

Poultry/Game Bird Feed

Animal Feed Scheme

Labs Reporting: 204

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.20000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	2106	6.9000	0.88000	7.8655	0.71738	0.28414	7	-1.35	6%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	7.3200	0.24000	7.8655	0.71738	0.28414	7	-0.76	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	7.4350	0.17000	7.8655	0.71738	0.28414	7	-0.60	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.2050	0.33000	7.8655	0.71738	0.28414	7	0.47	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.3385	0.10900	7.8655	0.71738	0.28414	7	0.66	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	8.3600	0.24000	7.8655	0.71738	0.28414	7	0.69	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.5000	0.02000	7.8655	0.71738	0.28414	7	0.88	4%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	8.3010	0.13600	8.4500	0.12550	0.04720	5	-1.19	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0868	8.3100	0.04000	8.4500	0.12550	0.04720	5	-1.12	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	8.4300	0.02000	8.4500	0.12550	0.04720	5	-0.16	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	8.4450	0.03000	8.4500	0.12550	0.04720	5	-0.04	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0937	8.6150	0.01000	8.4500	0.12550	0.04720	5	1.31	1%	0
001.05	Loss on Drying, LECO (%)	0610	8.2050	0.01000				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.8800	0.12000	8.4368	0.28092	0.08241	40	-1.98	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	7.9850	0.01000	8.4368	0.28092	0.08241	40	-1.61	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.0300	0.08000	8.4368	0.28092	0.08241	40	-1.45	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	8.0400	0.04000	8.4368	0.28092	0.08241	40	-1.41	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	8.1250	0.01000	8.4368	0.28092	0.08241	40	-1.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.1450	0.11000	8.4368	0.28092	0.08241	40	-1.04	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	8.1500	0.10000	8.4368	0.28092	0.08241	40	-1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.1750	0.27000	8.4368	0.28092	0.08241	40	-0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.1850	0.01000	8.4368	0.28092	0.08241	40	-0.90	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.2250	0.07000	8.4368	0.28092	0.08241	40	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.2500	0.10000	8.4368	0.28092	0.08241	40	-0.66	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	8.2600	0.04000	8.4368	0.28092	0.08241	40	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.2800	0.08000	8.4368	0.28092	0.08241	40	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.2943	0.02470	8.4368	0.28092	0.08241	40	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.3500	0.04000	8.4368	0.28092	0.08241	40	-0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.3700	0.12000	8.4368	0.28092	0.08241	40	-0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.4400	0.10000	8.4368	0.28092	0.08241	40	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.4750	0.03000	8.4368	0.28092	0.08241	40	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.4750	0.01000	8.4368	0.28092	0.08241	40	0.14	0%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	8.4850	0.01000	8.4368	0.28092	0.08241	40	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.4873	0.09980	8.4368	0.28092	0.08241	40	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.5050	0.39000	8.4368	0.28092	0.08241	40	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	8.5100	0.10000	8.4368	0.28092	0.08241	40	0.26	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.5200	0.10000	8.4368	0.28092	0.08241	40	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.5200	0.08000	8.4368	0.28092	0.08241	40	0.30	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.5300	0.00000	8.4368	0.28092	0.08241	40	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.5300	0.00000	8.4368	0.28092	0.08241	40	0.33	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.5500	0.10000	8.4368	0.28092	0.08241	40	0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.5600	0.00000	8.4368	0.28092	0.08241	40	0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.5750	0.23000	8.4368	0.28092	0.08241	40	0.49	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	8.5800	