Fiber, Miscellaneous (%)	2145	4.5050	0.05000	4.6430	0.23721	0.09400	5			0
004.99	Fiber, Miscellaneous (%)	0629	4.6500	0.10000	4.6430	0.23721	0.09400	5			0
004.99	Fiber, Miscellaneous (%)	2144	4.7600	0.08000	4.6430	0.23721	0.09400	5			0
004.99	Fiber, Miscellaneous (%)	2105	4.9600	0.04000	4.6430	0.23721	0.09400	5			0
004.99	Fiber, Miscellaneous (%)	0940	4.7250	1.2300	4.6430	0.23721	0.09400	5			1
005.00	Ash, 2h @ 600°C (%)	0278	6.1700	0.04000	7.0948	0.27472	0.10101	85	-3.37	7%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.6100	0.26000	7.0948	0.27472	0.10101	85	-1.76	3%	0
005.00	Ash, 2h @ 600°C (%)	0520	6.6200	0.16000	7.0948	0.27472	0.10101	85	-1.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.6700	0.26000	7.0948	0.27472	0.10101	85	-1.55	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.6700	0.20000	7.0948	0.27472	0.10101	85	-1.55	3%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.6700	0.12000	7.0948	0.27472	0.10101	85	-1.55	3%	0
005.00	Ash, 2h @ 600°C (%)	0027	6.6925	0.02300	7.0948	0.27472	0.10101	85	-1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.7150	0.15000	7.0948	0.27472	0.10101	85	-1.38	3%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.7180	0.02800	7.0948	0.27472	0.10101	85	-1.37	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.7346	0.06780	7.0948	0.27472	0.10101	85	-1.31	3%	0
005.00	Ash, 2h @ 600°C (%)	0511	6.7450	0.05000	7.0948	0.27472	0.10101	85	-1.27	2%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.7500	0.50000	7.0948	0.27472	0.10101	85	-1.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	6.8150	0.09000	7.0948	0.27472	0.10101	85	-1.02	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.8200	0.00000	7.0948	0.27472	0.10101	85	-1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.8500	0.04000	7.0948	0.27472	0.10101	85	-0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	6.8500	0.10000	7.0948	0.27472	0.10101	85	-0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0186	6.8589	0.08030	7.0948	0.27472	0.10101	85	-0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.8600	0.00000	7.0948	0.27472	0.10101	85	-0.85	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.8650	0.03000	7.0948	0.27472	0.10101	85	-0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.8700	0.04000	7.0948	0.27472	0.10101	85	-0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0596	6.8750	0.01000	7.0948	0.27472	0.10101	85	-0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.8800	0.54000	7.0948	0.27472	0.10101	85	-0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.9000	0.00000	7.0948	0.27472	0.10101	85	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.9000	0.12000	7.0948	0.27472	0.10101	85	-0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.9500	0.12000	7.0948	0.27472	0.10101	85	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	6.9650	0.45000	7.0948	0.27472	0.10101	85	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.9700	0.10000	7.0948	0.27472	0.10101	85	-0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.9960	0.03000	7.0948	0.27472	0.10101	85	-0.36	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0083	7.0100	0.12000	7.0948	0.27472	0.10101	85	-0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	7.0150	0.03000	7.0948	0.27472	0.10101	85	-0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.0200	0.02000	7.0948	0.27472	0.10101	85	-0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.0332	0.05710	7.0948	0.27472	0.10101	85	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	7.0350	0.17000	7.0948	0.27472	0.10101	85	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	7.0350	0.11000	7.0948	0.27472	0.10101	85	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.0450	0.03000	7.0948	0.27472	0.10101	85	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.0536	0.10850	7.0948	0.27472	0.10101	85	-0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	7.0600	0.10000	7.0948	0.27472	0.10101	85	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	7.0650	0.01000	7.0948	0.27472	0.10101	85	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	7.0877	0.08220	7.0948	0.27472	0.10101	85	-0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	7.1000	0.02000	7.0948	0.27472	0.10101	85	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.1050	0.03000	7.0948	0.27472	0.10101	85	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.1073	0.07120	7.0948	0.27472	0.10101	85	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	7.1100	0.20000	7.0948	0.27472	0.10101	85	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	7.1350	0.01000	7.0948	0.27472	0.10101	85	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0309	7.1350	0.19000	7.0948	0.27472	0.10101	85	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.1450	0.09000	7.0948	0.27472	0.10101	85	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.1650	0.05000	7.0948	0.27472	0.10101	85	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.1700	0.24000	7.0948	0.27472	0.10101	85	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	7.1700	0.02000	7.0948	0.27472	0.10101	85	0.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.1750	0.03000	7.0948	0.27472	0.10101	85	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.1780	0.07400	7.0948	0.27472	0.10101	85	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.1784	0.04250	7.0948	0.27472	0.10101	85	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	7.1800	0.02000	7.0948	0.27472	0.10101	85	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.1850	0.03000	7.0948	0.27472	0.10101	85	0.33	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.1900	0.04000	7.0948	0.27472	0.10101	85	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.1900	0.42000	7.0948	0.27472	0.10101	85	0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.2000	0.30000	7.0948	0.27472	0.10101	85	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	7.2000	0.04000	7.0948	0.27472	0.10101	85	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	7.2300	0.02000	7.0948	0.27472	0.10101	85	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.2500	0.10000	7.0948	0.27472	0.10101	85	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0653	7.2550	0.07000	7.0948	0.27472	0.10101	85	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	7.2600	0.12000	7.0948	0.27472	0.10101	85	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.2600	0.02000	7.0948	0.27472	0.10101	85	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.2679	0.11000	7.0948	0.27472	0.10101	85	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	7.2698	0.07150	7.0948	0.27472	0.10101	85	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.2850	0.17000	7.0948	0.27472	0.10101	85	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0845	7.2950	0.07000	7.0948	0.27472	0.10101	85	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.3200	0.08000	7.0948	0.27472	0.10101	85	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0142	7.3300	0.08000	7.0948	0.27472	0.10101	85	0.86	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 (%)	0504	7.3300	0.04000	7.0948	0.27472	0.10101	85	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.3400	0.16000	7.0948	0.27472	0.10101	85	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	7.3400	0.12000	7.0948	0.27472	0.10101	85	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.3550	0.05000	7.0948	0.27472	0.10101	85	0.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.3850	0.07000	7.0948	0.27472	0.10101	85	1.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0047	7.4000	0.00000	7.0948	0.27472	0.10101	85	1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.4000	0.20000	7.0948	0.27472	0.10101	85	1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.4000	0.00000	7.0948	0.27472	0.10101	85	1.11	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.4200	0.02000	7.0948	0.27472	0.10101	85	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	7.4800	0.10000	7.0948	0.27472	0.10101	85	1.40	3%	0
005.00	Ash, 2h @ 600°C (%)	0581	7.4950	0.09000	7.0948	0.27472	0.10101	85	1.46	3%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.5200	0.20000	7.0948	0.27472	0.10101	85	1.55	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.5350	0.09000	7.0948	0.27472	0.10101	85	1.60	3%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.5650	0.05000	7.0948	0.27472	0.10101	85	1.71	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.5750	0.11000	7.0948	0.27472	0.10101	85	1.75	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.7650	0.01000	7.0948	0.27472	0.10101	85	2.44	5%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.8600	0.66000	7.0948	0.27472	0.10101	85	-0.85	2%	1
005.00	Ash, 2h @ 600°C (%)	0956	7.0000	0.60000	7.0948	0.27472	0.10101	85	-0.34	1%	1
005.02	Ash, LECO (%)	0644	7.4050	0.05000				1			0
005.03	Ash, Microwave furnace (%)	0912	6.8000	0.00000				1			0
005.04	Ash, Acid insoluble (%)	0683	0.26000	0.00000				1			0
005.05	Ash, 3h @ 550°C (%)	0941	6.8250	0.13000	7.2384	0.21178	0.05340	31	-1.95	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	6.8500	0.02000	7.2384	0.21178	0.05340	31	-1.83	3%	0
005.05	Ash, 3h @ 550°C (%)	0893	6.9000	0.00000	7.2384	0.21178	0.05340	31	-1.60	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	6.9100	0.02000	7.2384	0.21178	0.05340	31	-1.55	2%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.9600	0.20000	7.2384	0.21178	0.05340	31	-1.31	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.0250	0.05000	7.2384	0.21178	0.05340	31	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.0500	0.10000	7.2384	0.21178	0.05340	31	-0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.1000	0.06000	7.2384	0.21178	0.05340	31	-0.65	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	7.1430	0.00000	7.2384	0.21178	0.05340	31	-0.45	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	7.1612	0.03100	7.2384	0.21178	0.05340	31	-0.36	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.2250	0.05000	7.2384	0.21178	0.05340	31	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	7.2500	0.00000	7.2384	0.21178	0.05340	31	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.2550	0.07000	7.2384	0.21178	0.05340	31	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	7.2550	0.09000	7.2384	0.21178	0.05340	31	0.08	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	7.2600	0.02000	7.2384	0.21178	0.05340	31	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.2750	0.05000	7.2384	0.21178	0.05340	31	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.2850	0.05000	7.2384	0.21178	0.05340	31	0.22	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.2900	0.16000	7.2384	0.21178	0.05340	31	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0845	7.2950	0.07000	7.2384	0.21178	0.05340	31	0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.2950	0.03000	7.2384	0.21178	0.05340	31	0.27	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0294	7.3000	0.00000	7.2384	0.21178	0.05340	31	0.29	0%	0
005.05	Ash, 3h @ 550°C (%)	0940	7.3200	0.08000	7.2384	0.21178	0.05340	31	0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	7.3250	0.13000	7.2384	0.21178	0.05340	31	0.41	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.3300	0.02000	7.2384	0.21178	0.05340	31	0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.3800	0.08000	7.2384	0.21178	0.05340	31	0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	7.4300	0.00000	7.2384	0.21178	0.05340	31	0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.4413	0.03430	7.2384	0.21178	0.05340	31	0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	7.4600	0.00000	7.2384	0.21178	0.05340	31	1.05	2%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.4850	0.03000	7.2384	0.21178	0.05340	31	1.16	2%	0
005.05	Ash, 3h @ 550°C (%)	0685	7.5800	0.00000	7.2384	0.21178	0.05340	31	1.61	2%	0
005.05	Ash, 3h @ 550°C (%)	0720	7.6000	0.08000	7.2384	0.21178	0.05340	31	1.71	2%	0
005.11	Ash, NIR (%)	0720	2.6550	0.17000	7.3322	1.9194	0.15167	6	-2.44	32%	0
005.11	Ash, NIR (%)	0889	6.1000	0.04000	7.3322	1.9194	0.15167	6	-0.64	8%	0
005.11	Ash, NIR (%)	2120	8.0300	0.14000	7.3322	1.9194	0.15167	6	0.36	5%	0
005.11	Ash, NIR (%)	2121	8.1600	0.10000	7.3322	1.9194	0.15167	6	0.43	6%	0
005.11	Ash, NIR (%)	0852	8.5950	0.07000	7.3322	1.9194	0.15167	6	0.66	9%	0
005.11	Ash, NIR (%)	0297	8.6550	0.39000	7.3322	1.9194	0.15167	6	0.69	9%	0
005.99	Ash, Miscellaneous (%)	0574	6.4300	0.22000	7.3744	0.18790	0.07983	12	-5.03	6%	0
005.99	Ash, Miscellaneous (%)	0629	7.2050	0.09000	7.3744	0.18790	0.07983	12	-0.90	1%	0
005.99	Ash, Miscellaneous (%)	2146	7.2200	0.02000	7.3744	0.18790	0.07983	12	-0.82	1%	0
005.99	Ash, Miscellaneous (%)	0202	7.3280	0.23200	7.3744	0.18790	0.07983	12	-0.25	0%	0
005.99	Ash, Miscellaneous (%)	2145	7.3400	0.02000	7.3744	0.18790	0.07983	12	-0.18	0%	0
005.99	Ash, Miscellaneous (%)	0652	7.3500	0.10000	7.3744	0.18790	0.07983	12	-0.13	0%	0
005.99	Ash, Miscellaneous (%)	2105	7.3550	0.01000	7.3744	0.18790	0.07983	12	-0.10	0%	0
005.99	Ash, Miscellaneous (%)	0728	7.3860	0.12600	7.3744	0.18790	0.07983	12	0.06	0%	0
005.99	Ash, Miscellaneous (%)	0910	7.4000	0.00000	7.3744	0.18790	0.07983	12	0.14	0%	0
005.99	Ash, Miscellaneous (%)	2004	7.5550	0.01000	7.3744	0.18790	0.07983	12	0.96	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.6050	0.05000	7.3744	0.18790	0.07983	12	1.23	2%	0
005.99	Ash, Miscellaneous (%)	0536	8.0800	0.08000	7.3744	0.18790	0.07983	12	3.76	5%	0
006.00	Total sugars, As sucrose (%)	0910	4.4950	0.51000				1			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	4.3100	0.08000				1			0
006.99	Total sugars, Miscellaneous (%)	0720	0.68000	0.04000				2			0
006.99	Total sugars, Miscellaneous (%)	0956	4.9500	0.10000				2			0
008.02	Fiber, Acid Detergent (%)	0676	4.8300	0.04000	6.5193	0.57340	0.10424	15	-2.95	13%	0
008.02	Fiber, Acid Detergent (%)	0590	5.7500	0.10000	6.5193	0.57340	0.10424	15	-1.34	6%	0
008.02	Fiber, Acid Detergent (%)	0504	6.0550	0.31000	6.5193	0.57340	0.10424	15	-0.81	4%	0
008.02	Fiber, Acid Detergent (%)	0098	6.0800	0.00000	6.5193	0.57340	0.10424	15	-0.77	3%	0
008.02	Fiber, Acid Detergent (%)	0226	6.2900	0.18000	6.5193	0.57340	0.10424	15	-0.40	2%	0
008.02	Fiber, Acid Detergent (%)	0208	6.3400	0.04000	6.5193	0.57340	0.10424	15	-0.31	1%	0
008.02	Fiber, Acid Detergent (%)	0353	6.5350	0.07000	6.5193	0.57340	0.10424	15	0.03	0%	0
008.02	Fiber, Acid Detergent (%)	0309	6.5971	0.07360	6.5193	0.57340	0.10424	15	0.14	1%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.02	Fiber, Acid Detergent (%)	0148	6.6800	0.00000	6.5193	0.57340	0.10424	15	0.28	1%	0
008.02	Fiber, Acid Detergent (%)	0675	6.7150	0.33000	6.5193	0.57340	0.10424	15	0.34	2%	0
008.02	Fiber, Acid Detergent (%)	0948	6.7150	0.05000	6.5193	0.57340	0.10424	15	0.34	2%	0
008.02	Fiber, Acid Detergent (%)	0689	6.8000	0.00000	6.5193	0.57340	0.10424	15	0.49	2%	0
008.02	Fiber, Acid Detergent (%)	0187	6.8150	0.09000	6.5193	0.57340	0.10424	15	0.52	2%	0
008.02	Fiber, Acid Detergent (%)	0345	7.6500	0.10000	6.5193	0.57340	0.10424	15	1.97	9%	0
008.02	Fiber, Acid Detergent (%)	0609	8.8900	0.18000	6.5193	0.57340	0.10424	15	4.13	18%	0
008.02	Fiber, Acid Detergent (%)	0939	7.2200	1.0600	6.5193	0.57340	0.10424	15	1.22	5%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	7.2000	0.20000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	5.3800	0.10000	6.3383	0.54307	0.18287	40	-1.76	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	5.4000	0.30000	6.3383	0.54307	0.18287	40	-1.73	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	5.5450	0.41000	6.3383	0.54307	0.18287	40	-1.46	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	5.6350	0.25000	6.3383	0.54307	0.18287	40	-1.29	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	5.6629	0.05380	6.3383	0.54307	0.18287	40	-1.24	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	5.7400	0.06000	6.3383	0.54307	0.18287	40	-1.10	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	5.8000	0.20000	6.3383	0.54307	0.18287	40	-0.99	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	5.8500	0.10000	6.3383	0.54307	0.18287	40	-0.90	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	5.9000	0.12000	6.3383	0.54307	0.18287	40	-0.81	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	5.9050	0.15000	6.3383	0.54307	0.18287	40	-0.80	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	5.9500	0.08000	6.3383	0.54307	0.18287	40	-0.71	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	5.9800	0.44000	6.3383	0.54307	0.18287	40	-0.66	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	6.0050	0.41000	6.3383	0.54307	0.18287	40	-0.61	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.0300	0.36000	6.3383	0.54307	0.18287	40	-0.57	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	6.0500	0.16000	6.3383	0.54307	0.18287	40	-0.53	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	6.0500	0.10000	6.3383	0.54307	0.18287	40	-0.53	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.2000	0.20000	6.3383	0.54307	0.18287	40	-0.25	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	6.3100	0.20000	6.3383	0.54307	0.18287	40	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	6.4000	0.20000	6.3383	0.54307	0.18287	40	0.11	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	6.4465	0.05300	6.3383	0.54307	0.18287	40	0.20	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	6.5000	0.40000	6.3383	0.54307	0.18287	40	0.30	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	6.5150	0.01000	6.3383	0.54307	0.18287	40	0.33	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	6.5250	0.35000	6.3383	0.54307	0.18287	40	0.34	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	6.5550	0.15000	6.3383	0.54307	0.18287	40	0.40	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	6.6000	0.20000	6.3383	0.54307	0.18287	40	0.48	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	6.6078	0.01110	6.3383	0.54307	0.18287	40	0.50	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.6450	0.07000	6.3383	0.54307	0.18287	40	0.56	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	6.6600	0.30000	6.3383	0.54307	0.18287	40	0.59	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	6.6950	0.33000	6.3383	0.54307	0.18287	40	0.66	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	6.7227	0.20270	6.3383	0.54307	0.18287	40	0.71	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.7500	0.04000	6.3383	0.54307	0.18287	40	0.76	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	6.7650	0.07000	6.3383	0.54307	0.18287	40	0.79	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	
008.08	Fiber, Acid Detergent, ANKOM (%)	0860	6.7660	0.01000	6.3383	0.54307	0.18287	40	0.79	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	6.8400	0.10000	6.3383	0.54307	0.18287	40	0.92	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	6.8400	0.12000	6.3383	0.54307	0.18287	40	0.92	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	6.8700	0.10000	6.3383	0.54307	0.18287	40	0.98	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	6.9500	0.10000	6.3383	0.54307	0.18287	40	1.13	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.9650	0.15000	6.3383	0.54307	0.18287	40	1.15	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	7.1000	0.60000	6.3383	0.54307	0.18287	40	1.40	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	7.2900	0.05400	6.3383	0.54307	0.18287	40	1.75	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	7.0817	0.88590	6.3383	0.54307	0.18287	40	1.37	6%	1
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	2.7700	0.04000	6.0020	1.9006	0.23200	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	6.0500	0.20000	6.0020	1.9006	0.23200	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	6.5000	0.20000	6.0020	1.9006	0.23200	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0941	7.0750	0.31000	6.0020	1.9006	0.23200	5			0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	7.6150	0.41000	6.0020	1.9006	0.23200	5			0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	14.615	0.05000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	12.700	0.00000	15.573	2.0038	0.19317	13	-1.43	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	13.050	0.30000	15.573	2.0038	0.19317	13	-1.26	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	13.745	0.03000	15.573	2.0038	0.19317	13	-0.91	6%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	15.090	0.60000	15.573	2.0038	0.19317	13	-0.24	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	15.135	0.09000	15.573	2.0038	0.19317	13	-0.22	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	15.335	0.27000	15.573	2.0038	0.19317	13	-0.12	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	15.455	0.01000	15.573	2.0038	0.19317	13	-0.06	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	15.900	0.40000	15.573	2.0038	0.19317	13	0.16	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	16.040	0.26000	15.573	2.0038	0.19317	13	0.23	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	16.319	0.06120	15.573	2.0038	0.19317	13	0.37	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0689	16.750	0.10000	15.573	2.0038	0.19317	13	0.59	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	18.350	0.10000	15.573	2.0038	0.19317	13	1.39	9%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	19.595	0.29000	15.573	2.0038	0.19317	13	2.01	13%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	16.150	1.1000	15.573	2.0038	0.19317	13	0.29	2%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	11.850	0.10000	14.550	1.1954	0.32829	39	-2.26	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	12.743	0.63000	14.550	1.1954	0.32829	39	-1.51	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	13.100	0.20000	14.550	1.1954	0.32829	39	-1.21	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	13.235	0.39000	14.550	1.1954	0.32829	39	-1.10	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	13.240	0.18000	14.550	1.1954	0.32829	39	-1.10	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	13.265	0.71000	14.550	1.1954	0.32829	39	-1.08	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	13.450	0.10000	14.550	1.1954	0.32829	39	-0.92	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	13.500	0.00000	14.550	1.1954	0.32829	39	-0.88	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2022	13.730	0.10000	14.550	1.1954	0.32829	39	-0.69	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	13.853	0.05340	14.550	1.1954	0.32829	39	-0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	13.855	0.05000	14.550	1.1954	0.32829	39	-0.58	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	13.900	0.40000	14.550	1.1954	0.32829	39	-0.54	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	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	13.920	0.26000	14.550	1.1954	0.32829	39	-0.53	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	14.020	0.48000	14.550	1.1954	0.32829	39	-0.44	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	14.030	0.22000	14.550	1.1954	0.32829	39	-0.44	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	14.090	0.18980	14.550	1.1954	0.32829	39	-0.39	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	14.315	0.17000	14.550	1.1954	0.32829	39	-0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	14.510	0.22000	14.550	1.1954	0.32829	39	-0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	14.545	0.01000	14.550	1.1954	0.32829	39	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	14.550	0.30000	14.550	1.1954	0.32829	39	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	14.570	1.5000	14.550	1.1954	0.32829	39	0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	14.587	0.41310	14.550	1.1954	0.32829	39	0.03	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	14.675	0.51410	14.550	1.1954	0.32829	39	0.10	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	14.705	0.51000	14.550	1.1954	0.32829	39	0.13	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	14.750	0.10000	14.550	1.1954	0.32829	39	0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	14.790	0.58000	14.550	1.1954	0.32829	39	0.20	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	14.830	0.10000	14.550	1.1954	0.32829	39	0.23	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	14.840	0.82000	14.550	1.1954	0.32829	39	0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	15.150	0.30000	14.550	1.1954	0.32829	39	0.50	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	15.200	0.80000	14.550	1.1954	0.32829	39	0.54	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	15.607	0.07300	14.550	1.1954	0.32829	39	0.88	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	15.675	0.13000	14.550	1.1954	0.32829	39	0.94	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	15.800	0.60000	14.550	1.1954	0.32829	39	1.05	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	16.050	0.50000	14.550	1.1954	0.32829	39	1.25	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	16.245	0.11000	14.550	1.1954	0.32829	39	1.42	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	16.340	0.10000	14.550	1.1954	0.32829	39	1.50	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	16.385	0.11000	14.550	1.1954	0.32829	39	1.53	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	16.690	0.28000	14.550	1.1954	0.32829	39	1.79	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	18.550	0.50000	14.550	1.1954	0.32829	39	3.35	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	15.795	2.1300	14.550	1.1954	0.32829	39	1.04	4%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0638	14.800	0.20000	16.701	1.8761	0.13125	4			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0941	16.310	0.00000	16.701	1.8761	0.13125	4			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	16.403	0.02500	16.701	1.8761	0.13125	4			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	19.290	0.30000	16.701	1.8761	0.13125	4			0