0.08000	8.4368	0.28092	0.08241	40	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.6000	0.12000	8.4368	0.28092	0.08241	40	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	8.6000	0.00000	8.4368	0.28092	0.08241	40	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	8.6560	0.09200	8.4368	0.28092	0.08241	40	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.7050	0.11000	8.4368	0.28092	0.08241	40	0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	8.8250	0.05000	8.4368	0.28092	0.08241	40	1.38	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.0550	0.05000	8.4368	0.28092	0.08241	40	2.20	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.1550	0.05000	8.4368	0.28092	0.08241	40	2.56	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	9.2750	0.07000	8.4368	0.28092	0.08241	40	2.98	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	9.4100	0.20000	8.4368	0.28092	0.08241	40	3.46	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	7.9000	0.60000	8.4368	0.28092	0.08241	40	-1.91	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.6550	0.71000	8.4368	0.28092	0.08241	40	0.78	1%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	0.98500	0.11000	8.4368	0.28092	0.08241	40	-26.53	44%	2
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	8.4400	0.30000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	8.6000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.9150	0.07000	8.2040	0.56994	0.16422	19	-2.26	8%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.2500	0.52000	8.2040	0.56994	0.16422	19	-1.67	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	7.5200	0.02000	8.2040	0.56994	0.16422	19	-1.20	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.6100	0.46000	8.2040	0.56994	0.16422	19	-1.04	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.9000	0.00000	8.2040	0.56994	0.16422	19	-0.53	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	7.9100	0.12000	8.2040	0.56994	0.16422	19	-0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	7.9400	0.12000	8.2040	0.56994	0.16422	19	-0.46	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.0950	0.11000	8.2040	0.56994	0.16422	19	-0.19	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	8.1550	0.13000	8.2040	0.56994	0.16422	19	-0.09	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.3500	0.16000	8.2040	0.56994	0.16422	19	0.26	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	8.3800	0.10000	8.2040	0.56994	0.16422	19	0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.3900	0.10000	8.2040	0.56994	0.16422	19	0.33	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.4500	0.10000	8.2040	0.56994	0.16422	19	0.43	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2080	8.5000	0.18000	8.2040	0.56994	0.16422	19	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.7577	0.09020	8.2040	0.56994	0.16422	19	0.97	3%	0

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001.99	Loss on Drying, Miscellaneous (%)	0037	8.7600	0.60000	8.2040	0.56994	0.16422	19	0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	8.7650	0.13000	8.2040	0.56994	0.16422	19	0.98	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	8.7850	0.11000	8.2040	0.56994	0.16422	19	1.02	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	8.9100	0.00000	8.2040	0.56994	0.16422	19	1.24	4%	0
002.00	Protein, Crude (%)	0169	27.330	0.08000	28.128	1.0866	0.09100	4	-0.73	1%	0
002.00	Protein, Crude (%)	2109	27.490	0.10000	28.128	1.0866	0.09100	4	-0.59	1%	0
002.00	Protein, Crude (%)	0508	27.989	0.11500	28.128	1.0866	0.09100	4	-0.13	0%	0
002.00	Protein, Crude (%)	2128	29.703	0.06900	28.128	1.0866	0.09100	4	1.45	3%	0
002.01	Protein, Auto Kjehl-Foss (%)	0870	27.065	0.39100	27.515	0.31907	0.17093	14	-1.41	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0889	27.160	0.34000	27.515	0.31907	0.17093	14	-1.11	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0199	27.250	0.02000	27.515	0.31907	0.17093	14	-0.83	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0910	27.250	0.30000	27.515	0.31907	0.17093	14	-0.83	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0968	27.351	0.08200	27.515	0.31907	0.17093	14	-0.52	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0653	27.395	0.19000	27.515	0.31907	0.17093	14	-0.38	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0062	27.405	0.07000	27.515	0.31907	0.17093	14	-0.35	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0685	27.565	0.07000	27.515	0.31907	0.17093	14	0.16	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0164	27.665	0.01000	27.515	0.31907	0.17093	14	0.47	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0652	27.750	0.70000	27.515	0.31907	0.17093	14	0.74	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0043	27.790	0.02000	27.515	0.31907	0.17093	14	0.86	0%	0
002.01	Protein, Auto Kjehl-Foss (%)	0152	27.850	0.10000	27.515	0.31907	0.17093	14	1.05	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0610	27.850	0.10000	27.515	0.31907	0.17093	14	1.05	1%	0
002.01	Protein, Auto Kjehl-Foss (%)	0723	27.870	0.00000	27.515	0.31907	0.17093	14	1.11	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	27.383	0.05790				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	27.560	0.22000				2			0
002.04	Protein, Copper Catalyst (%)	0187	26.690	0.16000	27.812	0.84836	0.27714	7	-1.32	2%	0
002.04	Protein, Copper Catalyst (%)	0874	27.455	0.39000	27.812	0.84836	0.27714	7	-0.42	1%	0
002.04	Protein, Copper Catalyst (%)	0638	27.585	0.25000	27.812	0.84836	0.27714	7	-0.27	0%	0
002.04	Protein, Copper Catalyst (%)	0728	27.660	0.04000	27.812	0.84836	0.27714	7	-0.18	0%	0
002.04	Protein, Copper Catalyst (%)	0504	27.875	0.07000	27.812	0.84836	0.27714	7	0.07	0%	0
002.04	Protein, Copper Catalyst (%)	2057	28.335	0.03000	27.812	0.84836	0.27714	7	0.62	1%	0
002.04	Protein, Copper Catalyst (%)	0405	32.500	1.0000	27.812	0.84836	0.27714	7	5.53	8%	0
002.05	Protein, Copper, Boric Acid (%)	2106	26.435	0.19000	27.542	0.25901	0.09971	31	-4.28	2%	0
002.05	Protein, Copper, Boric Acid (%)	0852	26.925	0.09000	27.542	0.25901	0.09971	31	-2.38	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	27.070	0.00000	27.542	0.25901	0.09971	31	-1.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	2144	27.075	0.03000	27.542	0.25901	0.09971	31	-1.80	1%	0
002.05	Protein, Copper, Boric Acid (%)	0596	27.170	0.04000	27.542	0.25901	0.09971	31	-1.44	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	27.390	0.00000	27.542	0.25901	0.09971	31	-0.59	0%	0
002.05	Protein, Copper, Boric Acid (%)	0952	27.400	0.14000	27.542	0.25901	0.09971	31	-0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	27.413	0.17000	27.542	0.25901	0.09971	31	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	27.415	0.03000	27.542	0.25901	0.09971	31	-0.49	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	27.425	0.27000	27.542	0.25901	0.09971	31	-0.45	0%	0

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002.05	Protein, Copper, Boric Acid (%)	0955	27.450	0.10000	27.542	0.25901	0.09971	31	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	27.460	0.00000	27.542	0.25901	0.09971	31	-0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	27.505	0.21000	27.542	0.25901	0.09971	31	-0.14	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	27.509	0.00100	27.542	0.25901	0.09971	31	-0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	27.535	0.01000	27.542	0.25901	0.09971	31	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	27.550	0.10000	27.542	0.25901	0.09971	31	0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	27.615	0.01000	27.542	0.25901	0.09971	31	0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	2006	27.615	0.01000	27.542	0.25901	0.09971	31	0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	0868	27.620	0.02000	27.542	0.25901	0.09971	31	0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	27.650	0.02000	27.542	0.25901	0.09971	31	0.42	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	27.653	0.04500	27.542	0.25901	0.09971	31	0.43	0%	0
002.05	Protein, Copper, Boric Acid (%)	0881	27.659	0.02300	27.542	0.25901	0.09971	31	0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	2146	27.660	0.54000	27.542	0.25901	0.09971	31	0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	27.665	0.41000	27.542	0.25901	0.09971	31	0.47	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	27.735	0.01000	27.542	0.25901	0.09971	31	0.74	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	27.765	0.01000	27.542	0.25901	0.09971	31	0.86	0%	0
002.05	Protein, Copper, Boric Acid (%)	0937	27.790	0.02000	27.542	0.25901	0.09971	31	0.96	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	27.838	0.03190	27.542	0.25901	0.09971	31	1.14	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	27.850	0.50000	27.542	0.25901	0.09971	31	1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	27.955	0.03000	27.542	0.25901	0.09971	31	1.59	1%	0