010.03	Moisture, Karl-Fischer (%)	0208	9.7400	0.06000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	10.215	0.11000				3			0
010.03	Moisture, Karl-Fischer (%)	0843	10.250	0.22000				3			0
010.11	Moisture, NIR (%)	2120	9.4800	0.14000	10.112	0.63834	0.06000	5			0
010.11	Moisture, NIR (%)	2121	9.6450	0.11000	10.112	0.63834	0.06000	5			0
010.11	Moisture, NIR (%)	0889	9.9000	0.02000	10.112	0.63834	0.06000	5			0
010.11	Moisture, NIR (%)	0720	10.535	0.01000	10.112	0.63834	0.06000	5			0
010.11	Moisture, NIR (%)	0852	11.000	0.02000	10.112	0.63834	0.06000	5			0
010.99	Moisture, Miscellaneous (%)	0722	8.8682	0.06870	9.6791	0.61976	0.06723	16	-1.31	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
010.99	Moisture, Miscellaneous (%)	2089	9.1850	0.07000	9.6791	0.61976	0.06723	16	-0.80	3%	0
010.99	Moisture, Miscellaneous (%)	2144	9.1900	0.00000	9.6791	0.61976	0.06723	16	-0.79	3%	0
010.99	Moisture, Miscellaneous (%)	2004	9.2800	0.08000	9.6791	0.61976	0.06723	16	-0.64	2%	0
010.99	Moisture, Miscellaneous (%)	0964	9.3085	0.33700	9.6791	0.61976	0.06723	16	-0.60	2%	0
010.99	Moisture, Miscellaneous (%)	2145	9.3600	0.02000	9.6791	0.61976	0.06723	16	-0.51	2%	0
010.99	Moisture, Miscellaneous (%)	2146	9.3950	0.03000	9.6791	0.61976	0.06723	16	-0.46	1%	0
010.99	Moisture, Miscellaneous (%)	0917	9.4500	0.10000	9.6791	0.61976	0.06723	16	-0.37	1%	0
010.99	Moisture, Miscellaneous (%)	0948	9.4800	0.08000	9.6791	0.61976	0.06723	16	-0.32	1%	0
010.99	Moisture, Miscellaneous (%)	0939	9.5450	0.07000	9.6791	0.61976	0.06723	16	-0.22	1%	0
010.99	Moisture, Miscellaneous (%)	0921	9.9200	0.00000	9.6791	0.61976	0.06723	16	0.39	1%	0
010.99	Moisture, Miscellaneous (%)	0190	9.9800	0.06000	9.6791	0.61976	0.06723	16	0.49	2%	0
010.99	Moisture, Miscellaneous (%)	0726	10.335	0.01000	9.6791	0.61976	0.06723	16	1.06	3%	0
010.99	Moisture, Miscellaneous (%)	2076	10.370	0.02000	9.6791	0.61976	0.06723	16	1.11	4%	0
010.99	Moisture, Miscellaneous (%)	2105	10.590	0.10000	9.6791	0.61976	0.06723	16	1.47	5%	0
010.99	Moisture, Miscellaneous (%)	0405	11.075	0.03000	9.6791	0.61976	0.06723	16	2.25	7%	0
010.99	Moisture, Miscellaneous (%)	2129	9.1100	0.64000	9.6791	0.61976	0.06723	16	-0.92	3%	1
011.01	Loss on Drying, 135°C 2hr (%)	0345	7.7000	0.16000	10.336	0.40670	0.11943	60	-6.48	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.0600	0.00000	10.336	0.40670	0.11943	60	-5.60	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.0950	0.07000	10.336	0.40670	0.11943	60	-3.05	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	9.1300	0.32000	10.336	0.40670	0.11943	60	-2.97	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	9.3550	0.15000	10.336	0.40670	0.11943	60	-2.41	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	9.4400	0.06000	10.336	0.40670	0.11943	60	-2.20	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.6350	0.07000	10.336	0.40670	0.11943	60	-1.72	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	9.8650	0.33000	10.336	0.40670	0.11943	60	-1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	9.9000	0.02000	10.336	0.40670	0.11943	60	-1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.9150	0.05000	10.336	0.40670	0.11943	60	-1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	9.9500	0.06000	10.336	0.40670	0.11943	60	-0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	10.033	0.00700	10.336	0.40670	0.11943	60	-0.75	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	10.050	0.10000	10.336	0.40670	0.11943	60	-0.70	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.055	0.05000	10.336	0.40670	0.11943	60	-0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	10.090	0.38800	10.336	0.40670	0.11943	60	-0.61	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	10.100	0.00000	10.336	0.40670	0.11943	60	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	10.100	0.20000	10.336	0.40670	0.11943	60	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	10.135	0.07000	10.336	0.40670	0.11943	60	-0.49	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	10.150	0.10000	10.336	0.40670	0.11943	60	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	10.200	0.20000	10.336	0.40670	0.11943	60	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	10.210	0.02000	10.336	0.40670	0.11943	60	-0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	10.213	0.12070	10.336	0.40670	0.11943	60	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	10.215	0.35000	10.336	0.40670	0.11943	60	-0.30	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	10.245	0.01000	10.336	0.40670	0.11943	60	-0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	10.246	0.31650	10.336	0.40670	0.11943	60	-0.22	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 (%)	0294	10.250	0.10000	10.336	0.40670	0.11943	60	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	10.280	0.06000	10.336	0.40670	0.11943	60	-0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	10.305	0.09000	10.336	0.40670	0.11943	60	-0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	10.335	0.07000	10.336	0.40670	0.11943	60	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.350	0.30000	10.336	0.40670	0.11943	60	0.03	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	10.367	0.04400	10.336	0.40670	0.11943	60	0.07	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	10.380	0.06000	10.336	0.40670	0.11943	60	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	10.395	0.01000	10.336	0.40670	0.11943	60	0.14	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	10.425	0.01000	10.336	0.40670	0.11943	60	0.22	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	10.435	0.07000	10.336	0.40670	0.11943	60	0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	10.450	0.10000	10.336	0.40670	0.11943	60	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	10.450	0.10000	10.336	0.40670	0.11943	60	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	10.480	0.00000	10.336	0.40670	0.11943	60	0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	10.500	0.00000	10.336	0.40670	0.11943	60	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	10.500	0.20000	10.336	0.40670	0.11943	60	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	10.500	0.02000	10.336	0.40670	0.11943	60	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	10.508	0.19300	10.336	0.40670	0.11943	60	0.42	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	10.510	0.04000	10.336	0.40670	0.11943	60	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	10.525	0.01000	10.336	0.40670	0.11943	60	0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	10.555	0.03000	10.336	0.40670	0.11943	60	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	10.580	0.44000	10.336	0.40670	0.11943	60	0.60	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	10.655	0.17000	10.336	0.40670	0.11943	60	0.78	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0615	10.660	0.06000	10.336	0.40670	0.11943	60	0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	10.681	0.00540	10.336	0.40670	0.11943	60	0.85	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	10.705	0.21000	10.336	0.40670	0.11943	60	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	10.772	0.01100	10.336	0.40670	0.11943	60	1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	10.790	0.18000	10.336	0.40670	0.11943	60	1.12	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	10.800	0.72000	10.336	0.40670	0.11943	60	1.14	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.810	0.02000	10.336	0.40670	0.11943	60	1.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	10.825	0.05000	10.336	0.40670	0.11943	60	1.20	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	10.860	0.06000	10.336	0.40670	0.11943	60	1.29	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	10.950	0.08000	10.336	0.40670	0.11943	60	1.51	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	11.110	0.18000	10.336	0.40670	0.11943	60	1.90	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0004	11.130	0.08000	10.336	0.40670	0.11943	60	1.95	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	11.205	0.17000	10.336	0.40670	0.11943	60	2.14	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	10.525	1.3900	10.336	0.40670	0.11943	60	0.46	1%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.5700	0.34000	10.230	0.64541	0.20000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	2075	9.9650	0.15000	10.230	0.64541	0.20000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	10.295	0.05000	10.230	0.64541	0.20000	4			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	11.090	0.26000	10.230	0.64541	0.20000	4			0
011.99	Loss on Drying, High Temp. Methods Miscellaneo	0857	9.6000	0.20000				3			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	10.370	0.20000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	10.865	0.07000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0609	31.210	0.00000	34.171	0.89444	0.47127	11	-3.31	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	33.300	0.60000	34.171	0.89444	0.47127	11	-0.97	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	33.480	0.22000	34.171	0.89444	0.47127	11	-0.77	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	33.600	0.00000	34.171	0.89444	0.47127	11	-0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	34.300	1.0000	34.171	0.89444	0.47127	11	0.14	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	34.335	0.01000	34.171	0.89444	0.47127	11	0.18	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	34.375	1.1640	34.171	0.89444	0.47127	11	0.23	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	34.550	0.10000	34.171	0.89444	0.47127	11	0.42	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	34.600	0.60000	34.171	0.89444	0.47127	11	0.48	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	35.050	0.90000	34.171	0.89444	0.47127	11	0.98	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	35.465	0.59000	34.171	0.89444	0.47127	11	1.45	2%	0
012.01	Starch, Megazyme (%)	0918	23.771	0.51400	32.690	1.2107	0.64003	10	-7.37	14%	0
012.01	Starch, Megazyme (%)	0870	31.830	0.33940	32.690	1.2107	0.64003	10	-0.71	1%	0
012.01	Starch, Megazyme (%)	0676	31.915	0.17000	32.690	1.2107	0.64003	10	-0.64	1%	0
012.01	Starch, Megazyme (%)	0956	31.950	1.1000	32.690	1.2107	0.64003	10	-0.61	1%	0
012.01	Starch, Megazyme (%)	0045	32.750	1.3000	32.690	1.2107	0.64003	10	0.05	0%	0
012.01	Starch, Megazyme (%)	0265	32.950	0.70000	32.690	1.2107	0.64003	10	0.21	0%	0
012.01	Starch, Megazyme (%)	2004	33.000	0.40000	32.690	1.2107	0.64003	10	0.26	0%	0
012.01	Starch, Megazyme (%)	0693	33.379	1.0269	32.690	1.2107	0.64003	10	0.57	1%	0
012.01	Starch, Megazyme (%)	0164	33.750	0.70000	32.690	1.2107	0.64003	10	0.88	2%	0
012.01	Starch, Megazyme (%)	2089	37.695	0.15000	32.690	1.2107	0.64003	10	4.13	8%	0
012.03	Starch, Enzymatic (%)	0407	32.033	1.1650	33.685	2.0992	0.83417	6	-0.79	2%	0
012.03	Starch, Enzymatic (%)	0098	32.300	0.20000	33.685	2.0992	0.83417	6	-0.66	2%	0
012.03	Starch, Enzymatic (%)	0148	32.420	0.16000	33.685	2.0992	0.83417	6	-0.60	2%	0
012.03	Starch, Enzymatic (%)	0955	33.350	1.3000	33.685	2.0992	0.83417	6	-0.16	0%	0
012.03	Starch, Enzymatic (%)	0297	35.945	2.0500	33.685	2.0992	0.83417	6	1.08	3%	0
012.03	Starch, Enzymatic (%)	0889	36.065	0.13000	33.685	2.0992	0.83417	6	1.13	4%	0
012.04	Starch, YSI Analyzer (%)	0510	30.750	0.30000	31.801	1.1837	0.50167	6	-0.89	2%	0
012.04	Starch, YSI Analyzer (%)	0353	31.030	0.34000	31.801	1.1837	0.50167	6	-0.65	1%	0
012.04	Starch, YSI Analyzer (%)	0160	31.355	1.2500	31.801	1.1837	0.50167	6	-0.38	1%	0
012.04	Starch, YSI Analyzer (%)	0278	31.450	0.50000	31.801	1.1837	0.50167	6	-0.30	1%	0
012.04	Starch, YSI Analyzer (%)	0208	33.100	0.60000	31.801	1.1837	0.50167	6	1.10	2%	0
012.04	Starch, YSI Analyzer (%)	0948	33.120	0.02000	31.801	1.1837	0.50167	6	1.11	2%	0
012.11	Starch, NIR (%)	0889	33.440	0.14000	35.178	1.7247	0.12000	4			0
012.11	Starch, NIR (%)	0297	34.550	0.10000	35.178	1.7247	0.12000	4			0
012.11	Starch, NIR (%)	0852	35.195	0.05000	35.178	1.7247	0.12000	4			0
012.11	Starch, NIR (%)	0720	37.525	0.19000	35.178	1.7247	0.12000	4			0
013.00	Fat, Acid hydrolysis (%)	2149	2.6300	0.16000	3.5753	0.50653	0.10548	19	-1.87	13%	0
013.00	Fat, Acid hydrolysis (%)	0615	2.9250	0.01000	3.5753	0.50653	0.10548	19	-1.28	9%	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 (%)	0618	3.0009	0.05980	3.5753	0.50653	0.10548	19	-1.13	8%	0
013.00	Fat, Acid hydrolysis (%)	0689	3.2000	0.40000	3.5753	0.50653	0.10548	19	-0.74	5%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.2100	0.04000	3.5753	0.50653	0.10548	19	-0.72	5%	0
013.00	Fat, Acid hydrolysis (%)	0297	3.2250	0.03000	3.5753	0.50653	0.10548	19	-0.69	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.3800	0.14000	3.5753	0.50653	0.10548	19	-0.39	3%	0
013.00	Fat, Acid hydrolysis (%)	0242	3.4050	0.19000	3.5753	0.50653	0.10548	19	-0.34	2%	0
013.00	Fat, Acid hydrolysis (%)	0910	3.5900	0.14000	3.5753	0.50653	0.10548	19	0.03	0%	0
013.00	Fat, Acid hydrolysis (%)	0948	3.6050	0.01000	3.5753	0.50653	0.10548	19	0.06	0%	0
013.00	Fat, Acid hydrolysis (%)	0098	3.6750	0.11000	3.5753	0.50653	0.10548	19	0.20	1%	0
013.00	Fat, Acid hydrolysis (%)	2004	3.7000	0.00000	3.5753	0.50653	0.10548	19	0.25	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	3.7450	0.29000	3.5753	0.50653	0.10548	19	0.34	2%	0
013.00	Fat, Acid hydrolysis (%)	0652	3.8000	0.00000	3.5753	0.50653	0.10548	19	0.44	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.8613	0.02960	3.5753	0.50653	0.10548	19	0.56	4%	0
013.00	Fat, Acid hydrolysis (%)	0139	4.0700	0.00000	3.5753	0.50653	0.10548	19	0.98	7%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.0900	0.02000	3.5753	0.50653	0.10548	19	1.02	7%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.2980	0.16800	3.5753	0.50653	0.10548	19	1.43	10%	0
013.00	Fat, Acid hydrolysis (%)	2076	4.4849	0.20670	3.5753	0.50653	0.10548	19	1.80	13%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	3.6250	0.01000	4.2592	0.33784	0.08187	17	-1.88	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	3.6700	0.00000	4.2592	0.33784	0.08187	17	-1.74	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	3.8950	0.13000	4.2592	0.33784	0.08187	17	-1.08	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.0200	0.04000	4.2592	0.33784	0.08187	17	-0.71	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.1150	0.13000	4.2592	0.33784	0.08187	17	-0.43	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.1341	0.04180	4.2592	0.33784	0.08187	17	-0.37	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	4.2000	0.00000	4.2592	0.33784	0.08187	17	-0.18	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.2200	0.02000	4.2592	0.33784	0.08187	17	-0.12	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	4.3050	0.15000	4.2592	0.33784	0.08187	17	0.14	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	4.3350	0.17000	4.2592	0.33784	0.08187	17	0.22	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.3600	0.04000	4.2592	0.33784	0.08187	17	0.30	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.3850	0.05000	4.2592	0.33784	0.08187	17	0.37	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.4100	0.06000	4.2592	0.33784	0.08187	17	0.45	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.4800	0.10000	4.2592	0.33784	0.08187	17	0.65	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.5100	0.00000	4.2592	0.33784	0.08187	17	0.74	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.8100	0.28000	4.2592	0.33784	0.08187	17	1.63	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	5.1550	0.17000	4.2592	0.33784	0.08187	17	2.65	11%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	2.1683	0.19260				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0875	2.3700	0.10000	3.3517	0.75720	0.16976	7	-1.30	15%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	2.6700	0.44000	3.3517	0.75720	0.16976	7	-0.90	10%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	3.1271	0.05830	3.3517	0.75720	0.16976	7	-0.30	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	3.5500	0.10000	3.3517	0.75720	0.16976	7	0.26	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	3.6000	0.16000	3.3517	0.75720	0.16976	7	0.33	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	3.9050	0.01000	3.3517	0.75720	0.16976	7	0.73	8%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	4.2400	0.32000	3.3517	0.75720	0.16976	7	1.17	13%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	3.5185	0.02300	4.3591	0.83942	0.13792	6	-1.00	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	3.9050	0.25000	4.3591	0.83942	0.13792	6	-0.54	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.1100	0.04000	4.3591	0.83942	0.13792	6	-0.30	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0407	4.2378	0.32450	4.3591	0.83942	0.13792	6	-0.14	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	4.7650	0.19000	4.3591	0.83942	0.13792	6	0.48	5%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	6.1000	0.00000	4.3591	0.83942	0.13792	6	2.07	20%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	89.750	7.1000	108.86	21.770	5.9900	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	91.800	5.0600	108.86	21.770	5.9900	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	119.50	5.0000	108.86	21.770	5.9900	4			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	134.40	6.8000	108.86	21.770	5.9900	4			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	107.00	2.8000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	99.500	5.0000	119.15	19.124	9.0048	6	-1.03	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	110.85	7.5290	119.15	19.124	9.0048	6	-0.43	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	111.00	0.00000	119.15	19.124	9.0048	6	-0.43	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	115.50	27.000	119.15	19.124	9.0048	6	-0.19	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0034	132.05	8.5000	119.15	19.124	9.0048	6	0.67	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	146.00	6.0000	119.15	19.124	9.0048	6	1.40	11%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	89.161	3.9299				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	10.270	0.86000	12.246	2.6976	0.76250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	10.820	1.8600	12.246	2.6976	0.76250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	11.700	0.24000	12.246	2.6976	0.76250	4			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	16.195	0.09000	12.246	2.6976	0.76250	4			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	10.567	0.41190	11.482	1.2721	0.54838	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	10.640	0.10000	11.482	1.2721	0.54838	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	10.750	1.1000	11.482	1.2721	0.54838	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	11.925	0.07000	11.482	1.2721	0.54838	5			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	13.530	1.0600	11.482	1.2721	0.54838	5			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	9.9500	0.10000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	10.900	0.10000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	11.000	0.00000				3			0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	12.000	4.0000				3			1
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	2.5000	1.0000				3			2
017.53	Boron, ICP-MS, Microwave (mg / kg (ppm))	0032	11.250	0.10000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.3557	0.00000	1.4934	0.10183	0.02422	9	-1.35	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.3900	0.10000	1.4934	0.10183	0.02422	9	-1.02	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.4385	0.02700	1.4934	0.10183	0.02422	9	-0.54	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.4800	0.00000	1.4934	0.10183	0.02422	9	-0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.5000	0.04000	1.4934	0.10183	0.02422	9	0.07	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.5250	0.01000	1.4934	0.10183	0.02422	9	0.31	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.5400	0.02000	1.4934	0.10183	0.02422	9	0.46	2%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.5650	0.01000	1.4934	0.10183	0.02422	9	0.70	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.7145	0.01100	1.4934	0.10183	0.02422	9	2.17	7%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.4000	0.20000	1.4934	0.10183	0.02422	9	-0.92	3%	1
019.02	Calcium, Hach Method (%)	0536	1.7950	0.03000				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.5807	0.01350				1			0
019.08	Calcium, EDTA (%)	0590	1.4900	0.02000	1.5223	0.03331	0.00971	7	-0.97	1%	0
019.08	Calcium, EDTA (%)	0940	1.4900	0.00000	1.5223	0.03331	0.00971	7	-0.97	1%	0
019.08	Calcium, EDTA (%)	0849	1.4985	0.00300	1.5223	0.03331	0.00971	7	-0.71	1%	0
019.08	Calcium, EDTA (%)	2009	1.5239	0.00370	1.5223	0.03331	0.00971	7	0.05	0%	0
019.08	Calcium, EDTA (%)	0885	1.5485	0.01130	1.5223	0.03331	0.00971	7	0.79	1%	0
019.08	Calcium, EDTA (%)	0689	1.5500	0.00000	1.5223	0.03331	0.00971	7	0.83	1%	0
019.08	Calcium, EDTA (%)	0629	1.5550	0.03000	1.5223	0.03331	0.00971	7	0.98	1%	0
019.08	Calcium, EDTA (%)	0852	2.1500	0.10000	1.5223	0.03331	0.00971	7	18.85	21%	1
019.09	Calcium, Ion-selective electrode (%)	2006	1.7205	0.15300				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	0.77500	0.03000	1.5534	0.10601	0.03034	21	-7.34	25%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.3550	0.03000	1.5534	0.10601	0.03034	21	-1.87	6%	0
019.31	Calcium, AAS, Dry ash (%)	0638	1.4250	0.01000	1.5534	0.10601	0.03034	21	-1.21	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.4860	0.01400	1.5534	0.10601	0.03034	21	-0.64	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.5000	0.10000	1.5534	0.10601	0.03034	21	-0.50	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.5035	0.01500	1.5534	0.10601	0.03034	21	-0.47	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.5050	0.03000	1.5534	0.10601	0.03034	21	-0.46	2%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.5111	0.00800	1.5534	0.10601	0.03034	21	-0.40	1%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.5150	0.01000	1.5534	0.10601	0.03034	21	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.5150	0.01000	1.5534	0.10601	0.03034	21	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.5250	0.01000	1.5534	0.10601	0.03034	21	-0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.5835	0.00700	1.5534	0.10601	0.03034	21	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.5843	0.01970	1.5534	0.10601	0.03034	21	0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.5865	0.08100	1.5534	0.10601	0.03034	21	0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.5950	0.01000	1.5534	0.10601	0.03034	21	0.39	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.6050	0.05000	1.5534	0.10601	0.03034	21	0.49	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.6400	0.10000	1.5534	0.10601	0.03034	21	0.82	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.6545	0.01700	1.5534	0.10601	0.03034	21	0.95	3%	0
019.31	Calcium, AAS, Dry ash (%)	0722	1.6737	0.03550	1.5534	0.10601	0.03034	21	1.13	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.7500	0.02000	1.5534	0.10601	0.03034	21	1.85	6%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.8750	0.03000	1.5534	0.10601	0.03034	21	3.03	10%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.4700	0.06000				3			0
019.32	Calcium, AAS, Open vessel (%)	0035	1.5750	0.07000				3			0
019.32	Calcium, AAS, Open vessel (%)	0609	1.7250	0.01000				3			0
019.33	Calcium, AAS, Microwave (%)	0300	1.4550	0.03000				2			0
019.33	Calcium, AAS, Microwave (%)	0010	1.6500	0.02000				2			0
019.41	Calcium, ICP, Dry ash (%)	0720	1.3650	0.01000	1.5420	0.05488	0.03496	30	-3.23	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	
019.41	Calcium, ICP, Dry ash (%)	0144	1.3900	0.02000	1.5420	0.05488	0.03496	30	-2.77	5%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.4800	0.00000	1.5420	0.05488	0.03496	30	-1.13	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.4800	0.04000	1.5420	0.05488	0.03496	30	-1.13	2%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.4900	0.04000	1.5420	0.05488	0.03496	30	-0.95	2%	0