002.05	Protein, Copper, Boric Acid (%)	2145	28.135	0.03000	27.542	0.25901	0.09971	31	2.29	1%	0
002.05	Protein, Copper, Boric Acid (%)	0015	26.705	0.95000	27.542	0.25901	0.09971	31	-3.23	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0656	25.045	0.05000	27.939	0.28963	0.18907	131	-9.99	5%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0011	26.400	0.04000	27.939	0.28963	0.18907	131	-5.31	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	26.440	0.12000	27.939	0.28963	0.18907	131	-5.17	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	26.718	0.31300	27.939	0.28963	0.18907	131	-4.22	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	26.813	0.10200	27.939	0.28963	0.18907	131	-3.89	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	27.320	0.10000	27.939	0.28963	0.18907	131	-2.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	27.375	0.13000	27.939	0.28963	0.18907	131	-1.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	27.380	0.28000	27.939	0.28963	0.18907	131	-1.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	27.445	0.33000	27.939	0.28963	0.18907	131	-1.70	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	27.455	0.09000	27.939	0.28963	0.18907	131	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	27.485	0.17000	27.939	0.28963	0.18907	131	-1.57	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	27.510	0.30000	27.939	0.28963	0.18907	131	-1.48	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	27.550	0.82000	27.939	0.28963	0.18907	131	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	27.570	0.52000	27.939	0.28963	0.18907	131	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	27.575	0.61000	27.939	0.28963	0.18907	131	-1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	27.600	0.20000	27.939	0.28963	0.18907	131	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	27.600	0.20000	27.939	0.28963	0.18907	131	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	27.614	0.24100	27.939	0.28963	0.18907	131	-1.12	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2080	27.620	0.12000	27.939	0.28963	0.18907	131	-1.10	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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	27.650	0.10000	27.939	0.28963	0.18907	131	-1.00	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	27.660	0.02000	27.939	0.28963	0.18907	131	-0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	27.660	0.28000	27.939	0.28963	0.18907	131	-0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	27.680	0.28000	27.939	0.28963	0.18907	131	-0.89	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	27.700	0.00000	27.939	0.28963	0.18907	131	-0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	27.700	0.58000	27.939	0.28963	0.18907	131	-0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	27.700	0.20000	27.939	0.28963	0.18907	131	-0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	27.715	0.31000	27.939	0.28963	0.18907	131	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0123	27.715	0.01000	27.939	0.28963	0.18907	131	-0.77	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0868	27.730	0.01400	27.939	0.28963	0.18907	131	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	27.750	0.20000	27.939	0.28963	0.18907	131	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	27.750	0.10000	27.939	0.28963	0.18907	131	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	27.759	0.03400	27.939	0.28963	0.18907	131	-0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	27.765	0.07000	27.939	0.28963	0.18907	131	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	27.765	0.17000	27.939	0.28963	0.18907	131	-0.60	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	27.779	0.14430	27.939	0.28963	0.18907	131	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	27.780	0.66000	27.939	0.28963	0.18907	131	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	27.785	0.47000	27.939	0.28963	0.18907	131	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0032	27.792	0.31200	27.939	0.28963	0.18907	131	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	27.800	0.20000	27.939	0.28963	0.18907	131	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	27.800	0.20000	27.939	0.28963	