019.41	Calcium, ICP, Dry ash (%)	0018	1.4950	0.01000	1.5420	0.05488	0.03496	30	-0.86	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.4950	0.01000	1.5420	0.05488	0.03496	30	-0.86	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.5050	0.01000	1.5420	0.05488	0.03496	30	-0.67	1%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.5050	0.01000	1.5420	0.05488	0.03496	30	-0.67	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.5100	0.00000	1.5420	0.05488	0.03496	30	-0.58	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.5250	0.07000	1.5420	0.05488	0.03496	30	-0.31	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.5306	0.04710	1.5420	0.05488	0.03496	30	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.5350	0.11000	1.5420	0.05488	0.03496	30	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.5350	0.03000	1.5420	0.05488	0.03496	30	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.5400	0.02000	1.5420	0.05488	0.03496	30	-0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.5440	0.08800	1.5420	0.05488	0.03496	30	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.5491	0.01060	1.5420	0.05488	0.03496	30	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.5500	0.08000	1.5420	0.05488	0.03496	30	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.5500	0.04000	1.5420	0.05488	0.03496	30	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.5600	0.00000	1.5420	0.05488	0.03496	30	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0298	1.5600	0.02000	1.5420	0.05488	0.03496	30	0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.5615	0.02500	1.5420	0.05488	0.03496	30	0.36	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.5800	0.02000	1.5420	0.05488	0.03496	30	0.69	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.5800	0.04000	1.5420	0.05488	0.03496	30	0.69	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.6000	0.00000	1.5420	0.05488	0.03496	30	1.06	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.6070	0.09800	1.5420	0.05488	0.03496	30	1.18	2%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.6100	0.12000	1.5420	0.05488	0.03496	30	1.24	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.6150	0.05000	1.5420	0.05488	0.03496	30	1.33	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.6650	0.01000	1.5420	0.05488	0.03496	30	2.24	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.7100	0.02000	1.5420	0.05488	0.03496	30	3.06	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.2000	0.02000	1.5635	0.08340	0.05294	22	-4.36	12%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.4550	0.03000	1.5635	0.08340	0.05294	22	-1.30	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.4927	0.03900	1.5635	0.08340	0.05294	22	-0.85	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.4950	0.09000	1.5635	0.08340	0.05294	22	-0.82	2%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.5000	0.00000	1.5635	0.08340	0.05294	22	-0.76	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.5050	0.05000	1.5635	0.08340	0.05294	22	-0.70	2%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.5098	0.04160	1.5635	0.08340	0.05294	22	-0.64	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.5200	0.18000	1.5635	0.08340	0.05294	22	-0.52	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.5425	0.01300	1.5635	0.08340	0.05294	22	-0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.5440	0.00270	1.5635	0.08340	0.05294	22	-0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.5500	0.06000	1.5635	0.08340	0.05294	22	-0.16	0%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.5525	0.05300	1.5635	0.08340	0.05294	22	-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	
019.42	Calcium, ICP, Open vessel (%)	0187	1.5700	0.00000	1.5635	0.08340	0.05294	22	0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.5750	0.11000	1.5635	0.08340	0.05294	22	0.14	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.6047	0.03150	1.5635	0.08340	0.05294	22	0.49	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.6050	0.01000	1.5635	0.08340	0.05294	22	0.50	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.6050	0.09000	1.5635	0.08340	0.05294	22	0.50	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.6050	0.15000	1.5635	0.08340	0.05294	22	0.50	1%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.6740	0.01600	1.5635	0.08340	0.05294	22	1.33	4%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.6756	0.12480	1.5635	0.08340	0.05294	22	1.34	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.7135	0.01300	1.5635	0.08340	0.05294	22	1.80	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.7300	0.04000	1.5635	0.08340	0.05294	22	2.00	5%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.4329	0.00460	1.5428	0.07511	0.03193	26	-1.46	4%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.4400	0.08000	1.5428	0.07511	0.03193	26	-1.37	3%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.4500	0.00000	1.5428	0.07511	0.03193	26	-1.24	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.4700	0.02000	1.5428	0.07511	0.03193	26	-0.97	2%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.4750	0.01000	1.5428	0.07511	0.03193	26	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.4770	0.00400	1.5428	0.07511	0.03193	26	-0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.4900	0.00000	1.5428	0.07511	0.03193	26	-0.70	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.5000	0.04000	1.5428	0.07511	0.03193	26	-0.57	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.5110	0.06400	1.5428	0.07511	0.03193	26	-0.42	1%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.5200	0.02000	1.5428	0.07511	0.03193	26	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.5200	0.00000	1.5428	0.07511	0.03193	26	-0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.5250	0.01000	1.5428	0.07511	0.03193	26	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0033	1.5350	0.05000	1.5428	0.07511	0.03193	26	-0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.5400	0.02000	1.5428	0.07511	0.03193	26	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.5450	0.01000	1.5428	0.07511	0.03193	26	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.5600	0.08000	1.5428	0.07511	0.03193	26	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.5600	0.02000	1.5428	0.07511	0.03193	26	0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.5800	0.02000	1.5428	0.07511	0.03193	26	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.5900	0.02000	1.5428	0.07511	0.03193	26	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.6040	0.03000	1.5428	0.07511	0.03193	26	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.6053	0.07870	1.5428	0.07511	0.03193	26	0.83	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.6200	0.04000	1.5428	0.07511	0.03193	26	1.03	3%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.6255	0.07100	1.5428	0.07511	0.03193	26	1.10	3%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.6270	0.03800	1.5428	0.07511	0.03193	26	1.12	3%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.7450	0.01000	1.5428	0.07511	0.03193	26	2.69	7%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.9050	0.09000	1.5428	0.07511	0.03193	26	4.82	12%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.3850	0.23000	1.5428	0.07511	0.03193	26	-2.10	5%	1
019.43	Calcium, ICP, Microwave (%)	0017	1.5680	0.25000	1.5428	0.07511	0.03193	26	0.34	1%	1
019.44	Calcium, ICP, Dry ash (%)	2004	1.4800	0.00000				2			0
019.44	Calcium, ICP, Dry ash (%)	0039	1.6510	0.02200				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.5844	0.19020				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.5930	0.03980				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.5950	0.01000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.5696	0.02870				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.6350	0.05000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0034	1.6400	0.03400				3			0
019.99	Calcium, Miscellaneous (%)	0889	1.2680	0.03400	1.5141	0.14968	0.02733	6	-1.64	8%	0
019.99	Calcium, Miscellaneous (%)	0676	1.4300	0.04000	1.5141	0.14968	0.02733	6	-0.56	3%	0
019.99	Calcium, Miscellaneous (%)	0242	1.5300	0.00000	1.5141	0.14968	0.02733	6	0.11	1%	0
019.99	Calcium, Miscellaneous (%)	2144	1.5900	0.00000	1.5141	0.14968	0.02733	6	0.51	3%	0
019.99	Calcium, Miscellaneous (%)	0590	1.6150	0.05000	1.5141	0.14968	0.02733	6	0.67	3%	0
019.99	Calcium, Miscellaneous (%)	0100	1.6300	0.04000	1.5141	0.14968	0.02733	6	0.77	4%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.75000	0.10000	0.87125	0.17853	0.09250	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	0.75500	0.03000	0.87125	0.17853	0.09250	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	0.85000	0.10000	0.87125	0.17853	0.09250	4			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.1300	0.14000	0.87125	0.17853	0.09250	4			0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	0.83000	0.00000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.46900	0.01400	0.71375	0.18395	0.04050	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.72650	0.00300	0.71375	0.18395	0.04050	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	0.74450	0.05500	0.71375	0.18395	0.04050	4			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0148	0.91500	0.09000	0.71375	0.18395	0.04050	4			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.53175	0.07830				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	0.72350	0.09900				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.80000	0.16000				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	0.64000	0.06000	0.76571	0.11894	0.06444	7	-1.06	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	0.66000	0.10000	0.76571	0.11894	0.06444	7	-0.89	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.73280	0.09400	0.76571	0.11894	0.06444	7	-0.28	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.76650	0.14700	0.76571	0.11894	0.06444	7	0.01	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	2033	0.77300	0.02800	0.76571	0.11894	0.06444	7	0.06	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	0.84355	0.01210	0.76571	0.11894	0.06444	7	0.65	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.0750	0.01000	0.76571	0.11894	0.06444	7	2.60	20%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.57000	0.06000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.58500	0.05000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.61580	0.16620				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.51790	0.05400				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.73500	0.02600				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0032	0.74850	0.01900				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0638	15.450	0.30000	17.688	2.3645	0.54829	11	-0.95	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	15.550	0.30000	17.688	2.3645	0.54829	11	-0.90	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	15.870	0.24000	17.688	2.3645	0.54829	11	-0.77	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2097	16.000	0.00000	17.688	2.3645	0.54829	11	-0.71	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	16.500	0.00000	17.688	2.3645	0.54829	11	-0.50	3%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	17.379	0.78120	17.688	2.3645	0.54829	11	-0.13	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	17.985	0.05000	17.688	2.3645	0.54829	11	0.13	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	18.550	0.26000	17.688	2.3645	0.54829	11	0.36	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	19.050	0.90000	17.688	2.3645	0.54829	11	0.58	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	21.000	2.0000	17.688	2.3645	0.54829	11	1.40	9%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	21.900	1.2000	17.688	2.3645	0.54829	11	1.78	12%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	16.150	0.90000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	24.000	4.0000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	87.500	5.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	17.753	0.04300				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	10.045	0.09000	16.760	2.5258	0.79742	20	-2.66	20%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	12.700	1.0000	16.760	2.5258	0.79742	20	-1.61	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	13.615	1.0500	16.760	2.5258	0.79742	20	-1.25	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	13.720	0.20000	16.760	2.5258	0.79742	20	-1.20	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	15.785	1.4900	16.760	2.5258	0.79742	20	-0.39	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	16.000	0.00000	16.760	2.5258	0.79742	20	-0.30	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	16.082	0.26830	16.760	2.5258	0.79742	20	-0.27	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	16.500	1.0000	16.760	2.5258	0.79742	20	-0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	16.500	1.0000	16.760	2.5258	0.79742	20	-0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	16.605	0.59000	16.760	2.5258	0.79742	20	-0.06	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	17.025	2.6100	16.760	2.5258	0.79742	20	0.10	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	17.355	1.2300	16.760	2.5258	0.79742	20	0.24	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	17.400	1.4000	16.760	2.5258	0.79742	20	0.25	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	17.420	0.14000	16.760	2.5258	0.79742	20	0.26	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	17.500	0.20000	16.760	2.5258	0.79742	20	0.29	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	18.205	1.0300	16.760	2.5258	0.79742	20	0.57	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	19.000	0.00000	16.760	2.5258	0.79742	20	0.89	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	20.000	0.00000	16.760	2.5258	0.79742	20	1.28	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	20.000	1.2000	16.760	2.5258	0.79742	20	1.28	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	24.595	1.4500	16.760	2.5258	0.79742	20	3.10	23%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	22.000	6.2000	16.760	2.5258	0.79742	20	2.07	16%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	14.950	0.92000	18.064	1.7782	0.64197	21	-1.75	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	16.000	0.40000	18.064	1.7782	0.64197	21	-1.16	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	16.000	0.00000	18.064	1.7782	0.64197	21	-1.16	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	16.300	0.20000	18.064	1.7782	0.64197	21	-0.99	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	16.700	0.60000	18.064	1.7782	0.64197	21	-0.77	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0263	16.705	0.13800	18.064	1.7782	0.64197	21	-0.76	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	17.165	0.27000	18.064	1.7782	0.64197	21	-0.51	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	17.770	0.18000	18.064	1.7782	0.64197	21	-0.17	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	17.875	0.11000	18.064	1.7782	0.64197	21	-0.11	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	18.000	0.00000	18.064	1.7782	0.64197	21	-0.04	0%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	18.150	0.50000	18.064	1.7782	0.64197	21	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	18.155	0.27540	18.064	1.7782	0.64197	21	0.05	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	18.280	0.48000	18.064	1.7782	0.64197	21	0.12	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	18.500	3.0000	18.064	1.7782	0.64197	21	0.24	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	18.550	1.9000	18.064	1.7782	0.64197	21	0.27	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	19.055	0.39000	18.064	1.7782	0.64197	21	0.56	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	19.165	0.37800	18.064	1.7782	0.64197	21	0.62	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	19.390	1.3800	18.064	1.7782	0.64197	21	0.75	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	22.400	1.8000	18.064	1.7782	0.64197	21	2.44	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	27.130	0.06000	18.064	1.7782	0.64197	21	5.10	25%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	27.350	0.50000	18.064	1.7782	0.64197	21	5.22	26%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	23.650	4.7000	18.064	1.7782	0.64197	21	3.14	15%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	15.235	0.41000	17.383	1.1483	0.94942	22	-1.87	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0017	15.866	5.3370	17.383	1.1483	0.94942	22	-1.32	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	16.500	1.0000	17.383	1.1483	0.94942	22	-0.77	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	16.500	0.00000	17.383	1.1483	0.94942	22	-0.77	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	16.500	1.0000	17.383	1.1483	0.94942	22	-0.77	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	16.600	0.80000	17.383	1.1483	0.94942	22	-0.68	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	16.625	0.59000	17.383	1.1483	0.94942	22	-0.66	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	16.800	1.2000	17.383	1.1483	0.94942	22	-0.51	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	16.950	0.10000	17.383	1.1483	0.94942	22	-0.38	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	17.000	0.18000	17.383	1.1483	0.94942	22	-0.33	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	17.000	0.00000	17.383	1.1483	0.94942	22	-0.33	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	17.200	0.00000	17.383	1.1483	0.94942	22	-0.16	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	17.520	0.84000	17.383	1.1483	0.94942	22	0.12	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	17.850	0.50000	17.383	1.1483	0.94942	22	0.41	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	18.000	0.00000	17.383	1.1483	0.94942	22	0.54	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	18.000	0.00000	17.383	1.1483	0.94942	22	0.54	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	18.000	0.00000	17.383	1.1483	0.94942	22	0.54	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	18.175	0.10920	17.383	1.1483	0.94942	22	0.69	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	18.370	5.2000	17.383	1.1483	0.94942	22	0.86	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	19.235	1.9100	17.383	1.1483	0.94942	22	1.61	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	19.376	1.7110	17.383	1.1483	0.94942	22	1.73	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	20.000	0.00000	17.383	1.1483	0.94942	22	2.28	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	19.000	8.0000	17.383	1.1483	0.94942	22	1.41	5%	1
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	18.050	0.10000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	17.924	1.1280				1			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	16.000	2.0000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	17.050	0.50000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2033	19.150	1.5000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	17.000	0.00000				3			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	17.050	0.10000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	17.500	1.0000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	13.700	0.80000				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	1.1000	0.20000				1			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	2033	1.6850	0.43000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0596	200.50	16.200	238.76	31.464	7.6554	14	-1.22	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0638	206.50	13.000	238.76	31.464	7.6554	14	-1.03	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	215.50	1.0000	238.76	31.464	7.6554	14	-0.74	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	218.56	10.485	238.76	31.464	7.6554	14	-0.64	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	220.48	1.0700	238.76	31.464	7.6554	14	-0.58	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	227.00	4.0000	238.76	31.464	7.6554	14	-0.37	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	235.00	10.000	238.76	31.464	7.6554	14	-0.12	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	236.30	4.4000	238.76	31.464	7.6554	14	-0.08	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	242.15	0.77000	238.76	31.464	7.6554	14	0.11	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	244.70	8.2000	238.76	31.464	7.6554	14	0.19	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	246.50	5.0000	238.76	31.464	7.6554	14	0.25	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	277.50	15.000	238.76	31.464	7.6554	14	1.23	8%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2097	295.00	16.000	238.76	31.464	7.6554	14	1.79	12%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	394.03	2.0500	238.76	31.464	7.6554	14	4.93	33%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	246.75	5.7000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	252.50	7.0000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	287.50	25.000				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	231.10	5.4000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	315.63	1.4540				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	189.65	3.1000	226.98	19.833	7.5716	22	-1.88	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	192.50	15.000	226.98	19.833	7.5716	22	-1.74	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	198.50	7.0000	226.98	19.833	7.5716	22	-1.44	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	200.05	1.9000	226.98	19.833	7.5716	22	-1.36	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	206.04	1.5262	226.98	19.833	7.5716	22	-1.06	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	217.45	10.500	226.98	19.833	7.5716	22	-0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	218.29	5.1200	226.98	19.833	7.5716	22	-0.44	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	218.50	9.0000	226.98	19.833	7.5716	22	-0.43	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	226.46	0.22000	226.98	19.833	7.5716	22	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	229.71	7.5200	226.98	19.833	7.5716	22	0.14	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	233.00	4.0000	226.98	19.833	7.5716	22	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	234.50	3.0000	226.98	19.833	7.5716	22	0.38	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	234.65	26.500	226.98	19.833	7.5716	22	0.39	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	238.55	18.300	226.98	19.833	7.5716	22	0.58	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	239.50	9.0000	226.98	19.833	7.5716	22	0.63	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	239.50	1.0000	226.98	19.833	7.5716	22	0.63	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	240.50	13.400	226.98	19.833	7.5716	22	0.68	3%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0011	240.51	5.0200	226.98	19.833	7.5716	22	0.68	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	241.54	5.8000	226.98	19.833	7.5716	22	0.73	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	243.87	3.4700	226.98	19.833	7.5716	22	0.85	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	247.45	6.3000	226.98	19.833	7.5716	22	1.03	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	250.45	9.9000	226.98	19.833	7.5716	22	1.18	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	337.50	227.00	226.98	19.833	7.5716	22	5.57	24%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	166.50	3.0000	229.81	20.123	8.4922	18	-3.15	14%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	208.23	13.140	229.81	20.123	8.4922	18	-1.07	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	209.50	9.0000	229.81	20.123	8.4922	18	-1.01	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	210.70	7.4000	229.81	20.123	8.4922	18	-0.95	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	217.50	7.0000	229.81	20.123	8.4922	18	-0.61	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	218.00	3.4000	229.81	20.123	8.4922	18	-0.59	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	222.50	21.000	229.81	20.123	8.4922	18	-0.36	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	225.53	13.503	229.81	20.123	8.4922	18	-0.21	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	225.90	13.000	229.81	20.123	8.4922	18	-0.19	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0263	226.50	1.6766	229.81	20.123	8.4922	18	-0.16	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	229.50	9.0000	229.81	20.123	8.4922	18	-0.02	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	238.85	0.30000	229.81	20.123	8.4922	18	0.45	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	244.65	0.90000	229.81	20.123	8.4922	18	0.74	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	248.90	3.8000	229.81	20.123	8.4922	18	0.95	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	249.50	5.0000	229.81	20.123	8.4922	18	0.98	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	250.50	31.000	229.81	20.123	8.4922	18	1.03	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	252.27	7.7400	229.81	20.123	8.4922	18	1.12	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	258.50	3.0000	229.81	20.123	8.4922	18	1.43	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	204.00	4.0000	234.13	20.757	11.396	23	-1.45	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	209.50	1.0000	234.13	20.757	11.396	23	-1.19	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0017	213.05	15.609	234.13	20.757	11.396	23	-1.02	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	213.50	21.000	234.13	20.757	11.396	23	-0.99	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	216.76	13.220	234.13	20.757	11.396	23	-0.84	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	221.00	8.0000	234.13	20.757	11.396	23	-0.63	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	221.22	0.00000	234.13	20.757	11.396	23	-0.62	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	221.50	5.0000	234.13	20.757	11.396	23	-0.61	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	225.40	4.8000	234.13	20.757	11.396	23	-0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	226.00	8.0000	234.13	20.757	11.396	23	-0.39	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	227.50	3.0000	234.13	20.757	11.396	23	-0.32	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	229.50	15.000	234.13	20.757	11.396	23	-0.22	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	234.50	5.0000	234.13	20.757	11.396	23	0.02	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	240.98	1.2200	234.13	20.757	11.396	23	0.33	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	243.46	17.553	234.13	20.757	11.396	23	0.45	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	245.00	6.0000	234.13	20.757	11.396	23	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	245.50	31.000	234.13	20.757	11.396	23	0.55	2%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	249.24	41.590	234.13	20.757	11.396	23	0.73	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	251.50	3.0000	234.13	20.757	11.396	23	0.84	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	254.30	4.8000	234.13	20.757	11.396	23	0.97	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	261.00	8.0000	234.13	20.757	11.396	23	1.29	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	274.00	2.0000	234.13	20.757	11.396	23	1.92	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	322.80	43.310	234.13	20.757	11.396	23	4.27	19%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	163.10	13.800				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	226.23	6.5200				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0034	237.50	10.200				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0039	217.88	5.2620	229.34	9.2727	5.0655	4			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	228.50	9.0000	229.34	9.2727	5.0655	4			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	230.50	5.0000	229.34	9.2727	5.0655	4			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	240.50	1.0000	229.34	9.2727	5.0655	4			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.16000	0.00000	0.20793	0.01125	0.00454	17	-4.26	12%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.19000	0.00000	0.20793	0.01125	0.00454	17	-1.59	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.19500	0.01000	0.20793	0.01125	0.00454	17	-1.15	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.20000	0.00000	0.20793	0.01125	0.00454	17	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.20000	0.00000	0.20793	0.01125	0.00454	17	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.20500	0.01000	0.20793	0.01125	0.00454	17	-0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.20600	0.00400	0.20793	0.01125	0.00454	17	-0.17	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.20805	0.00570	0.20793	0.01125	0.00454	17	0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.20850	0.00060	0.20793	0.01125	0.00454	17	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.20975	0.00050	0.20793	0.01125	0.00454	17	0.16	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.21300	0.00000	0.20793	0.01125	0.00454	17	0.45	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.21500	0.01000	0.20793	0.01125	0.00454	17	0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.21500	0.01000	0.20793	0.01125	0.00454	17	0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2097	0.21555	0.00530	0.20793	0.01125	0.00454	17	0.68	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.21700	0.00600	0.20793	0.01125	0.00454	17	0.81	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.22000	0.00000	0.20793	0.01125	0.00454	17	1.07	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.24050	0.01500	0.20793	0.01125	0.00454	17	2.89	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	1,661.1	0.00000	0.20793	0.01125	0.00454	17	147610.15	399394%	2
027.32	Magnesium, AAS, Open vessel (%)	0609	0.18000	0.00000				2			0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.22000	0.02000				2			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.23000	0.00000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.19000	0.00000	0.21022	0.01069	0.00600	24	-1.89	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.19500	0.01000	0.21022	0.01069	0.00600	24	-1.42	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.19615	0.00010	0.21022	0.01069	0.00600	24	-1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.19650	0.00900	0.21022	0.01069	0.00600	24	-1.28	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.20000	0.00000	0.21022	0.01069	0.00600	24	-0.96	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.20520	0.00220	0.21022	0.01069	0.00600	24	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.20650	0.00300	0.21022	0.01069	0.00600	24	-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	
027.41	Magnesium, ICP, Dry ash (%)	0229	0.20650	0.01500	0.21022	0.01069	0.00600	24	-0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.21000	0.00000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.21000	0.00000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.21000	0.00000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.21000	0.00000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.21000	0.02000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.21000	0.02000	0.21022	0.01069	0.00600	24	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.21150	0.00540	0.21022	0.01069	0.00600	24	0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.21215	0.00030	0.21022	0.01069	0.00600	24	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.21250	0.00300	0.21022	0.01069	0.00600	24	0.21	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.21300	0.00000	0.21022	0.01069	0.00600	24	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.21850	0.00500	0.21022	0.01069	0.00600	24	0.78	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.22000	0.02000	0.21022	0.01069	0.00600	24	0.92	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.22000	0.00000	0.21022	0.01069	0.00600	24	0.92	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.22500	0.01000	0.21022	0.01069	0.00600	24	1.38	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.22950	0.00100	0.21022	0.01069	0.00600	24	1.80	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.23100	0.02000	0.21022	0.01069	0.00600	24	1.94	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.16605	0.00070	0.21655	0.00992	0.00344	18	-5.09	12%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.20245	0.00290	0.21655	0.00992	0.00344	18	-1.42	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.21000	0.00000	0.21655	0.00992	0.00344	18	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.21000	0.00000	0.21655	0.00992	0.00344	18	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.21000	0.00000	0.21655	0.00992	0.00344	18	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.21005	0.00010	0.21655	0.00992	0.00344	18	-0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.21250	0.01900	0.21655	0.00992	0.00344	18	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.21390	0.00100	0.21655	0.00992	0.00344	18	-0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.21450	0.00500	0.21655	0.00992	0.00344	18	-0.21	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.21550	0.00300	0.21655	0.00992	0.00344	18	-0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.21990	0.01180	0.21655	0.00992	0.00344	18	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.22000	0.00000	0.21655	0.00992	0.00344	18	0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.22000	0.00000	0.21655	0.00992	0.00344	18	0.35	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.22265	0.00090	0.21655	0.00992	0.00344	18	0.62	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.22500	0.01000	0.21655	0.00992	0.00344	18	0.85	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.22920	0.00020	0.21655	0.00992	0.00344	18	1.28	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.23000	0.00000	0.21655	0.00992	0.00344	18	1.36	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.23055	0.00730	0.21655	0.00992	0.00344	18	1.41	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.22500	0.03000	0.21655	0.00992	0.00344	18	0.85	2%	1
027.43	Magnesium, ICP, Microwave (%)	0032	0.18500	0.01000	0.21189	0.01482	0.00960	26	-1.81	6%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.19000	0.00000	0.21189	0.01482	0.00960	26	-1.48	5%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.19450	0.00500	0.21189	0.01482	0.00960	26	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.19550	0.00300	0.21189	0.01482	0.00960	26	-1.11	4%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.19950	0.00300	0.21189	0.01482	0.00960	26	-0.84	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	
027.43	Magnesium, ICP, Microwave (%)	2089	0.20000	0.02000	0.21189	0.01482	0.00960	26	-0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.20350	0.04100	0.21189	0.01482	0.00960	26	-0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.20500	0.00200	0.21189	0.01482	0.00960	26	-0.46	2%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.20500	0.01000	0.21189	0.01482	0.00960	26	-0.46	2%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.20600	0.00400	0.21189	0.01482	0.00960	26	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.20650	0.00500	0.21189	0.01482	0.00960	26	-0.36	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.21000	0.02000	0.21189	0.01482	0.00960	26	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.21000	0.02000	0.21189	0.01482	0.00960	26	-0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.21100	0.01200	0.21189	0.01482	0.00960	26	-0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.21500	0.01000	0.21189	0.01482	0.00960	26	0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.21500	0.01000	0.21189	0.01482	0.00960	26	0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.21805	0.00370	0.21189	0.01482	0.00960	26	0.42	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.22000	0.00000	0.21189	0.01482	0.00960	26	0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.22000	0.00000	0.21189	0.01482	0.00960	26	0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.22000	0.04000	0.21189	0.01482	0.00960	26	0.55	2%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.22250	0.00100	0.21189	0.01482	0.00960	26	0.72	3%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.22500	0.00400	0.21189	0.01482	0.00960	26	0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.22500	0.01000	0.21189	0.01482	0.00960	26	0.88	3%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.23800	0.01600	0.21189	0.01482	0.00960	26	1.76	6%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.24000	0.00000	0.21189	0.01482	0.00960	26	1.90	7%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.24000	0.00000	0.21189	0.01482	0.00960	26	1.90	7%	0
027.44	Magnesium, ICP, Dry ash (%)	0039	0.21250	0.00300				2			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.21600	0.00200				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.21115	0.00190				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.23785	0.00170				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.20830	0.02720				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.21750	0.00100				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0034	0.22485	0.00510				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.19500	0.01000	0.21125	0.01702	0.00750	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.20500	0.01000	0.21125	0.01702	0.00750	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.21000	0.00000	0.21125	0.01702	0.00750	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.23500	0.01000	0.21125	0.01702	0.00750	4			0
027.99	Magnesium, Miscellaneous (%)	2144	2,051.0	30.000	0.21125	0.01702	0.00750	4			2
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2022	101.00	0.00000	110.87	5.4531	3.5283	14	-1.81	4%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0638	105.50	3.0000	110.87	5.4531	3.5283	14	-0.99	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	107.35	8.1756	110.87	5.4531	3.5283	14	-0.65	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	107.39	2.1600	110.87	5.4531	3.5283	14	-0.64	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	107.95	4.7000	110.87	5.4531	3.5283	14	-0.54	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0596	108.55	5.3000	110.87	5.4531	3.5283	14	-0.43	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	109.50	1.0000	110.87	5.4531	3.5283	14	-0.25	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	110.15	0.81000	110.87	5.4531	3.5283	14	-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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	112.80	0.80000	110.87	5.4531	3.5283	14	0.35	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	113.00	10.000	110.87	5.4531	3.5283	14	0.39	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	114.30	1.0000	110.87	5.4531	3.5283	14	0.63	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2097	116.00	6.0000	110.87	5.4531	3.5283	14	0.94	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	118.00	4.0000	110.87	5.4531	3.5283	14	1.31	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	161.58	2.4500	110.87	5.4531	3.5283	14	9.30	23%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	104.00	2.0000	117.72	10.916	11.888	4			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	114.03	7.2500	117.72	10.916	11.888	4			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	125.00	10.000	117.72	10.916	11.888	4			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	127.85	28.300	117.72	10.916	11.888	4			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	102.15	2.9620				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	104.50	1.6000				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	83.485	0.03000	104.20	8.5443	3.7983	21	-2.42	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	83.885	1.4100	104.20	8.5443	3.7983	21	-2.38	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	89.950	2.5000	104.20	8.5443	3.7983	21	-1.67	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	93.450	10.700	104.20	8.5443	3.7983	21	-1.26	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2145	97.425	2.8700	104.20	8.5443	3.7983	21	-0.79	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	100.48	3.4400	104.20	8.5443	3.7983	21	-0.44	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	102.00	0.00000	104.20	8.5443	3.7983	21	-0.26	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	102.63	2.2900	104.20	8.5443	3.7983	21	-0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	103.37	9.6300	104.20	8.5443	3.7983	21	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	103.76	1.9643	104.20	8.5443	3.7983	21	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	105.75	1.5000	104.20	8.5443	3.7983	21	0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	106.50	1.0000	104.20	8.5443	3.7983	21	0.27	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	107.65	11.100	104.20	8.5443	3.7983	21	0.40	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	108.05	0.10000	104.20	8.5443	3.7983	21	0.45	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	109.55	3.1000	104.20	8.5443	3.7983	21	0.63	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	110.78	12.110	104.20	8.5443	3.7983	21	0.77	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	111.50	3.0000	104.20	8.5443	3.7983	21	0.85	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	112.00	2.0000	104.20	8.5443	3.7983	21	0.91	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	112.00	0.00000	104.20	8.5443	3.7983	21	0.91	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	112.80	6.8000	104.20	8.5443	3.7983	21	1.01	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	114.40	4.2200	104.20	8.5443	3.7983	21	1.19	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	104.55	24.900	104.20	8.5443	3.7983	21	0.04	0%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	92.480	2.8400	109.54	10.064	3.9248	20	-1.70	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	98.415	0.27000	109.54	10.064	3.9248	20	-1.11	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	99.850	8.9000	109.54	10.064	3.9248	20	-0.96	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	101.50	11.000	109.54	10.064	3.9248	20	-0.80	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	101.85	10.300	109.54	10.064	3.9248	20	-0.76	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0263	101.90	1.4154	109.54	10.064	3.9248	20	-0.76	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	103.90	2.4000	109.54	10.064	3.9248	20	-0.56	3%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	104.50	3.0000	109.54	10.064	3.9248	20	-0.50	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	105.00	6.0000	109.54	10.064	3.9248	20	-0.45	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	106.05	6.9343	109.54	10.064	3.9248	20	-0.35	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	109.85	2.7000	109.54	10.064	3.9248	20	0.03	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	113.50	1.0000	109.54	10.064	3.9248	20	0.39	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	113.71	0.41000	109.54	10.064	3.9248	20	0.41	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	116.50	9.0000	109.54	10.064	3.9248	20	0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	116.95	3.9000	109.54	10.064	3.9248	20	0.74	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	117.79	0.98700	109.54	10.064	3.9248	20	0.82	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	118.00	2.0000	109.54	10.064	3.9248	20	0.84	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	120.75	0.10000	109.54	10.064	3.9248	20	1.11	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	121.75	4.9000	109.54	10.064	3.9248	20	1.21	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	134.62	0.44000	109.54	10.064	3.9248	20	2.49	11%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	95.500	9.0000	109.81	8.1129	4.4709	22	-1.76	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	97.500	1.0000	109.81	8.1129	4.4709	22	-1.52	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0017	100.10	6.2430	109.81	8.1129	4.4709	22	-1.20	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	101.00	4.0000	109.81	8.1129	4.4709	22	-1.09	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	103.14	2.5000	109.81	8.1129	4.4709	22	-0.82	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	104.92	1.4800	109.81	8.1129	4.4709	22	-0.60	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	105.00	4.0000	109.81	8.1129	4.4709	22	-0.59	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	105.50	3.0000	109.81	8.1129	4.4709	22	-0.53	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	108.30	2.4000	109.81	8.1129	4.4709	22	-0.19	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	109.72	10.720	109.81	8.1129	4.4709	22	-0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	110.00	4.0000	109.81	8.1129	4.4709	22	0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	110.50	3.0000	109.81	8.1129	4.4709	22	0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	113.31	7.8280	109.81	8.1129	4.4709	22	0.43	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	113.50	5.0000	109.81	8.1129	4.4709	22	0.45	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	114.00	0.00000	109.81	8.1129	4.4709	22	0.52	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	115.00	2.0000	109.81	8.1129	4.4709	22	0.64	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	115.50	1.8000	109.81	8.1129	4.4709	22	0.70	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	115.50	1.0000	109.81	8.1129	4.4709	22	0.70	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	115.50	1.0000	109.81	8.1129	4.4709	22	0.70	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	117.20	0.00000	109.81	8.1129	4.4709	22	0.91	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	120.93	0.44800	109.81	8.1129	4.4709	22	1.37	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	122.86	27.940	109.81	8.1129	4.4709	22	1.61	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	122.50	37.000	109.81	8.1129	4.4709	22	1.56	6%	1
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0039	102.43	3.0060				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	111.00	0.00000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	101.90	1.8000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	105.18	4.2376				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	105.50	7.0000				2			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0034	113.05	4.5000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	97.750	3.4000	107.56	8.4900	4.6260	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	102.00	4.0000	107.56	8.4900	4.6260	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	108.00	6.0000	107.56	8.4900	4.6260	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2144	110.06	3.7300	107.56	8.4900	4.6260	5			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	120.00	6.0000	107.56	8.4900	4.6260	5			0
031.00	Phosphorus, Vol (%)	0893	0.75000	0.00000				2			0
031.00	Phosphorus, Vol (%)	0895	0.77500	0.01000				2			0
031.01	Phosphorus, Photometric (%)	0108	0.65000	0.02000	0.74043	0.02368	0.01846	33	-3.82	6%	0
031.01	Phosphorus, Photometric (%)	0940	0.67500	0.07000	0.74043	0.02368	0.01846	33	-2.76	4%	0
031.01	Phosphorus, Photometric (%)	0622	0.68300	0.00020	0.74043	0.02368	0.01846	33	-2.43	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.68710	0.01560	0.74043	0.02368	0.01846	33	-2.25	4%	0
031.01	Phosphorus, Photometric (%)	2109	0.71500	0.02000	0.74043	0.02368	0.01846	33	-1.07	2%	0
031.01	Phosphorus, Photometric (%)	0233	0.72000	0.00000	0.74043	0.02368	0.01846	33	-0.86	1%	0
031.01	Phosphorus, Photometric (%)	0563	0.72255	0.02730	0.74043	0.02368	0.01846	33	-0.76	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.72500	0.01000	0.74043	0.02368	0.01846	33	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.73000	0.02000	0.74043	0.02368	0.01846	33	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	0638	0.73000	0.02000	0.74043	0.02368	0.01846	33	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.73050	0.01000	0.74043	0.02368	0.01846	33	-0.42	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.73500	0.01000	0.74043	0.02368	0.01846	33	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	0897	0.73500	0.01000	0.74043	0.02368	0.01846	33	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	0939	0.73500	0.01000	0.74043	0.02368	0.01846	33	-0.23	0%	0
031.01	Phosphorus, Photometric (%)	0849	0.73750	0.00500	0.74043	0.02368	0.01846	33	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0035	0.74000	0.04000	0.74043	0.02368	0.01846	33	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.74000	0.02000	0.74043	0.02368	0.01846	33	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2022	0.74000	0.00000	0.74043	0.02368	0.01846	33	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	0650	0.74100	0.00200	0.74043	0.02368	0.01846	33	0.02	0%	0
031.01	Phosphorus, Photometric (%)	0683	0.74500	0.01000	0.74043	0.02368	0.01846	33	0.19	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.74895	0.00450	0.74043	0.02368	0.01846	33	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.75000	0.00000	0.74043	0.02368	0.01846	33	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0552	0.75000	0.08000	0.74043	0.02368	0.01846	33	0.40	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.75000	0.00000	0.74043	0.02368	0.01846	33	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2006	0.75150	0.00500	0.74043	0.02368	0.01846	33	0.47	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.75755	0.02570	0.74043	0.02368	0.01846	33	0.72	1%	0
031.01	Phosphorus, Photometric (%)	0626	0.75850	0.03100	0.74043	0.02368	0.01846	33	0.76	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.76500	0.07000	0.74043	0.02368	0.01846	33	1.04	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.76550	0.01300	0.74043	0.02368	0.01846	33	1.06	2%	0
031.01	Phosphorus, Photometric (%)	0609	0.77000	0.02000	0.74043	0.02368	0.01846	33	1.25	2%	0
031.01	Phosphorus, Photometric (%)	0175	0.77500	0.01000	0.74043	0.02368	0.01846	33	1.46	2%	0
031.01	Phosphorus, Photometric (%)	0511	0.77500	0.03000	0.74043	0.02368	0.01846	33	1.46	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.78000	0.00000	0.74043	0.02368	0.01846	33	1.67	3%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0722	1.2105	0.00430	0.74043	0.02368	0.01846	33	19.85	32%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.75750	0.00500				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.76000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.77000	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.75000	0.00000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.75350	0.01700				3			0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.75660	0.00600				3			0
031.06	Phosphorus, Hach Method (%)	0536	0.59500	0.01000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.67250	0.04500	0.74196	0.03221	0.01236	28	-2.16	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.69000	0.04000	0.74196	0.03221	0.01236	28	-1.61	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.70300	0.00200	0.74196	0.03221	0.01236	28	-1.21	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.70900	0.00200	0.74196	0.03221	0.01236	28	-1.02	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.71000	0.02000	0.74196	0.03221	0.01236	28	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.71000	0.00000	0.74196	0.03221	0.01236	28	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.71500	0.03000	0.74196	0.03221	0.01236	28	-0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.71800	0.00200	0.74196	0.03221	0.01236	28	-0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.72500	0.01000	0.74196	0.03221	0.01236	28	-0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.72640	0.01100	0.74196	0.03221	0.01236	28	-0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.72810	0.00080	0.74196	0.03221	0.01236	28	-0.43	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.73500	0.01000	0.74196	0.03221	0.01236	28	-0.22	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.74500	0.03000	0.74196	0.03221	0.01236	28	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.74850	0.00300	0.74196	0.03221	0.01236	28	0.20	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.75000	0.00000	0.74196	0.03221	0.01236	28	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.75000	0.02000	0.74196	0.03221	0.01236	28	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.75000	0.00000	0.74196	0.03221	0.01236	28	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.75100	0.03200	0.74196	0.03221	0.01236	28	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.75500	0.01000	0.74196	0.03221	0.01236	28	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.75500	0.01000	0.74196	0.03221	0.01236	28	0.40	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.76000	0.02000	0.74196	0.03221	0.01236	28	0.56	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.77000	0.00000	0.74196	0.03221	0.01236	28	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.77000	0.00000	0.74196	0.03221	0.01236	28	0.87	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.77200	0.00800	0.74196	0.03221	0.01236	28	0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.77500	0.01000	0.74196	0.03221	0.01236	28	1.03	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.77605	0.00030	0.74196	0.03221	0.01236	28	1.06	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.79400	0.01000	0.74196	0.03221	0.01236	28	1.62	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.81000	0.02000	0.74196	0.03221	0.01236	28	2.11	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.76300	0.09600	0.74196	0.03221	0.01236	28	0.65	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.67500	0.01000	0.74734	0.04705	0.02684	22	-1.54	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.68820	0.02860	0.74734	0.04705	0.02684	22	-1.26	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.70500	0.05000	0.74734	0.04705	0.02684	22	-0.90	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.71030	0.01880	0.74734	0.04705	0.02684	22	-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	