0.18907	131	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	27.800	1.0000	27.939	0.28963	0.18907	131	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	27.810	0.24000	27.939	0.28963	0.18907	131	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0592	27.810	0.26000	27.939	0.28963	0.18907	131	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	27.810	0.06000	27.939	0.28963	0.18907	131	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	27.825	0.05000	27.939	0.28963	0.18907	131	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	27.840	0.00000	27.939	0.28963	0.18907	131	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	27.850	0.14000	27.939	0.28963	0.18907	131	-0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	27.852	0.30300	27.939	0.28963	0.18907	131	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	27.855	0.11000	27.939	0.28963	0.18907	131	-0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	27.860	0.04000	27.939	0.28963	0.18907	131	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	27.875	0.03000	27.939	0.28963	0.18907	131	-0.22	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	27.878	0.10400	27.939	0.28963	0.18907	131	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	27.880	0.08000	27.939	0.28963	0.18907	131	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	27.895	0.19000	27.939	0.28963	0.18907	131	-0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	27.900	0.40000	27.939	0.28963	0.18907	131	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	27.900	0.00000	27.939	0.28963	0.18907	131	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	27.900	0.00000	27.939	0.28963	0.18907	131	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	27.900	0.20000	27.939	0.28963	0.18907	131	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	27.900	0.20000	27.939	0.28963	0.18907	131	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	27.900	0.20000	27.939	0.28963	0.18907	131	-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	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	27.905	0.53000	27.939	0.28963	0.18907	131	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0957	27.905	0.15000	27.939	0.28963	0.18907	131	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	27.905	0.13000	27.939	0.28963	0.18907	131	-0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	27.916	0.04430	27.939	0.28963	0.18907	131	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	27.925	0.03000	27.939	0.28963	0.18907	131	-0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	27.930	0.08000	27.939	0.28963	0.18907	131	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	27.934	0.10800	27.939	0.28963	0.18907	131	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	27.940	0.14000	27.939	0.28963	0.18907	131	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	27.940	0.14000	27.939	0.28963	0.18907	131	0.00	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	27.955	0.03000	27.939	0.28963	0.18907	131	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	27.955	0.05000	27.939	0.28963	0.18907	131	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0554	27.955	0.13000	27.939	0.28963	0.18907	131	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	27.965	0.05000	27.939	0.28963	0.18907	131	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	27.969	0.60600	27.939	0.28963	0.18907	131	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0138	27.981	0.08300	27.939	0.28963	0.18907	131	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	27.994	0.09800	27.939	0.28963	0.18907	131	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	28.000	0.00000	27.939	0.28963	0.18907	131	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	28.000	0.20000	27.939	0.28963	0.18907	131	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	28.000	0.00000	27.939	0.28963	0.18907	131	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	28.000	0.02000	27.939	0.28963	0.18907	131	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	28.000	0.08000	27.939	0.28963	0.18907	131	0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	28.010	0.28000	27.939	0.28963	0.18907	131	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	28.015	0.03000	27.939	0.28963	0.18907	131	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	28.030	0.00000	27.939	0.28963	0.18907	131	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	28.050	0.06000	27.939	0.28963	0.18907	131	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	28.050	0.10000	27.939	0.28963	0.18907	131	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	28.050	0.10000	27.939	0.28963	0.18907	131	0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	28.060	0.06000	27.939	0.28963	0.18907	131	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	28.060	0.20000	27.939	0.28963	0.18907	131	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	28.062	0.20900	27.939	0.28963	0.18907	131	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	28.065	0.03000	27.939	0.28963	0.18907	131	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	28.065	0.25000	27.939	0.28963	0.18907	131	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	28.070	0.22000	27.939	0.28963	0.18907	131	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	28.080	0.46000	27.939	0.28963	0.18907	131	0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	28.085	0.05000	27.939	0.28963	0.18907	131	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	28.090	0.22000	27.939	0.28963	0.18907	131	0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	28.094	0.18750	27.939	0.28963	0.18907	131	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	28.095	0.11000	27.939	0.28963	0.18907	131	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	28.100	0.20000	27.939	0.28963	0.18907	131	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	28.120	0.26000	27.939	0.28963	0.18907	131	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0581	28.120	0.02000	27.939	0.28963	0.18907	131	0.63	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	28.130	0.54000	27.939	0.28963	0.18907	131	0.66	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	28.150	0.24000	27.939	0.28963	0.18907	131	0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	28.150	0.30000	27.939	0.28963	0.18907	131	0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	28.155	0.05000	27.939	0.28963	0.18907	131	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	28.155	0.11000	27.939	0.28963	0.18907	131	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	28.155	0.07000	27.939	0.28963	0.18907	131	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	28.181	0.21600	27.939	0.28963	0.18907	131	0.84	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	28.200	0.40000	27.939	0.28963	0.18907	131	0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	28.200	0.04000	27.939	0.28963	0.18907	131	0.90	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	28.218	0.21300	27.939	0.28963	0.18907	131	0.96	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	28.245	0.11000	27.939	0.28963	0.18907	131	1.06	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	28.266	0.08900	27.939	0.28963	0.18907	131	1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	28.300	0.16000	27.939	0.28963	0.18907	131	1.25	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	28.306	0.12000	27.939	0.28963	0.18907	131	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	28.310	0.10000	27.939	0.28963	0.18907	131	1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	28.335	0.73000	27.939	0.28963	0.18907	131	1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	28.345	0.23000	27.939	0.28963	0.18907	131	1.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	28.390	0.24000	27.939	0.28963	0.18907	131	1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	28.410	0.12000	27.939	0.28963	0.18907	131	1.63	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	28.433	0.05400	27.939	0.28963	0.18907	131	1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	28.460	0.20000	27.939	0.28963	0.18907	131	1.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	28.550	0.20000	27.939	0.28963	0.18907	131	2.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	28.550	0.10000	27.939	0.28963	0.18907	131	2.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	28.580	0.10000	27.939	0.28963	0.18907	131	2.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	28.600	0.60000	27.939	0.28963	0.18907	131	2.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	28.627	0.07800	27.939	0.28963	0.18907	131	2.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	28.781	0.40500	27.939	0.28963	0.18907	131	2.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	28.860	0.38000	27.939	0.28963	0.18907	131	3.18	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	29.235	0.09000	27.939	0.28963	0.18907	131	4.48	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	30.240	0.04000	27.939	0.28963	0.18907	131	7.95	4%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	28.800	2.0000	27.939	0.28963	0.18907	131	2.97	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	28.830	1.3200	27.939	0.28963	0.18907	131	3.08	2%	1