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.71250	0.08500	0.74734	0.04705	0.02684	22	-0.74	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.71545	0.00310	0.74734	0.04705	0.02684	22	-0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.71550	0.02500	0.74734	0.04705	0.02684	22	-0.68	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.72030	0.00280	0.74734	0.04705	0.02684	22	-0.57	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.73000	0.10000	0.74734	0.04705	0.02684	22	-0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.73500	0.01000	0.74734	0.04705	0.02684	22	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.73500	0.05000	0.74734	0.04705	0.02684	22	-0.26	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.74995	0.02450	0.74734	0.04705	0.02684	22	0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.75450	0.00300	0.74734	0.04705	0.02684	22	0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.75470	0.00520	0.74734	0.04705	0.02684	22	0.16	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.76050	0.04100	0.74734	0.04705	0.02684	22	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.76300	0.05200	0.74734	0.04705	0.02684	22	0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.78000	0.02000	0.74734	0.04705	0.02684	22	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.79340	0.00320	0.74734	0.04705	0.02684	22	0.98	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.79550	0.02500	0.74734	0.04705	0.02684	22	1.02	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.81000	0.02000	0.74734	0.04705	0.02684	22	1.33	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.82435	0.00870	0.74734	0.04705	0.02684	22	1.64	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.85480	0.00460	0.74734	0.04705	0.02684	22	2.28	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.65500	0.05000	0.75764	0.03962	0.01776	26	-2.59	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.67300	0.00600	0.75764	0.03962	0.01776	26	-2.14	6%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.68500	0.01000	0.75764	0.03962	0.01776	26	-1.83	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.71000	0.00000	0.75764	0.03962	0.01776	26	-1.20	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.72650	0.01900	0.75764	0.03962	0.01776	26	-0.79	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.73000	0.00000	0.75764	0.03962	0.01776	26	-0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.73750	0.01900	0.75764	0.03962	0.01776	26	-0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.73900	0.00400	0.75764	0.03962	0.01776	26	-0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.74750	0.03100	0.75764	0.03962	0.01776	26	-0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.75000	0.01000	0.75764	0.03962	0.01776	26	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.75000	0.00000	0.75764	0.03962	0.01776	26	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.75000	0.00000	0.75764	0.03962	0.01776	26	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.75350	0.00100	0.75764	0.03962	0.01776	26	-0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.75500	0.01000	0.75764	0.03962	0.01776	26	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.76000	0.02000	0.75764	0.03962	0.01776	26	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.76000	0.04000	0.75764	0.03962	0.01776	26	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.77805	0.00110	0.75764	0.03962	0.01776	26	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.77900	0.00800	0.75764	0.03962	0.01776	26	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.78000	0.02000	0.75764	0.03962	0.01776	26	0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	0.78500	0.01000	0.75764	0.03962	0.01776	26	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.78500	0.05000	0.75764	0.03962	0.01776	26	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.79200	0.03800	0.75764	0.03962	0.01776	26	0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.80000	0.04000	0.75764	0.03962	0.01776	26	1.07	3%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0964	0.80175	0.02630	0.75764	0.03962	0.01776	26	1.11	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.81815	0.03830	0.75764	0.03962	0.01776	26	1.53	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.82500	0.01000	0.75764	0.03962	0.01776	26	1.70	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.72100	0.10600	0.75764	0.03962	0.01776	26	-0.92	2%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.75350	0.00300				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0039	0.76850	0.01300				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.75630	0.05380				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.83650	0.06000				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0034	0.78870	0.03280				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	8,440.0	400.00				2			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.61500	0.01000	0.69467	0.06261	0.01000	6	-1.27	6%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.63300	0.01000	0.69467	0.06261	0.01000	6	-0.98	4%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.72500	0.01000	0.69467	0.06261	0.01000	6	0.48	2%	0
031.99	Phosphorus, Miscellaneous (%)	2144	0.72500	0.01000	0.69467	0.06261	0.01000	6	0.48	2%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.73500	0.01000	0.69467	0.06261	0.01000	6	0.64	3%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.73500	0.01000	0.69467	0.06261	0.01000	6	0.64	3%	0
032.02	Potassium, Flame Emission (%)	0504	1.0600	0.00000				1			0
032.31	Potassium, AAS, Dry ash (%)	0563	0.92425	0.02950	1.0414	0.05801	0.02175	18	-2.02	6%	0
032.31	Potassium, AAS, Dry ash (%)	0683	0.97500	0.01000	1.0414	0.05801	0.02175	18	-1.14	3%	0
032.31	Potassium, AAS, Dry ash (%)	2022	0.99300	0.00600	1.0414	0.05801	0.02175	18	-0.83	2%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.99500	0.01000	1.0414	0.05801	0.02175	18	-0.80	2%	0
032.31	Potassium, AAS, Dry ash (%)	0638	0.99500	0.01000	1.0414	0.05801	0.02175	18	-0.80	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.0050	0.01000	1.0414	0.05801	0.02175	18	-0.63	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.0250	0.01000	1.0414	0.05801	0.02175	18	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.0250	0.03000	1.0414	0.05801	0.02175	18	-0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.0350	0.05000	1.0414	0.05801	0.02175	18	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.0493	0.01950	1.0414	0.05801	0.02175	18	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.0500	0.08000	1.0414	0.05801	0.02175	18	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.0500	0.00000	1.0414	0.05801	0.02175	18	0.15	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.0550	0.01000	1.0414	0.05801	0.02175	18	0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.0863	0.02650	1.0414	0.05801	0.02175	18	0.77	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.0900	0.00000	1.0414	0.05801	0.02175	18	0.84	2%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.1050	0.05000	1.0414	0.05801	0.02175	18	1.10	3%	0
032.31	Potassium, AAS, Dry ash (%)	2053	1.1550	0.01000	1.0414	0.05801	0.02175	18	1.96	5%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.4350	0.03000	1.0414	0.05801	0.02175	18	6.79	19%	0
032.32	Potassium, AAS, Open vessel (%)	0609	0.99000	0.02000				2			0
032.32	Potassium, AAS, Open vessel (%)	0035	1.0900	0.04000				2			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.73500	0.01000	1.0423	0.05649	0.01993	24	-5.44	15%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.97500	0.05000	1.0423	0.05649	0.01993	24	-1.19	3%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.98000	0.02000	1.0423	0.05649	0.01993	24	-1.10	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.98950	0.04100	1.0423	0.05649	0.01993	24	-0.93	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0619	0.99100	0.00200	1.0423	0.05649	0.01993	24	-0.91	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.99725	0.01350	1.0423	0.05649	0.01993	24	-0.80	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.0100	0.00000	1.0423	0.05649	0.01993	24	-0.57	2%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.0150	0.01000	1.0423	0.05649	0.01993	24	-0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.0150	0.03000	1.0423	0.05649	0.01993	24	-0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.0150	0.03000	1.0423	0.05649	0.01993	24	-0.48	1%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.0250	0.03000	1.0423	0.05649	0.01993	24	-0.31	1%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.0441	0.01050	1.0423	0.05649	0.01993	24	0.03	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.0450	0.01000	1.0423	0.05649	0.01993	24	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.0490	0.05200	1.0423	0.05649	0.01993	24	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.0500	0.00000	1.0423	0.05649	0.01993	24	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.0550	0.09000	1.0423	0.05649	0.01993	24	0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.0750	0.01000	1.0423	0.05649	0.01993	24	0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.0796	0.00630	1.0423	0.05649	0.01993	24	0.66	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.0800	0.00000	1.0423	0.05649	0.01993	24	0.67	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.0900	0.00000	1.0423	0.05649	0.01993	24	0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.1085	0.01300	1.0423	0.05649	0.01993	24	1.17	3%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1.1150	0.01000	1.0423	0.05649	0.01993	24	1.29	3%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.1400	0.02000	1.0423	0.05649	0.01993	24	1.73	5%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.1600	0.02000	1.0423	0.05649	0.01993	24	2.08	6%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.99500	0.25000	1.0423	0.05649	0.01993	24	-0.84	2%	1
032.42	Potassium, ICP, Open vessel (%)	0042	1.0085	0.02300	1.0870	0.05978	0.02513	19	-1.31	4%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.0300	0.00000	1.0870	0.05978	0.02513	19	-0.95	3%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.0405	0.03500	1.0870	0.05978	0.02513	19	-0.78	2%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.0449	0.02980	1.0870	0.05978	0.02513	19	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.0450	0.01000	1.0870	0.05978	0.02513	19	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.0500	0.06000	1.0870	0.05978	0.02513	19	-0.62	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.0550	0.05000	1.0870	0.05978	0.02513	19	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0600	0.00000	1.0870	0.05978	0.02513	19	-0.45	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.0650	0.01000	1.0870	0.05978	0.02513	19	-0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.0700	0.04000	1.0870	0.05978	0.02513	19	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.0815	0.00500	1.0870	0.05978	0.02513	19	-0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.0847	0.00220	1.0870	0.05978	0.02513	19	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.0893	0.01000	1.0870	0.05978	0.02513	19	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.1080	0.03600	1.0870	0.05978	0.02513	19	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.1420	0.01140	1.0870	0.05978	0.02513	19	0.92	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.1545	0.00500	1.0870	0.05978	0.02513	19	1.13	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.1700	0.04000	1.0870	0.05978	0.02513	19	1.39	4%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.1850	0.03000	1.0870	0.05978	0.02513	19	1.64	5%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.2000	0.08000	1.0870	0.05978	0.02513	19	1.89	5%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.79500	0.01000	1.0564	0.05369	0.03184	24	-4.87	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.43	Potassium, ICP, Microwave (%)	0032	0.88500	0.05000	1.0564	0.05369	0.03184	24	-3.19	8%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.0000	0.00000	1.0564	0.05369	0.03184	24	-1.05	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.0005	0.05300	1.0564	0.05369	0.03184	24	-1.04	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.0129	0.00710	1.0564	0.05369	0.03184	24	-0.81	2%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.0150	0.01000	1.0564	0.05369	0.03184	24	-0.77	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.0300	0.02000	1.0564	0.05369	0.03184	24	-0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.0400	0.02000	1.0564	0.05369	0.03184	24	-0.30	1%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.0450	0.01000	1.0564	0.05369	0.03184	24	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.0450	0.05000	1.0564	0.05369	0.03184	24	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.0450	0.03000	1.0564	0.05369	0.03184	24	-0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.0500	0.02000	1.0564	0.05369	0.03184	24	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.0500	0.00000	1.0564	0.05369	0.03184	24	-0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.0600	0.02000	1.0564	0.05369	0.03184	24	0.07	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.0650	0.01000	1.0564	0.05369	0.03184	24	0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.0650	0.07000	1.0564	0.05369	0.03184	24	0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.0750	0.01000	1.0564	0.05369	0.03184	24	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.0750	0.03000	1.0564	0.05369	0.03184	24	0.35	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.1025	0.15500	1.0564	0.05369	0.03184	24	0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.1050	0.05000	1.0564	0.05369	0.03184	24	0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.1220	0.00200	1.0564	0.05369	0.03184	24	1.22	3%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.1265	0.02700	1.0564	0.05369	0.03184	24	1.31	3%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.1350	0.01000	1.0564	0.05369	0.03184	24	1.46	4%	0
032.43	Potassium, ICP, Microwave (%)	2033	1.1900	0.10000	1.0564	0.05369	0.03184	24	2.49	6%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.1100	0.18000	1.0564	0.05369	0.03184	24	1.00	3%	1
032.44	Potassium, ICP, Dry ash (%)	2004	1.0400	0.00000				2			0
032.44	Potassium, ICP, Dry ash (%)	0039	1.0870	0.00200				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.1099	0.00860				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.1197	0.04710				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0034	1.1020	0.00600				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	1.1500	0.06000				2			0
032.99	Potassium, Miscellaneous (%)	0889	0.94350	0.00100				3			0
032.99	Potassium, Miscellaneous (%)	0100	1.0400	0.02000				3			0
032.99	Potassium, Miscellaneous (%)	0242	1.1100	0.00000				3			0
033.00	Salt as chloride, Sol Cl (%)	0511	0.36500	0.03000	0.44955	0.04371	0.01194	18	-1.93	9%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.38985	0.00010	0.44955	0.04371	0.01194	18	-1.37	7%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.41125	0.01190	0.44955	0.04371	0.01194	18	-0.88	4%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.41500	0.01000	0.44955	0.04371	0.01194	18	-0.79	4%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.42000	0.02000	0.44955	0.04371	0.01194	18	-0.68	3%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.43000	0.01000	0.44955	0.04371	0.01194	18	-0.45	2%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.44000	0.02000	0.44955	0.04371	0.01194	18	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0171	0.44500	0.01000	0.44955	0.04371	0.01194	18	-0.10	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0353	0.44500	0.01000	0.44955	0.04371	0.01194	18	-0.10	1%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.45000	0.02000	0.44955	0.04371	0.01194	18	0.01	0%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.45365	0.00470	0.44955	0.04371	0.01194	18	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.45500	0.01000	0.44955	0.04371	0.01194	18	0.12	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.46770	0.00280	0.44955	0.04371	0.01194	18	0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.47000	0.02000	0.44955	0.04371	0.01194	18	0.47	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.48035	0.01550	0.44955	0.04371	0.01194	18	0.70	3%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.51000	0.02000	0.44955	0.04371	0.01194	18	1.38	7%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.51000	0.00000	0.44955	0.04371	0.01194	18	1.38	7%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.52000	0.00000	0.44955	0.04371	0.01194	18	1.61	8%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.32800	0.00200	0.48172	0.01446	0.00658	32	-10.63	16%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.37050	0.00500	0.48172	0.01446	0.00658	32	-7.69	12%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.46000	0.02000	0.48172	0.01446	0.00658	32	-1.50	2%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.46500	0.03000	0.48172	0.01446	0.00658	32	-1.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0011	0.46985	0.00810	0.48172	0.01446	0.00658	32	-0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.47000	0.02000	0.48172	0.01446	0.00658	32	-0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.47000	0.00000	0.48172	0.01446	0.00658	32	-0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.47000	0.00000	0.48172	0.01446	0.00658	32	-0.81	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.47500	0.01000	0.48172	0.01446	0.00658	32	-0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	0.47500	0.01000	0.48172	0.01446	0.00658	32	-0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.47500	0.01000	0.48172	0.01446	0.00658	32	-0.46	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.47600	0.00000	0.48172	0.01446	0.00658	32	-0.40	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.47850	0.00000	0.48172	0.01446	0.00658	32	-0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.47900	0.00200	0.48172	0.01446	0.00658	32	-0.19	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.48000	0.00000	0.48172	0.01446	0.00658	32	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.48000	0.00000	0.48172	0.01446	0.00658	32	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.48000	0.00000	0.48172	0.01446	0.00658	32	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	0.48000	0.02000	0.48172	0.01446	0.00658	32	-0.12	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.48500	0.01000	0.48172	0.01446	0.00658	32	0.23	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.48550	0.00700	0.48172	0.01446	0.00658	32	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.48550	0.00100	0.48172	0.01446	0.00658	32	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.49000	0.00000	0.48172	0.01446	0.00658	32	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.49000	0.00000	0.48172	0.01446	0.00658	32	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.49000	0.00000	0.48172	0.01446	0.00658	32	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.49000	0.00000	0.48172	0.01446	0.00658	32	0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.49500	0.01000	0.48172	0.01446	0.00658	32	0.92	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.49500	0.01000	0.48172	0.01446	0.00658	32	0.92	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	0.49540	0.00960	0.48172	0.01446	0.00658	32	0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.50000	0.00000	0.48172	0.01446	0.00658	32	1.26	2%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.50500	0.01000	0.48172	0.01446	0.00658	32	1.61	2%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.52200	0.01600	0.48172	0.01446	0.00658	32	2.79	4%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0874	0.52800	0.00000	0.48172	0.01446	0.00658	32	3.20	5%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.44000	0.08000	0.48172	0.01446	0.00658	32	-2.88	4%	1
033.01	Salt as chloride, Poten Cl (%)	0229	4.6050	0.03000	0.48172	0.01446	0.00658	32	285.12	428%	2
033.03	Salt as chloride, Quantab (%)	0726	0.43000	0.02000	0.44700	0.01565	0.01400	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.44000	0.04000	0.44700	0.01565	0.01400	5			0
033.03	Salt as chloride, Quantab (%)	0265	0.44000	0.00000	0.44700	0.01565	0.01400	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.45500	0.01000	0.44700	0.01565	0.01400	5			0
033.03	Salt as chloride, Quantab (%)	0144	0.47000	0.00000	0.44700	0.01565	0.01400	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.44500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.46500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	0.51250	0.00300				3			0
033.99	Salt, Miscellaneous (%)	0536	0.26500	0.01000	0.40470	0.10819	0.02580	10	-1.29	17%	0
033.99	Salt, Miscellaneous (%)	0358	0.30500	0.07000	0.40470	0.10819	0.02580	10	-0.92	12%	0
033.99	Salt, Miscellaneous (%)	0552	0.34000	0.02000	0.40470	0.10819	0.02580	10	-0.60	8%	0
033.99	Salt, Miscellaneous (%)	2073	0.34500	0.01000	0.40470	0.10819	0.02580	10	-0.55	7%	0
033.99	Salt, Miscellaneous (%)	0017	0.35900	0.07600	0.40470	0.10819	0.02580	10	-0.42	6%	0
033.99	Salt, Miscellaneous (%)	0682	0.45000	0.00000	0.40470	0.10819	0.02580	10	0.42	6%	0
033.99	Salt, Miscellaneous (%)	0910	0.45000	0.00000	0.40470	0.10819	0.02580	10	0.42	6%	0
033.99	Salt, Miscellaneous (%)	0208	0.47300	0.01200	0.40470	0.10819	0.02580	10	0.63	8%	0
033.99	Salt, Miscellaneous (%)	2145	0.49500	0.01000	0.40470	0.10819	0.02580	10	0.83	11%	0
033.99	Salt, Miscellaneous (%)	2144	0.56500	0.05000	0.40470	0.10819	0.02580	10	1.48	20%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	0.39000	0.00000				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.45150	0.01900				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.37400	0.09200	0.43475	0.04248	0.03590	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.42000	0.00000	0.43475	0.04248	0.03590	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.43975	0.04750	0.43475	0.04248	0.03590	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.45000	0.04000	0.43475	0.04248	0.03590	5			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.49000	0.00000	0.43475	0.04248	0.03590	5			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.40250	0.02500				2			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0148	0.52000	0.00000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.39360	0.11420				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	0.43500	0.07000				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.46000	0.06000	0.47368	0.01525	0.04430	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.46620	0.09820	0.47368	0.01525	0.04430	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0560	0.47350	0.00700	0.47368	0.01525	0.04430	4			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.49500	0.01200	0.47368	0.01525	0.04430	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	0.39500	0.07000	0.56695	0.21448	0.06445	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.45850	0.08100	0.56695	0.21448	0.06445	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.53780	0.06780	0.56695	0.21448	0.06445	4			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0032	0.87650	0.03900	0.56695	0.21448	0.06445	4			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.16500	0.01000				2			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.01	Sodium, Ion-selective electrode (%)	2006	0.82550	1.3490				2			0
035.05	Sodium, Flame Emission (%)	0504	0.15000	0.00000				2			0
035.05	Sodium, Flame Emission (%)	0108	0.20000	0.02000				2			0
035.31	Sodium, AAS, Dry ash (%)	0175	0.05500	0.01000	0.15675	0.02177	0.00851	18	-4.67	32%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.12550	0.00700	0.15675	0.02177	0.00851	18	-1.44	10%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.14000	0.00800	0.15675	0.02177	0.00851	18	-0.77	5%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.14120	0.00280	0.15675	0.02177	0.00851	18	-0.71	5%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.14500	0.01000	0.15675	0.02177	0.00851	18	-0.54	4%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.14500	0.01000	0.15675	0.02177	0.00851	18	-0.54	4%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.15000	0.00000	0.15675	0.02177	0.00851	18	-0.31	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.15100	0.00000	0.15675	0.02177	0.00851	18	-0.26	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.15250	0.01500	0.15675	0.02177	0.00851	18	-0.20	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.15950	0.01300	0.15675	0.02177	0.00851	18	0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.16000	0.00000	0.15675	0.02177	0.00851	18	0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.16000	0.00000	0.15675	0.02177	0.00851	18	0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.16000	0.00000	0.15675	0.02177	0.00851	18	0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.17500	0.02000	0.15675	0.02177	0.00851	18	0.84	6%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.17540	0.00120	0.15675	0.02177	0.00851	18	0.86	6%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.17855	0.00310	0.15675	0.02177	0.00851	18	1.00	7%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.24350	0.03300	0.15675	0.02177	0.00851	18	3.98	28%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.57000	0.02000	0.15675	0.02177	0.00851	18	18.98	132%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.14500	0.01000				2			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.15500	0.01000				2			0
035.33	Sodium, AAS, Microwave (%)	0300	0.16050	0.01100				1			0
035.41	Sodium, ICP, Dry ash (%)	0358	0.12000	0.02000	0.15474	0.01204	0.00930	26	-2.88	11%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.14050	0.01300	0.15474	0.01204	0.00930	26	-1.18	5%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.14450	0.00300	0.15474	0.01204	0.00930	26	-0.85	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.14500	0.01000	0.15474	0.01204	0.00930	26	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.14500	0.01000	0.15474	0.01204	0.00930	26	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.14500	0.01000	0.15474	0.01204	0.00930	26	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.14500	0.01000	0.15474	0.01204	0.00930	26	-0.81	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.14575	0.00870	0.15474	0.01204	0.00930	26	-0.75	3%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.14575	0.00990	0.15474	0.01204	0.00930	26	-0.75	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.15000	0.00000	0.15474	0.01204	0.00930	26	-0.39	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.15000	0.00000	0.15474	0.01204	0.00930	26	-0.39	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.15000	0.02000	0.15474	0.01204	0.00930	26	-0.39	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.15375	0.00110	0.15474	0.01204	0.00930	26	-0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.15400	0.01000	0.15474	0.01204	0.00930	26	-0.06	0%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.15500	0.01000	0.15474	0.01204	0.00930	26	0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.15500	0.01000	0.15474	0.01204	0.00930	26	0.02	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.16000	0.02000	0.15474	0.01204	0.00930	26	0.44	2%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0413	0.16000	0.00000	0.15474	0.01204	0.00930	26	0.44	2%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.16250	0.02900	0.15474	0.01204	0.00930	26	0.64	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.16300	0.00600	0.15474	0.01204	0.00930	26	0.69	3%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.16335	0.00010	0.15474	0.01204	0.00930	26	0.72	3%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.16500	0.01000	0.15474	0.01204	0.00930	26	0.85	3%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.17000	0.00000	0.15474	0.01204	0.00930	26	1.27	5%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.17500	0.01000	0.15474	0.01204	0.00930	26	1.68	7%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.18000	0.01800	0.15474	0.01204	0.00930	26	2.10	8%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.20150	0.00300	0.15474	0.01204	0.00930	26	3.88	15%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.14000	0.00000	0.15019	0.00952	0.00484	17	-1.07	3%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.14000	0.00000	0.15019	0.00952	0.00484	17	-1.07	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.14150	0.00900	0.15019	0.00952	0.00484	17	-0.91	3%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.14215	0.00010	0.15019	0.00952	0.00484	17	-0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.14420	0.00120	0.15019	0.00952	0.00484	17	-0.63	2%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.14500	0.00400	0.15019	0.00952	0.00484	17	-0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.14500	0.01000	0.15019	0.00952	0.00484	17	-0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.14650	0.00100	0.15019	0.00952	0.00484	17	-0.39	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.14815	0.01170	0.15019	0.00952	0.00484	17	-0.21	1%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.14950	0.00300	0.15019	0.00952	0.00484	17	-0.07	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.15000	0.02000	0.15019	0.00952	0.00484	17	-0.02	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.15500	0.01000	0.15019	0.00952	0.00484	17	0.51	2%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.15800	0.00800	0.15019	0.00952	0.00484	17	0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.15880	0.00080	0.15019	0.00952	0.00484	17	0.91	3%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.16045	0.00350	0.15019	0.00952	0.00484	17	1.08	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.17000	0.00000	0.15019	0.00952	0.00484	17	2.08	7%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.18000	0.00000	0.15019	0.00952	0.00484	17	3.13	10%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.12500	0.01000	0.14640	0.01338	0.00864	22	-1.60	7%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.13000	0.00000	0.14640	0.01338	0.00864	22	-1.23	6%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.13350	0.00100	0.14640	0.01338	0.00864	22	-0.96	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.13350	0.00300	0.14640	0.01338	0.00864	22	-0.96	4%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.13500	0.03000	0.14640	0.01338	0.00864	22	-0.85	4%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.13750	0.00700	0.14640	0.01338	0.00864	22	-0.67	3%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.13950	0.00300	0.14640	0.01338	0.00864	22	-0.52	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.14000	0.00000	0.14640	0.01338	0.00864	22	-0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.14100	0.03000	0.14640	0.01338	0.00864	22	-0.40	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.14500	0.01000	0.14640	0.01338	0.00864	22	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.14500	0.01000	0.14640	0.01338	0.00864	22	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.14650	0.00300	0.14640	0.01338	0.00864	22	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.15000	0.00000	0.14640	0.01338	0.00864	22	0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.15000	0.02000	0.14640	0.01338	0.00864	22	0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.15000	0.02000	0.14640	0.01338	0.00864	22	0.27	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	2089	0.15000	0.02000	0.14640	0.01338	0.00864	22	0.27	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.15100	0.00000	0.14640	0.01338	0.00864	22	0.34	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.15800	0.01000	0.14640	0.01338	0.00864	22	0.87	4%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.15950	0.00100	0.14640	0.01338	0.00864	22	0.98	4%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.17000	0.00200	0.14640	0.01338	0.00864	22	1.76	8%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.20500	0.01000	0.14640	0.01338	0.00864	22	4.38	20%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.25000	0.00000	0.14640	0.01338	0.00864	22	7.75	35%	0
035.43	Sodium, ICP, Microwave (%)	2033	1.6700	0.16000	0.14640	0.01338	0.00864	22	113.91	520%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.15720	0.01200				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.17425	0.00570				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.14700	0.00400				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0034	0.14950	0.00620				2			0
035.99	Sodium, Miscellaneous (%)	0242	0.14000	0.00000	0.15013	0.00817	0.00025	4			0
035.99	Sodium, Miscellaneous (%)	0100	0.15000	0.00000	0.15013	0.00817	0.00025	4			0
035.99	Sodium, Miscellaneous (%)	0039	0.15050	0.00100	0.15013	0.00817	0.00025	4			0
035.99	Sodium, Miscellaneous (%)	0590	0.16000	0.00000	0.15013	0.00817	0.00025	4			0
035.99	Sodium, Miscellaneous (%)	0889	0.13500	0.07000	0.15013	0.00817	0.00025	4			1
036.04	Sulfur, LECO (%)	0229	0.33500	0.01000				3			0
036.04	Sulfur, LECO (%)	2053	0.34500	0.01000				3			0
036.04	Sulfur, LECO (%)	0226	0.41000	0.02000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.31650	0.01300	0.34909	0.02697	0.00910	15	-1.21	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.31655	0.00030	0.34909	0.02697	0.00910	15	-1.21	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.32500	0.01000	0.34909	0.02697	0.00910	15	-0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.33000	0.02000	0.34909	0.02697	0.00910	15	-0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.33450	0.00100	0.34909	0.02697	0.00910	15	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.33650	0.00500	0.34909	0.02697	0.00910	15	-0.47	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.34205	0.00410	0.34909	0.02697	0.00910	15	-0.26	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.34500	0.01000	0.34909	0.02697	0.00910	15	-0.15	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.34685	0.00290	0.34909	0.02697	0.00910	15	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.35900	0.00200	0.34909	0.02697	0.00910	15	0.37	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.36300	0.01740	0.34909	0.02697	0.00910	15	0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.37165	0.00050	0.34909	0.02697	0.00910	15	0.84	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.37525	0.00030	0.34909	0.02697	0.00910	15	0.97	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.38500	0.03000	0.34909	0.02697	0.00910	15	1.33	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.39000	0.02000	0.34909	0.02697	0.00910	15	1.52	6%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.28000	0.02000	0.34985	0.02248	0.01302	13	-3.11	10%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.31500	0.01000	0.34985	0.02248	0.01302	13	-1.55	5%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.33275	0.01050	0.34985	0.02248	0.01302	13	-0.76	2%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.34350	0.00300	0.34985	0.02248	0.01302	13	-0.28	1%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.34400	0.02600	0.34985	0.02248	0.01302	13	-0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.35000	0.02000	0.34985	0.02248	0.01302	13	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0918	0.35100	0.00600	0.34985	0.02248	0.01302	13	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.35250	0.00700	0.34985	0.02248	0.01302	13	0.12	0%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.36000	0.00000	0.34985	0.02248	0.01302	13	0.45	1%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.36195	0.04950	0.34985	0.02248	0.01302	13	0.54	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.36750	0.00100	0.34985	0.02248	0.01302	13	0.79	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.36905	0.01630	0.34985	0.02248	0.01302	13	0.85	3%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.39000	0.00000	0.34985	0.02248	0.01302	13	1.79	6%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.38925	0.00370				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	3,529.0	88.000				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.34500	0.01000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.39600	0.00400				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	89.330	0.00000	112.87	10.426	2.8660	16	-2.26	10%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	97.950	1.7000	112.87	10.426	2.8660	16	-1.43	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2097	104.00	4.0000	112.87	10.426	2.8660	16	-0.85	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	104.41	2.1900	112.87	10.426	2.8660	16	-0.81	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0638	107.00	10.000	112.87	10.426	2.8660	16	-0.56	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	110.44	2.7200	112.87	10.426	2.8660	16	-0.23	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	110.50	1.0000	112.87	10.426	2.8660	16	-0.23	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	112.65	2.5000	112.87	10.426	2.8660	16	-0.02	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	114.16	4.1462	112.87	10.426	2.8660	16	0.12	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	115.50	1.0000	112.87	10.426	2.8660	16	0.25	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2022	116.50	1.0000	112.87	10.426	2.8660	16	0.35	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	119.50	5.0000	112.87	10.426	2.8660	16	0.64	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	121.00	2.0000	112.87	10.426	2.8660	16	0.78	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	121.05	0.12000	112.87	10.426	2.8660	16	0.78	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	125.56	4.4800	112.87	10.426	2.8660	16	1.22	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	140.00	4.0000	112.87	10.426	2.8660	16	2.60	12%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	2,348.5	3.5000	112.87	10.426	2.8660	16	214.44	990%	2
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	115.90	2.6000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	136.50	13.000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	157.50	5.0000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	100.66	1.6800				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	139.25	1.6520				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	14.415	0.41000	114.70	9.0553	3.4403	22	-11.07	44%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	78.500	0.20000	114.70	9.0553	3.4403	22	-4.00	16%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	99.950	2.1000	114.70	9.0553	3.4403	22	-1.63	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	105.13	2.7100	114.70	9.0553	3.4403	22	-1.06	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	110.02	1.2400	114.70	9.0553	3.4403	22	-0.52	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2145	110.22	0.53000	114.70	9.0553	3.4403	22	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	110.50	3.0000	114.70	9.0553	3.4403	22	-0.46	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	112.50	1.0000	114.70	9.0553	3.4403	22	-0.24	1%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	112.85	11.900	114.70	9.0553	3.4403	22	-0.20	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	113.50	0.60000	114.70	9.0553	3.4403	22	-0.13	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	114.00	0.00000	114.70	9.0553	3.4403	22	-0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	115.00	4.0000	114.70	9.0553	3.4403	22	0.03	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	116.70	4.3700	114.70	9.0553	3.4403	22	0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	117.50	3.2000	114.70	9.0553	3.4403	22	0.31	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	118.05	3.5000	114.70	9.0553	3.4403	22	0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	118.15	6.1000	114.70	9.0553	3.4403	22	0.38	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	121.58	1.4668	114.70	9.0553	3.4403	22	0.76	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	122.05	2.7000	114.70	9.0553	3.4403	22	0.81	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	123.15	1.5000	114.70	9.0553	3.4403	22	0.93	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	124.53	5.3300	114.70	9.0553	3.4403	22	1.09	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	126.50	5.0000	114.70	9.0553	3.4403	22	1.30	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	128.14	14.830	114.70	9.0553	3.4403	22	1.48	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	178.00	72.000	114.70	9.0553	3.4403	22	6.99	28%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	87.300	4.0600	114.78	14.523	3.8132	19	-1.89	12%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	89.575	0.01000	114.78	14.523	3.8132	19	-1.74	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	101.05	1.1000	114.78	14.523	3.8132	19	-0.95	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0263	101.54	2.0234	114.78	14.523	3.8132	19	-0.91	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	102.80	4.4000	114.78	14.523	3.8132	19	-0.82	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	109.00	0.00000	114.78	14.523	3.8132	19	-0.40	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	109.00	4.0000	114.78	14.523	3.8132	19	-0.40	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	112.08	9.7600	114.78	14.523	3.8132	19	-0.19	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	112.15	6.5000	114.78	14.523	3.8132	19	-0.18	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	114.72	0.69050	114.78	14.523	3.8132	19	0.00	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	117.97	1.6700	114.78	14.523	3.8132	19	0.22	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	119.55	1.9000	114.78	14.523	3.8132	19	0.33	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	120.50	3.0000	114.78	14.523	3.8132	19	0.39	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	121.00	13.200	114.78	14.523	3.8132	19	0.43	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	125.22	1.9370	114.78	14.523	3.8132	19	0.72	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	130.00	10.000	114.78	14.523	3.8132	19	1.05	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	131.75	0.30000	114.78	14.523	3.8132	19	1.17	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	132.50	1.0000	114.78	14.523	3.8132	19	1.22	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	133.95	6.9000	114.78	14.523	3.8132	19	1.32	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	260.00	82.000	114.78	14.523	3.8132	19	10.00	63%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	104.00	12.000	114.29	8.6681	6.2676	22	-1.19	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0017	104.23	1.5680	114.29	8.6681	6.2676	22	-1.16	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	104.50	1.0000	114.29	8.6681	6.2676	22	-1.13	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	104.85	1.9000	114.29	8.6681	6.2676	22	-1.09	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	105.22	4.2300	114.29	8.6681	6.2676	22	-1.05	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	109.00	4.0000	114.29	8.6681	6.2676	22	-0.61	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	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	109.99	2.9900	114.29	8.6681	6.2676	22	-0.50	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	110.00	0.00000	114.29	8.6681	6.2676	22	-0.49	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	110.50	17.000	114.29	8.6681	6.2676	22	-0.44	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	111.50	9.0000	114.29	8.6681	6.2676	22	-0.32	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	112.29	0.00000	114.29	8.6681	6.2676	22	-0.23	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	114.17	2.0600	114.29	8.6681	6.2676	22	-0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	116.00	4.0000	114.29	8.6681	6.2676	22	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	116.00	0.00000	114.29	8.6681	6.2676	22	0.20	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	118.75	19.900	114.29	8.6681	6.2676	22	0.51	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	119.06	7.0700	114.29	8.6681	6.2676	22	0.55	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	120.42	5.4580	114.29	8.6681	6.2676	22	0.71	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	121.50	9.0000	114.29	8.6681	6.2676	22	0.83	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	123.00	4.0000	114.29	8.6681	6.2676	22	1.01	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	125.00	8.0000	114.29	8.6681	6.2676	22	1.24	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	127.09	15.712	114.29	8.6681	6.2676	22	1.48	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	141.50	9.0000	114.29	8.6681	6.2676	22	3.14	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	122.00	32.000	114.29	8.6681	6.2676	22	0.89	3%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0039	113.58	1.9620				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	115.47	0.07000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	84.700	2.8000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	96.611	1.8300				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	100.00	2.0000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	130.00	12.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	100.00	0.00000	113.22	13.624	3.7383	6	-0.97	6%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2144	101.15	0.03000	113.22	13.624	3.7383	6	-0.89	5%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	112.00	4.0000	113.22	13.624	3.7383	6	-0.09	1%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	114.20	8.4000	113.22	13.624	3.7383	6	0.07	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	120.00	2.0000	113.22	13.624	3.7383	6	0.50	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	132.00	8.0000	113.22	13.624	3.7383	6	1.38	8%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	1.8400	0.00000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	2.1500	0.10000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	1.8514	0.32060	2.0766	0.23568	0.19265	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	1.9300	0.02000	2.0766	0.23568	0.19265	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	2.1500	0.08000	2.0766	0.23568	0.19265	4			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	2.3750	0.35000	2.0766	0.23568	0.19265	4			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	1.5750	0.15000	1.8912	0.26867	0.12104	7	-1.18	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	1.6000	0.20000	1.8912	0.26867	0.12104	7	-1.08	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	1.8619	0.09210	1.8912	0.26867	0.12104	7	-0.11	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	1.8890	0.07000	1.8912	0.26867	0.12104	7	-0.01	0%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	2.0126	0.07520	1.8912	0.26867	0.12104	7	0.45	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.1150	0.01000	1.8912	0.26867	0.12104	7	0.83	6%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	2.1850	0.25000	1.8912	0.26867	0.12104	7	1.09	8%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0910	1.9100	0.18000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0186	2.1113	0.25330				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	1.4140	0.62400				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	2055	2.1400	0.06000				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	2.1807	0.02490				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	13.230	0.18000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	12.930	0.03190				1			0
042.00	Chloride, Titrimetric (%)	0948	0.29500	0.01000				3			0
042.00	Chloride, Titrimetric (%)	0186	0.31250	0.01060				3			0
042.00	Chloride, Titrimetric (%)	0297	0.33000	0.02000				3			0
042.02	Chloride, Ion Chromatography (%)	0413	0.31500	0.01000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,170.0	100.00				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	801.50	87.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	0939	1,572.0	118.00				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	1,190.0	136.00				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	108.00	8.0000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0675	23.390	0.24000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	16.500	1.4000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	18.950	0.90000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	13.650	0.10000				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	13.660	1.0000				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	18.100	0.80000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	2.0005	0.30700				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	2.5100	0.20000				3			0
105.00	Thiamine, LC (mg / kg (ppm))	0629	3.4800	0.02000				3			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	6.3250	0.35000				1			0
106.00	Vitamin A, Color (KU / kg)	0019	26.930	0.59800				1			0
106.01	Vitamin A, UV (KU / kg)	0098	18.350	1.9000				1			0
106.02	Vitamin A, LC (KU / kg)	2053	5.2900	0.42000	16.769	2.9111	1.1638	22	-3.94	34%	0
106.02	Vitamin A, LC (KU / kg)	0035	12.125	0.23000	16.769	2.9111	1.1638	22	-1.60	14%	0
106.02	Vitamin A, LC (KU / kg)	0905	14.258	0.91800	16.769	2.9111	1.1638	22	-0.86	7%	0
106.02	Vitamin A, LC (KU / kg)	0689	14.850	0.10000	16.769	2.9111	1.1638	22	-0.66	6%	0
106.02	Vitamin A, LC (KU / kg)	0910	14.850	1.1000	16.769	2.9111	1.1638	22	-0.66	6%	0
106.02	Vitamin A, LC (KU / kg)	0227	15.500	0.40000	16.769	2.9111	1.1638	22	-0.44	4%	0
106.02	Vitamin A, LC (KU / kg)	2103	15.520	2.4000	16.769	2.9111	1.1638	22	-0.43	4%	0
106.02	Vitamin A, LC (KU / kg)	2004	15.750	1.3000	16.769	2.9111	1.1638	22	-0.35	3%	0
106.02	Vitamin A, LC (KU / kg)	0003	15.885	1.1700	16.769	2.9111	1.1638	22	-0.30	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	16.113	0.87400	16.769	2.9111	1.1638	22	-0.23	2%	0
106.02	Vitamin A, LC (KU / kg)	0676	16.200	0.80000	16.769	2.9111	1.1638	22	-0.20	2%	0
106.02	Vitamin A, LC (KU / kg)	0004	16.285	2.0300	16.769	2.9111	1.1638	22	-0.17	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
106.02	Vitamin A, LC (KU / kg)	0861	16.612	3.6200	16.769	2.9111	1.1638	22	-0.05	0%	0
106.02	Vitamin A, LC (KU / kg)	0208	16.722	0.68300	16.769	2.9111	1.1638	22	-0.02	0%	0
106.02	Vitamin A, LC (KU / kg)	0638	17.500	0.00000	16.769	2.9111	1.1638	22	0.25	2%	0
106.02	Vitamin A, LC (KU / kg)	0027	17.598	1.4176	16.769	2.9111	1.1638	22	0.29	2%	0
106.02	Vitamin A, LC (KU / kg)	0610	17.600	0.60000	16.769	2.9111	1.1638	22	0.29	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	18.320	0.76000	16.769	2.9111	1.1638	22	0.53	5%	0
106.02	Vitamin A, LC (KU / kg)	0014	21.650	3.9000	16.769	2.9111	1.1638	22	1.68	15%	0
106.02	Vitamin A, LC (KU / kg)	0675	26.070	2.0200	16.769	2.9111	1.1638	22	3.20	28%	0
106.02	Vitamin A, LC (KU / kg)	0038	26.220	0.86000	16.769	2.9111	1.1638	22	3.25	28%	0
106.02	Vitamin A, LC (KU / kg)	2066	52.300	0.00000	16.769	2.9111	1.1638	22	12.21	106%	0
106.02	Vitamin A, LC (KU / kg)	0017	22,488	1,343.0	16.769	2.9111	1.1638	22	7719.08	67004%	2
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	29.050	1.7000				1			0
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0160	102.75	6.5000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0676	3.8915	0.13700				1			0
108.02	Vitamin D3, LC (KU / kg)	0675	2.6500	0.28000	3.8580	1.0860	0.78800	5			0
108.02	Vitamin D3, LC (KU / kg)	0610	2.9500	0.50000	3.8580	1.0860	0.78800	5			0
108.02	Vitamin D3, LC (KU / kg)	0861	3.9000	1.1600	3.8580	1.0860	0.78800	5			0
108.02	Vitamin D3, LC (KU / kg)	0227	4.5200	0.82000	3.8580	1.0860	0.78800	5			0
108.02	Vitamin D3, LC (KU / kg)	0208	5.2700	1.1800	3.8580	1.0860	0.78800	5			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	4.1950	0.27000				1			0
109.02	Vitamin E, LC (IU/kg)	0905	35.500	1.0000	46.988	7.7782	1.9806	13	-1.48	12%	0
109.02	Vitamin E, LC (IU/kg)	2103	37.250	2.7000	46.988	7.7782	1.9806	13	-1.25	10%	0
109.02	Vitamin E, LC (IU/kg)	0208	41.591	0.27300	46.988	7.7782	1.9806	13	-0.69	6%	0
109.02	Vitamin E, LC (IU/kg)	0955	44.550	4.7000	46.988	7.7782	1.9806	13	-0.31	3%	0
109.02	Vitamin E, LC (IU/kg)	0610	44.750	3.5000	46.988	7.7782	1.9806	13	-0.29	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	45.500	1.0000	46.988	7.7782	1.9806	13	-0.19	2%	0
109.02	Vitamin E, LC (IU/kg)	0563	47.514	5.7242	46.988	7.7782	1.9806	13	0.07	1%	0
109.02	Vitamin E, LC (IU/kg)	0098	48.000	2.0000	46.988	7.7782	1.9806	13	0.13	1%	0
109.02	Vitamin E, LC (IU/kg)	0676	49.195	0.09000	46.988	7.7782	1.9806	13	0.28	2%	0
109.02	Vitamin E, LC (IU/kg)	0227	49.235	1.0100	46.988	7.7782	1.9806	13	0.29	2%	0
109.02	Vitamin E, LC (IU/kg)	0910	50.450	2.5000	46.988	7.7782	1.9806	13	0.45	4%	0
109.02	Vitamin E, LC (IU/kg)	0148	58.865	1.2500	46.988	7.7782	1.9806	13	1.53	13%	0
109.02	Vitamin E, LC (IU/kg)	0638	128.40	0.00000	46.988	7.7782	1.9806	13	10.47	87%	0
109.02	Vitamin E, LC (IU/kg)	0675	865.70	102.22	46.988	7.7782	1.9806	13	105.26	871%	2
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	58.250	1.5000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	10.540	1.1200				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	10.750	0.90000				1			0
113.02	Folic acid, LC (mg / kg (ppm))	0160	12.450	3.9000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.62450	0.03500				2			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0208	0.67900	0.02200				2			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0027	0.98990	0.10140				1			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.97500	0.01000	1.0296	0.03010	0.01600	19	-1.81	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.98905	0.00790	1.0296	0.03010	0.01600	19	-1.35	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.0071	0.00980	1.0296	0.03010	0.01600	19	-0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.0100	0.06000	1.0296	0.03010	0.01600	19	-0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0100	0.02000	1.0296	0.03010	0.01600	19	-0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.0110	0.01200	1.0296	0.03010	0.01600	19	-0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.0150	0.01000	1.0296	0.03010	0.01600	19	-0.48	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0200	0.06000	1.0296	0.03010	0.01600	19	-0.32	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.0250	0.01000	1.0296	0.03010	0.01600	19	-0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.0295	0.00100	1.0296	0.03010	0.01600	19	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.0295	0.00300	1.0296	0.03010	0.01600	19	0.00	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.0350	0.00000	1.0296	0.03010	0.01600	19	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.0365	0.00700	1.0296	0.03010	0.01600	19	0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.0385	0.01300	1.0296	0.03010	0.01600	19	0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.0425	0.00100	1.0296	0.03010	0.01600	19	0.43	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.0545	0.03300	1.0296	0.03010	0.01600	19	0.83	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.0807	0.01630	1.0296	0.03010	0.01600	19	1.70	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.0950	0.03000	1.0296	0.03010	0.01600	19	2.17	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.1000	0.00000	1.0296	0.03010	0.01600	19	2.34	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.0295	0.03700				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.97450	0.01500				3			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.0000	0.00000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.0950	0.03000				3			0
120.99	Alanine, Miscellaneous (%)	2146	1.0350	0.03000				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.2303	0.01000	1.3020	0.04928	0.02313	18	-1.46	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.2460	0.00110	1.3020	0.04928	0.02313	18	-1.14	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.2600	0.00000	1.3020	0.04928	0.02313	18	-0.85	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.2662	0.01820	1.3020	0.04928	0.02313	18	-0.73	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.2750	0.01000	1.3020	0.04928	0.02313	18	-0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.2750	0.01000	1.3020	0.04928	0.02313	18	-0.55	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.2865	0.00700	1.3020	0.04928	0.02313	18	-0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.2890	0.02000	1.3020	0.04928	0.02313	18	-0.26	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.2900	0.00200	1.3020	0.04928	0.02313	18	-0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.2900	0.10000	1.3020	0.04928	0.02313	18	-0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.3045	0.01100	1.3020	0.04928	0.02313	18	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.3135	0.02300	1.3020	0.04928	0.02313	18	0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3205	0.02500	1.3020	0.04928	0.02313	18	0.37	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.3285	0.00500	1.3020	0.04928	0.02313	18	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.3340	0.00400	1.3020	0.04928	0.02313	18	0.65	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	1.3800	0.06000	1.3020	0.04928	0.02313	18	1.58	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.4000	0.02000	1.3020	0.04928	0.02313	18	1.99	4%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.4550	0.09000	1.3020	0.04928	0.02313	18	3.10	6%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.2400	0.16000	1.3020	0.04928	0.02313	18	-1.26	2%	1
121.02	Arginine, Post-col OPA Der (%)	0098	1.3015	0.03900				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.2040	0.06800				3			0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.3500	0.00000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.3500	0.08000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.8657	0.01280	1.9598	0.04619	0.02478	19	-2.04	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.8955	0.00900	1.9598	0.04619	0.02478	19	-1.39	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.9195	0.00300	1.9598	0.04619	0.02478	19	-0.87	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.9200	0.02000	1.9598	0.04619	0.02478	19	-0.86	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.9250	0.01000	1.9598	0.04619	0.02478	19	-0.75	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.9278	0.00070	1.9598	0.04619	0.02478	19	-0.69	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.9415	0.05700	1.9598	0.04619	0.02478	19	-0.40	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.9550	0.09000	1.9598	0.04619	0.02478	19	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.9580	0.01000	1.9598	0.04619	0.02478	19	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.9590	0.00200	1.9598	0.04619	0.02478	19	-0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.9665	0.02300	1.9598	0.04619	0.02478	19	0.15	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.9700	0.04000	1.9598	0.04619	0.02478	19	0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	1.9750	0.03000	1.9598	0.04619	0.02478	19	0.33	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.9850	0.07000	1.9598	0.04619	0.02478	19	0.55	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.9855	0.02500	1.9598	0.04619	0.02478	19	0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.9900	0.00000	1.9598	0.04619	0.02478	19	0.65	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.0140	0.03600	1.9598	0.04619	0.02478	19	1.17	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.0679	0.01240	1.9598	0.04619	0.02478	19	2.34	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.1300	0.02000	1.9598	0.04619	0.02478	19	3.68	4%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.0135	0.05500				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.8795	0.03300				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.9900	0.06000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.0050	0.01000				3			0
122.99	Aspartic, Miscellaneous (%)	2146	1.7900	0.00000				2			0
122.99	Aspartic, Miscellaneous (%)	2144	2.5900	0.04000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0870	0.27130	0.00800	0.31074	0.01983	0.00566	18	-1.99	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.28950	0.00500	0.31074	0.01983	0.00566	18	-1.07	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0227	0.29000	0.00000	0.31074	0.01983	0.00566	18	-1.05	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0918	0.29565	0.00710	0.31074	0.01983	0.00566	18	-0.76	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0644	0.29950	0.00500	0.31074	0.01983	0.00566	18	-0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0910	0.30000	0.00000	0.31074	0.01983	0.00566	18	-0.54	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.30700	0.01000	0.31074	0.01983	0.00566	18	-0.19	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.30720	0.00780	0.31074	0.01983	0.00566	18	-0.18	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0226	0.31000	0.02000	0.31074	0.01983	0.00566	18	-0.04	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0652	0.31000	0.00000	0.31074	0.01983	0.00566	18	-0.04	0%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.31100	0.01000	0.31074	0.01983	0.00566	18	0.01	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.31200	0.00200	0.31074	0.01983	0.00566	18	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.31500	0.00600	0.31074	0.01983	0.00566	18	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.32000	0.00000	0.31074	0.01983	0.00566	18	0.47	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.32400	0.00200	0.31074	0.01983	0.00566	18	0.67	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.34400	0.00400	0.31074	0.01983	0.00566	18	1.68	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.35250	0.00500	0.31074	0.01983	0.00566	18	2.11	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.37500	0.01000	0.31074	0.01983	0.00566	18	3.24	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	3.1050	0.01000	0.31074	0.01983	0.00566	18	140.91	450%	2
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.32050	0.01300				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.31500	0.01000				2			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.34000	0.00000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.29000	0.00000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.1835	0.01700	3.3835	0.10204	0.04084	18	-1.96	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.1841	0.03210	3.3835	0.10204	0.04084	18	-1.95	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.3300	0.08000	3.3835	0.10204	0.04084	18	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.3320	0.04820	3.3835	0.10204	0.04084	18	-0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.3350	0.05000	3.3835	0.10204	0.04084	18	-0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.3355	0.00700	3.3835	0.10204	0.04084	18	-0.47	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.3475	0.01100	3.3835	0.10204	0.04084	18	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.3500	0.03400	3.3835	0.10204	0.04084	18	-0.33	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.3550	0.01000	3.3835	0.10204	0.04084	18	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.3635	0.06900	3.3835	0.10204	0.04084	18	-0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.3680	0.02000	3.3835	0.10204	0.04084	18	-0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.3985	0.05290	3.3835	0.10204	0.04084	18	0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.4205	0.02500	3.3835	0.10204	0.04084	18	0.36	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.4400	0.02000	3.3835	0.10204	0.04084	18	0.55	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.4900	0.12000	3.3835	0.10204	0.04084	18	1.04	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.5035	0.03900	3.3835	0.10204	0.04084	18	1.18	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	3.7250	0.07000	3.3835	0.10204	0.04084	18	3.35	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.8750	0.03000	3.3835	0.10204	0.04084	18	4.82	7%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.5300	0.40000	3.3835	0.10204	0.04084	18	1.44	2%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	3.4055	0.10300				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.2735	0.05100				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.4100	0.04000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.4700	0.10000				3			0
125.99	Glutamic, Miscellaneous (%)	2146	2.8500	0.04000				2			0
125.99	Glutamic, Miscellaneous (%)	2144	5.6400	0.20000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.98875	0.00730	1.0427	0.02956	0.01129	18	-1.83	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.99510	0.00740	1.0427	0.02956	0.01129	18	-1.61	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.0050	0.01000	1.0427	0.02956	0.01129	18	-1.28	2%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.0200	0.00200	1.0427	0.02956	0.01129	18	-0.77	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.0250	0.01000	1.0427	0.02956	0.01129	18	-0.60	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.0265	0.00100	1.0427	0.02956	0.01129	18	-0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.0400	0.00000	1.0427	0.02956	0.01129	18	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.0400	0.00000	1.0427	0.02956	0.01129	18	-0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.0460	0.00800	1.0427	0.02956	0.01129	18	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.0500	0.04000	1.0427	0.02956	0.01129	18	0.25	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.0540	0.00200	1.0427	0.02956	0.01129	18	0.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.0540	0.00200	1.0427	0.02956	0.01129	18	0.38	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.0569	0.00050	1.0427	0.02956	0.01129	18	0.48	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.0590	0.01400	1.0427	0.02956	0.01129	18	0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.0610	0.00800	1.0427	0.02956	0.01129	18	0.62	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.0675	0.07100	1.0427	0.02956	0.01129	18	0.84	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.0800	0.02000	1.0427	0.02956	0.01129	18	1.26	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.1400	0.00000	1.0427	0.02956	0.01129	18	3.29	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.0600	0.16000	1.0427	0.02956	0.01129	18	0.59	1%	1
126.02	Glycine, Post-col OPA Der (%)	0098	1.0700	0.02800				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.0405	0.01500				3			0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.0750	0.01000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.1500	0.08000				3			0
126.99	Glycine, Miscellaneous (%)	2146	1.0250	0.01000				2			0
126.99	Glycine, Miscellaneous (%)	2144	1.1450	0.01000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.39500	0.01000	0.50029	0.01688	0.00741	18	-6.24	11%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.46150	0.00760	0.50029	0.01688	0.00741	18	-2.30	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.47950	0.01420	0.50029	0.01688	0.00741	18	-1.23	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.49100	0.00200	0.50029	0.01688	0.00741	18	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.49200	0.00200	0.50029	0.01688	0.00741	18	-0.49	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.49500	0.01000	0.50029	0.01688	0.00741	18	-0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.49500	0.01000	0.50029	0.01688	0.00741	18	-0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.49950	0.00300	0.50029	0.01688	0.00741	18	-0.05	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.50000	0.02000	0.50029	0.01688	0.00741	18	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.50050	0.00300	0.50029	0.01688	0.00741	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.50350	0.00100	0.50029	0.01688	0.00741	18	0.19	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.50500	0.01000	0.50029	0.01688	0.00741	18	0.28	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.50550	0.00100	0.50029	0.01688	0.00741	18	0.31	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.50700	0.01000	0.50029	0.01688	0.00741	18	0.40	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.51265	0.00950	0.50029	0.01688	0.00741	18	0.73	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.51850	0.00100	0.50029	0.01688	0.00741	18	1.08	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.52500	0.01000	0.50029	0.01688	0.00741	18	1.46	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.70750	0.00900	0.50029	0.01688	0.00741	18	12.28	21%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.49400	0.01200				1			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
127.05	Histidine, Pre-col AQC Der (%)	0626	0.48850	0.00100				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.52000	0.02000				3			0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.52500	0.01000				3			0
127.99	Histidine, Miscellaneous (%)	2146	0.46000	0.00000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.62655	0.01190	0.78862	0.03564	0.01070	18	-4.55	10%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.73700	0.02800	0.78862	0.03564	0.01070	18	-1.45	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.73710	0.00000	0.78862	0.03564	0.01070	18	-1.45	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.76000	0.02000	0.78862	0.03564	0.01070	18	-0.80	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.77200	0.02200	0.78862	0.03564	0.01070	18	-0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.77350	0.01100	0.78862	0.03564	0.01070	18	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.78975	0.01170	0.78862	0.03564	0.01070	18	0.03	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.79500	0.01000	0.78862	0.03564	0.01070	18	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.79500	0.01000	0.78862	0.03564	0.01070	18	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.79500	0.01000	0.78862	0.03564	0.01070	18	0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.79600	0.00200	0.78862	0.03564	0.01070	18	0.21	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.79650	0.00700	0.78862	0.03564	0.01070	18	0.22	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.79700	0.00800	0.78862	0.03564	0.01070	18	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.80550	0.00300	0.78862	0.03564	0.01070	18	0.47	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.80950	0.00300	0.78862	0.03564	0.01070	18	0.59	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.82400	0.00000	0.78862	0.03564	0.01070	18	0.99	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.83500	0.01000	0.78862	0.03564	0.01070	18	1.30	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	0.90750	0.02500	0.78862	0.03564	0.01070	18	3.34	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.76500	0.09000	0.78862	0.03564	0.01070	18	-0.66	1%	1
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.80650	0.03500				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.75000	0.02000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.76100	0.02200				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.82000	0.00000				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.76500	0.03000				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.3739	0.02540	1.5294	0.03988	0.02398	18	-3.90	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.4805	0.02300	1.5294	0.03988	0.02398	18	-1.23	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.4950	0.03000	1.5294	0.03988	0.02398	18	-0.86	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.5000	0.04000	1.5294	0.03988	0.02398	18	-0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.5095	0.01500	1.5294	0.03988	0.02398	18	-0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.5138	0.01810	1.5294	0.03988	0.02398	18	-0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.5150	0.03000	1.5294	0.03988	0.02398	18	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.5150	0.01800	1.5294	0.03988	0.02398	18	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.5255	0.00100	1.5294	0.03988	0.02398	18	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.5290	0.00200	1.5294	0.03988	0.02398	18	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.5345	0.00300	1.5294	0.03988	0.02398	18	0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.5350	0.01000	1.5294	0.03988	0.02398	18	0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.5355	0.02100	1.5294	0.03988	0.02398	18	0.15	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.5450	0.01000	1.5294	0.03988	0.02398	18	0.39	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.5600	0.03000	1.5294	0.03988	0.02398	18	0.77	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.5886	0.05510	1.5294	0.03988	0.02398	18	1.48	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.6350	0.01000	1.5294	0.03988	0.02398	18	2.65	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	1.6850	0.09000	1.5294	0.03988	0.02398	18	3.90	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.3800	0.16000	1.5294	0.03988	0.02398	18	-3.75	5%	1
129.02	Leucine, Post-col OPA Der (%)	0098	1.5480	0.04400				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.4640	0.02200				3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.5150	0.05000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.5800	0.02000				3			0
129.99	Leucine, Miscellaneous (%)	2146	1.5250	0.01000				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.94500	0.01000	1.0872	0.05222	0.01553	21	-2.72	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.0171	0.01300	1.0872	0.05222	0.01553	21	-1.34	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.0200	0.04000	1.0872	0.05222	0.01553	21	-1.29	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.0470	0.02800	1.0872	0.05222	0.01553	21	-0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.0588	0.00350	1.0872	0.05222	0.01553	21	-0.55	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.0650	0.01000	1.0872	0.05222	0.01553	21	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.0660	0.00800	1.0872	0.05222	0.01553	21	-0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.0685	0.01100	1.0872	0.05222	0.01553	21	-0.36	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.0715	0.00900	1.0872	0.05222	0.01553	21	-0.30	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.0763	0.00380	1.0872	0.05222	0.01553	21	-0.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.0850	0.03000	1.0872	0.05222	0.01553	21	-0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0860	1.0878	0.01980	1.0872	0.05222	0.01553	21	0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.0905	0.00700	1.0872	0.05222	0.01553	21	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.0920	0.00800	1.0872	0.05222	0.01553	21	0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.0995	0.00100	1.0872	0.05222	0.01553	21	0.23	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.1200	0.02000	1.0872	0.05222	0.01553	21	0.63	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.1280	0.00400	1.0872	0.05222	0.01553	21	0.78	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.1500	0.00000	1.0872	0.05222	0.01553	21	1.20	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.1600	0.04000	1.0872	0.05222	0.01553	21	1.39	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.1600	0.02000	1.0872	0.05222	0.01553	21	1.39	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.1600	0.04000	1.0872	0.05222	0.01553	21	1.39	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0925	0.01500				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.0270	0.02000	1.0916	0.06244	0.03040	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	1.0450	0.01000	1.0916	0.06244	0.03040	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.0900	0.00000	1.0916	0.06244	0.03040	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.1100	0.04000	1.0916	0.06244	0.03040	5			0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	1.1860	0.08200	1.0916	0.06244	0.03040	5			0
130.99	L-Lysine, Miscellaneous (%)	2146	1.1400	0.02000				3			0
130.99	L-Lysine, Miscellaneous (%)	2145	1.1650	0.11000				3			0
130.99	L-Lysine, Miscellaneous (%)	2144	1.2550	0.01000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.40125	0.00470	0.43293	0.01733	0.00932	19	-1.83	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.41200	0.00000	0.43293	0.01733	0.00932	19	-1.21	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.41950	0.01500	0.43293	0.01733	0.00932	19	-0.77	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.42000	0.02000	0.43293	0.01733	0.00932	19	-0.75	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.42150	0.00300	0.43293	0.01733	0.00932	19	-0.66	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.42150	0.00100	0.43293	0.01733	0.00932	19	-0.66	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.42550	0.00100	0.43293	0.01733	0.00932	19	-0.43	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.42635	0.00570	0.43293	0.01733	0.00932	19	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.42800	0.00000	0.43293	0.01733	0.00932	19	-0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.43150	0.00700	0.43293	0.01733	0.00932	19	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.43300	0.00400	0.43293	0.01733	0.00932	19	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.43500	0.01000	0.43293	0.01733	0.00932	19	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.44000	0.04000	0.43293	0.01733	0.00932	19	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.44000	0.04000	0.43293	0.01733	0.00932	19	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.44000	0.00000	0.43293	0.01733	0.00932	19	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.45200	0.00200	0.43293	0.01733	0.00932	19	1.10	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.45500	0.01000	0.43293	0.01733	0.00932	19	1.27	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.46990	0.01360	0.43293	0.01733	0.00932	19	2.13	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.50100	0.00000	0.43293	0.01733	0.00932	19	3.93	8%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.40850	0.01700				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.33750	0.01300				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.44000	0.00000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.44000	0.00000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	0.38500	0.05000				3			1
131.99	Methionine, Miscellaneous (%)	2144	0.42500	0.01000				3			0
131.99	Methionine, Miscellaneous (%)	2145	0.44000	0.02000				3			0
131.99	Methionine, Miscellaneous (%)	2146	0.44000	0.00000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.85495	0.00310	0.92049	0.03606	0.01186	18	-1.82	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.86300	0.00600	0.92049	0.03606	0.01186	18	-1.59	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.88500	0.03000	0.92049	0.03606	0.01186	18	-0.98	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.89000	0.02000	0.92049	0.03606	0.01186	18	-0.85	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.90050	0.01900	0.92049	0.03606	0.01186	18	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.90500	0.01000	0.92049	0.03606	0.01186	18	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.90500	0.01000	0.92049	0.03606	0.01186	18	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.91255	0.00910	0.92049	0.03606	0.01186	18	-0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.91900	0.01000	0.92049	0.03606	0.01186	18	-0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.92700	0.00200	0.92049	0.03606	0.01186	18	0.18	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.93400	0.00400	0.92049	0.03606	0.01186	18	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.93500	0.02600	0.92049	0.03606	0.01186	18	0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.93550	0.00500	0.92049	0.03606	0.01186	18	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.94050	0.00500	0.92049	0.03606	0.01186	18	0.55	1%	0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.95000	0.04000	0.92049	0.03606	0.01186	18	0.82	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.95745	0.00430	0.92049	0.03606	0.01186	18	1.02	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.96500	0.00000	0.92049	0.03606	0.01186	18	1.23	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	0.97500	0.01000	0.92049	0.03606	0.01186	18	1.51	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.87500	0.07000	0.92049	0.03606	0.01186	18	-1.26	2%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.91750	0.02700				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.88400	0.01600				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.91000	0.04000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.93500	0.01000				3			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.90500	0.03000				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.1038	0.01980	1.2165	0.08158	0.03634	19	-1.38	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.1103	0.03390	1.2165	0.08158	0.03634	19	-1.30	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.1350	0.05000	1.2165	0.08158	0.03634	19	-1.00	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.1505	0.01700	1.2165	0.08158	0.03634	19	-0.81	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.1525	0.00900	1.2165	0.08158	0.03634	19	-0.78	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.1815	0.05700	1.2165	0.08158	0.03634	19	-0.43	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1950	0.03000	1.2165	0.08158	0.03634	19	-0.26	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1985	0.00700	1.2165	0.08158	0.03634	19	-0.22	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.2000	0.02000	1.2165	0.08158	0.03634	19	-0.20	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.2190	0.00800	1.2165	0.08158	0.03634	19	0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.2220	0.03400	1.2165	0.08158	0.03634	19	0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.2250	0.05000	1.2165	0.08158	0.03634	19	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.2300	0.12000	1.2165	0.08158	0.03634	19	0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.2365	0.04700	1.2165	0.08158	0.03634	19	0.25	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.2500	0.06000	1.2165	0.08158	0.03634	19	0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.2875	0.06300	1.2165	0.08158	0.03634	19	0.87	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.3452	0.00470	1.2165	0.08158	0.03634	19	1.58	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.3650	0.05000	1.2165	0.08158	0.03634	19	1.82	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.3950	0.01000	1.2165	0.08158	0.03634	19	2.19	7%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.2050	0.01000				3			0
133.05	Proline, Pre-col AQC Der (%)	0626	1.2250	0.01600				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.4500	0.06000				3			0
133.99	Proline, Miscellaneous (%)	2146	1.1900	0.00000				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.82500	0.13000	0.93890	0.03424	0.03635	19	-3.33	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.86000	0.14000	0.93890	0.03424	0.03635	19	-2.30	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.90000	0.02000	0.93890	0.03424	0.03635	19	-1.14	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.90300	0.00800	0.93890	0.03424	0.03635	19	-1.05	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.90555	0.00430	0.93890	0.03424	0.03635	19	-0.97	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.92850	0.02900	0.93890	0.03424	0.03635	19	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.93700	0.14000	0.93890	0.03424	0.03635	19	-0.06	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.93750	0.00300	0.93890	0.03424	0.03635	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.94000	0.04000	0.93890	0.03424	0.03635	19	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.94200	0.01600	0.93890	0.03424	0.03635	19	0.09	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.94450	0.04300	0.93890	0.03424	0.03635	19	0.16	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.94500	0.03000	0.93890	0.03424	0.03635	19	0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.95900	0.00200	0.93890	0.03424	0.03635	19	0.59	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.96000	0.02000	0.93890	0.03424	0.03635	19	0.62	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	0.96150	0.00500	0.93890	0.03424	0.03635	19	0.66	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.96300	0.01000	0.93890	0.03424	0.03635	19	0.70	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.96900	0.00400	0.93890	0.03424	0.03635	19	0.88	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.97815	0.00630	0.93890	0.03424	0.03635	19	1.15	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.0600	0.04000	0.93890	0.03424	0.03635	19	3.54	6%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.86500	0.03400				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.90000	0.02000				3			0
134.05	Serine, Pre-col AQC Der (%)	0626	0.94000	0.00800				3			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.99000	0.02000				3			0
134.99	Serine, Miscellaneous (%)	2146	0.85500	0.01000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.69000	0.02000	0.75024	0.02518	0.01211	19	-2.39	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.71565	0.00470	0.75024	0.02518	0.01211	19	-1.37	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.72000	0.02000	0.75024	0.02518	0.01211	19	-1.20	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.72670	0.00660	0.75024	0.02518	0.01211	19	-0.93	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.73000	0.02000	0.75024	0.02518	0.01211	19	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.73800	0.01600	0.75024	0.02518	0.01211	19	-0.49	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.74500	0.00400	0.75024	0.02518	0.01211	19	-0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.74700	0.00200	0.75024	0.02518	0.01211	19	-0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.75000	0.02000	0.75024	0.02518	0.01211	19	-0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.75150	0.02500	0.75024	0.02518	0.01211	19	0.05	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.75650	0.00500	0.75024	0.02518	0.01211	19	0.25	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.75700	0.01600	0.75024	0.02518	0.01211	19	0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.75700	0.00400	0.75024	0.02518	0.01211	19	0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.76000	0.00000	0.75024	0.02518	0.01211	19	0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.77000	0.00000	0.75024	0.02518	0.01211	19	0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.77000	0.02000	0.75024	0.02518	0.01211	19	0.78	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.77950	0.00100	0.75024	0.02518	0.01211	19	1.16	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.78015	0.01970	0.75024	0.02518	0.01211	19	1.19	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.83300	0.02600	0.75024	0.02518	0.01211	19	3.29	6%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.76000	0.01800				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.74450	0.00700				3			0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.75000	0.00000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.76500	0.01000				3			0
135.99	Threonine, Miscellaneous (%)	2146	0.75500	0.03000				2			0
135.99	Threonine, Miscellaneous (%)	2144	0.88500	0.01000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.18745	0.00030	0.23501	0.03381	0.00454	7	-1.41	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.21650	0.01500	0.23501	0.03381	0.00454	7	-0.55	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.22500	0.01000	0.23501	0.03381	0.00454	7	-0.30	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.23700	0.00000	0.23501	0.03381	0.00454	7	0.06	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.24015	0.00450	0.23501	0.03381	0.00454	7	0.15	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.25900	0.00200	0.23501	0.03381	0.00454	7	0.71	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.28000	0.00000	0.23501	0.03381	0.00454	7	1.33	10%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.25450	0.00100				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.23500	0.00800				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.24000	0.00000	0.24483	0.00483	0.00167	6	-1.00	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.24050	0.00100	0.24483	0.00483	0.00167	6	-0.90	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.24450	0.00500	0.24483	0.00483	0.00167	6	-0.07	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.24450	0.00100	0.24483	0.00483	0.00167	6	-0.07	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0297	0.24950	0.00100	0.24483	0.00483	0.00167	6	0.97	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.25000	0.00200	0.24483	0.00483	0.00167	6	1.07	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.24205	0.01390	0.24483	0.00483	0.00167	6	-0.58	1%	1
136.99	Tryptophan, Miscellaneous (%)	0504	0.22500	0.03000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.53470	0.00200	0.59726	0.05061	0.01484	13	-1.24	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.54350	0.00700	0.59726	0.05061	0.01484	13	-1.06	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.54500	0.01000	0.59726	0.05061	0.01484	13	-1.03	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.57500	0.01000	0.59726	0.05061	0.01484	13	-0.44	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.57905	0.00390	0.59726	0.05061	0.01484	13	-0.36	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.58550	0.08300	0.59726	0.05061	0.01484	13	-0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.59000	0.00000	0.59726	0.05061	0.01484	13	-0.14	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.59200	0.00600	0.59726	0.05061	0.01484	13	-0.10	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.61400	0.00600	0.59726	0.05061	0.01484	13	0.33	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.62450	0.01500	0.59726	0.05061	0.01484	13	0.54	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.64700	0.00600	0.59726	0.05061	0.01484	13	0.98	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.66100	0.00400	0.59726	0.05061	0.01484	13	1.26	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.68000	0.04000	0.59726	0.05061	0.01484	13	1.63	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.42500	0.15000	0.59726	0.05061	0.01484	13	-3.40	14%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.64550	0.01700				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.45600	0.00400				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.69000	0.04000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.71500	0.01000				3			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.56500	0.03000				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.78010	0.01220	0.92533	0.04557	0.01286	19	-3.19	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.82550	0.00700	0.92533	0.04557	0.01286	19	-2.19	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.87720	0.01800	0.92533	0.04557	0.01286	19	-1.06	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.89100	0.00200	0.92533	0.04557	0.01286	19	-0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.89995	0.01410	0.92533	0.04557	0.01286	19	-0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.90300	0.01000	0.92533	0.04557	0.01286	19	-0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.90500	0.01000	0.92533	0.04557	0.01286	19	-0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.92000	0.04000	0.92533	0.04557	0.01286	19	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.92000	0.02000	0.92533	0.04557	0.01286	19	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.92400	0.01800	0.92533	0.04557	0.01286	19	-0.03	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.92450	0.00300	0.92533	0.04557	0.01286	19	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.93450	0.00900	0.92533	0.04557	0.01286	19	0.20	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.94400	0.00200	0.92533	0.04557	0.01286	19	0.41	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.94550	0.00900	0.92533	0.04557	0.01286	19	0.44	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.95500	0.01000	0.92533	0.04557	0.01286	19	0.65	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.96500	0.03000	0.92533	0.04557	0.01286	19	0.87	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.97500	0.00000	0.92533	0.04557	0.01286	19	1.09	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.99000	0.00000	0.92533	0.04557	0.01286	19	1.42	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.0450	0.03000	0.92533	0.04557	0.01286	19	2.63	6%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.96850	0.01500				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	0.90300	0.02200				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.94500	0.03000				3			0
138.05	Valine, Pre-col AQC Der (%)	0610	0.95500	0.01000				3			0
138.99	Valine, Miscellaneous (%)	2146	0.91500	0.03000				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.19000	0.00000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0297	0.19300	0.05400	0.32575	0.15373	0.01850	4			0
160.99	Fructose, Miscellaneous (%)	0638	0.20000	0.00000	0.32575	0.15373	0.01850	4			0
160.99	Fructose, Miscellaneous (%)	0227	0.41000	0.02000	0.32575	0.15373	0.01850	4			0
160.99	Fructose, Miscellaneous (%)	0861	0.50000	0.00000	0.32575	0.15373	0.01850	4			0
161.99	Galactose, Miscellaneous (%)	0297	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0638	0.10000	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	0227	0.20500	0.07000				3			0
162.99	Glucose, Miscellaneous (%)	0297	0.32900	0.44200				3			0
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000				3			4
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 (%)	0297	0.20750	0.22100				1			0
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
165.99	Sucrose, Miscellaneous (%)	0861	2.9000	0.20000				3			0
165.99	Sucrose, Miscellaneous (%)	0227	3.0000	0.00000				3			0
165.99	Sucrose, Miscellaneous (%)	0297	3.1395	0.22700				3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.52500	0.01000				2			0
166.99	Raffinose, Miscellaneous (%)	0297	0.76950	0.07500				2			0
167.99	Stachyose, Miscellaneous (%)	0227	1.1600	0.00000				2			0
167.99	Stachyose, Miscellaneous (%)	0297	1.3680	0.34800				2			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0028	79.500	1.4000	101.26	12.421	3.8857	7	-1.75	11%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0043	97.000	0.00000	101.26	12.421	3.8857	7	-0.34	2%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0036	97.900	2.0000	101.26	12.421	3.8857	7	-0.27	2%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0013	99.650	6.7000	101.26	12.421	3.8857	7	-0.13	1%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0511	106.25	15.500	101.26	12.421	3.8857	7	0.40	2%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0171	107.50	1.0000	101.26	12.421	3.8857	7	0.50	3%	0
345.00	Amprolium, Colorimetric (mg/kg (ppm))	0019	117.90	0.60000	101.26	12.421	3.8857	7	1.34	8%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0964	89.783	0.77170	97.080	7.2534	0.94881	7	-1.01	4%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0014	91.000	0.20000	97.080	7.2534	0.94881	7	-0.84	3%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0033	93.200	1.8000	97.080	7.2534	0.94881	7	-0.53	2%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0218	97.245	1.3100	97.080	7.2534	0.94881	7	0.02	0%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0512	97.830	1.5600	97.080	7.2534	0.94881	7	0.10	0%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0032	103.50	1.0000	97.080	7.2534	0.94881	7	0.89	3%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0001	107.00	0.00000	97.080	7.2534	0.94881	7	1.37	5%	0
345.02	Amprolium, LC (UV or FL) (mg/kg (ppm))	0038	94.520	13.360	97.080	7.2534	0.94881	7	-0.35	1%	1
345.03	Amprolium, LC-MS (mg/kg (ppm))	2053	93.500	3.0000				1			0
345.99	Amprolium, Miscellaneous (mg/kg (ppm))	0629	101.00	0.00000				1			0
348.01	Bacitracin, Plate, methanol extraction (mg/kg (ppm))	0043	18.650	1.1000	37.506	14.050	2.9145	4			0
348.01	Bacitracin, Plate, methanol extraction (mg/kg (ppm))	0016	34.950	6.7000	37.506	14.050	2.9145	4			0
348.01	Bacitracin, Plate, methanol extraction (mg/kg (ppm))	0964	47.565	3.8581	37.506	14.050	2.9145	4			0
348.01	Bacitracin, Plate, methanol extraction (mg/kg (ppm))	2144	48.860	0.00000	37.506	14.050	2.9145	4			0
348.05	Bacitracin, LC-MS (mg/kg (ppm))	2053	20.400	1.8000				1			0
348.06	Bacitracin, LC-MS/MS (mg/kg (ppm))	0875	106.50	3.0000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.55925	0.00390	0.57900	0.02577	0.00327	7	-0.77	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.56590	0.00040	0.57900	0.02577	0.00327	7	-0.51	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.56650	0.00300	0.57900	0.02577	0.00327	7	-0.49	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.56700	0.01000	0.57900	0.02577	0.00327	7	-0.47	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2009	0.57150	0.00100	0.57900	0.02577	0.00327	7	-0.29	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.60520	0.00420	0.57900	0.02577	0.00327	7	1.02	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.62390	0.00040	0.57900	0.02577	0.00327	7	1.74	4%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.54750	0.00300				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.56800	0.00200				2			0
412.01	Dietary Starch, Enzymatic-Colorimetric (%)	0353	31.030	0.34000				1			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.09300	0.01600				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.16000	0.02000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.13535	0.00690				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.17000	0.02000				3			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.19700	0.00200				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.17700	0.02000				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.19350	0.01500				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.19850	0.01860				3			0

Test Material Code # 201729

Method Proficiency Testing Report

Issue Date : 10/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.00500	0.00200				2		0	
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.08800	0.00200				2		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.07000	0.00000				3		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.08135	0.00370				3		0	
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.08250	0.00500				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.06450	0.00500				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.07600	0.00400				3		0	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.08035	0.01010				3		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	1.4250	0.01000				2		0	
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	1.9350	0.01000				2		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	2.1237	0.36010				2		0	
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	2.4850	0.21000				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0675	1.2600	0.12000				2		0	
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.6600	0.04000				2		0	
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.2373	0.38900				1		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.1975	0.30930				2		0	
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0032	2.6795	0.02900				2		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.10000	0.01200				3		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.33850	0.00900				3		0	
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	2152	0.44000	0.02000				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.24000	0.02000				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.25630	0.00020				3		0	
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2146	0.28800	0.00600				3		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0032	0.16400	0.01000	0.22166	0.03957	0.01303	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.23350	0.02700	0.22166	0.03957	0.01303	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.23500	0.01200	0.22166	0.03957	0.01303	4		0	
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.25415	0.00310	0.22166	0.03957	0.01303	4		0	
539.31	Nickel, AAS, Dry ash (mg / kg (ppm))	2149	2.2900	0.12000				1		0	
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	1.9000	0.00000				1		0	
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	2.0700	0.16000				1		0	
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.8281	0.24590				1		0	
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	1.7171	0.12060				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	0.00100	0.00000				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.01950	0.00100				1		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.55800	0.03800				1		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.02650	0.00100				1		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.13050	0.00900				1		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.68000	0.04000				1		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	1.3895	0.12500				1		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0226	0.09600	0.01200				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.01150	0.00100				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			
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.01200	0.00000				1		0	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-2)	0226	0.01200	0.00200				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.00900	0.00000				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c	0226	0.00250	0.00100				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.01050	0.00100				1		0	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c)	0226	0.01500	0.00200				1		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	0.00000	0.00000				0		4	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.0210	0.23600				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 the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.