002.07	Protein, Block Digestion (%)	0028	27.685	0.09000				1			0
002.08	Protein, Cu/Ti (%)	0563	26.718	0.24190				3			0
002.08	Protein, Cu/Ti (%)	0098	27.440	0.40000				3			0
002.08	Protein, Cu/Ti (%)	0208	27.550	0.10000				3			0
002.10	Protein, Block dig/distillation (%)	0629	27.580	0.34000				1			0
002.11	Protein, NIR (%)	0852	25.160	0.04000	28.674	1.5378	0.16967	9	-2.29	6%	0
002.11	Protein, NIR (%)	0889	27.385	0.31000	28.674	1.5378	0.16967	9	-0.84	2%	0
002.11	Protein, NIR (%)	0720	27.855	0.15000	28.674	1.5378	0.16967	9	-0.53	1%	0
002.11	Protein, NIR (%)	0553	27.865	0.09000	28.674	1.5378	0.16967	9	-0.53	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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002.11	Protein, NIR (%)	0011	29.025	0.09000	28.674	1.5378	0.16967	9	0.23	1%	0
002.11	Protein, NIR (%)	2121	29.410	0.36000	28.674	1.5378	0.16967	9	0.48	1%	0
002.11	Protein, NIR (%)	2128	29.922	0.02700	28.674	1.5378	0.16967	9	0.81	2%	0
002.11	Protein, NIR (%)	0297	30.085	0.33000	28.674	1.5378	0.16967	9	0.92	2%	0
002.11	Protein, NIR (%)	2120	30.155	0.13000	28.674	1.5378	0.16967	9	0.96	3%	0
002.11	Protein, NIR (%)	0613	25.600	3.1200	28.674	1.5378	0.16967	9	-2.00	5%	1
002.99	Protein, Miscellaneous (%)	2105	26.895	0.11000	27.287	0.33929	0.19975	4	-1.15	1%	0
002.99	Protein, Miscellaneous (%)	0644	27.470	0.00900	27.287	0.33929	0.19975	4	0.54	0%	0
002.99	Protein, Miscellaneous (%)	0681	27.495	0.11000	27.287	0.33929	0.19975	4	0.61	0%	0
002.99	Protein, Miscellaneous (%)	0643	29.825	0.57000	27.287	0.33929	0.19975	4	7.48	5%	0
003.00	Fat, Eth Ext., Direct (%)	0309	2.8935	0.15020	3.1821	0.20360	0.11509	14	-1.42	5%	0
003.00	Fat, Eth Ext., Direct (%)	0884	2.9500	0.10000	3.1821	0.20360	0.11509	14	-1.14	4%	0
003.00	Fat, Eth Ext., Direct (%)	0885	3.0078	0.04110	3.1821	0.20360	0.11509	14	-0.86	3%	0
003.00	Fat, Eth Ext., Direct (%)	0026	3.0650	0.07000	3.1821	0.20360	0.11509	14	-0.57	2%	0
003.00	Fat, Eth Ext., Direct (%)	0032	3.0700	0.14000	3.1821	0.20360	0.11509	14	-0.55	2%	0
003.00	Fat, Eth Ext., Direct (%)	0615	3.1350	0.15000	3.1821	0.20360	0.11509	14	-0.23	1%	0
003.00	Fat, Eth Ext., Direct (%)	2106	3.1600	0.28000	3.1821	0.20360	0.11509	14	-0.11	0%	0
003.00	Fat, Eth Ext., Direct (%)	2109	3.1800	0.02000	3.1821	0.20360	0.11509	14	-0.01	0%	0
003.00	Fat, Eth Ext., Direct (%)	0354	3.2250	0.01000	3.1821	0.20360	0.11509	14	0.21	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	3.2750	0.05000	3.1821	0.20360	0.11509	14	0.46	1%	0
003.00	Fat, Eth Ext., Direct (%)	2053	3.2850	0.01000	3.1821	0.20360	0.11509	14	0.51	2%	0
003.00	Fat, Eth Ext., Direct (%)	0345	3.3500	0.10000	3.1821	0.20360	0.11509	14	0.82	3%	0
003.00	Fat, Eth Ext., Direct (%)	0142	3.4650	0.11000	3.1821	0.20360	0.11509	14	1.39	4%	0
003.00	Fat, Eth Ext., Direct (%)	0596	4.3000	0.38000	3.1821	0.20360	0.11509	14	5.49	18%	0
003.06	Fat, Pet Ether (%)	0563	2.8829	0.03870	3.0759	0.15153	0.08013	19	-1.27	3%	0
003.06	Fat, Pet Ether (%)	0148	2.9000	0.04000	3.0759	0.15153	0.08013	19	-1.16	3%	0
003.06	Fat, Pet Ether (%)	0169	2.9300	0.04000	3.0759	0.15153	0.08013	19	-0.96	2%	0
003.06	Fat, Pet Ether (%)	0083	2.9500	0.14000	3.0759	0.15153	0.08013	19	-0.83	2%	0
003.06	Fat, Pet Ether (%)	0689	2.9500	0.30000	3.0759	0.15153	0.08013	19	-0.83	2%	0
003.06	Fat, Pet Ether (%)	0425	2.9550	0.05000	3.0759	0.15153	0.08013	19	-0.80	2%	0
003.06	Fat, Pet Ether (%)	0300	2.9989	0.05570	3.0759	0.15153	0.08013	19	-0.51	1%	0
003.06	Fat, Pet Ether (%)	0910	3.0350	0.01000	3.0759	0.15153	0.08013	19	-0.27	1%	0
003.06	Fat, Pet Ether (%)	0687	3.0500	0.30000	3.0759	0.15153	0.08013	19	-0.17	0%	0
003.06	Fat, Pet Ether (%)	0552	3.0900	0.02000	3.0759	0.15153	0.08013	19	0.09	0%	0
003.06	Fat, Pet Ether (%)	0297	3.1050	0.01000	3.0759	0.15153	0.08013	19	0.19	0%	0
003.06	Fat, Pet Ether (%)	0294	3.1150	0.03000	3.0759	0.15153	0.08013	19	0.26	1%	0
003.06	Fat, Pet Ether (%)	0682	3.1200	0.00000	3.0759	0.15153	0.08013	19	0.29	1%	0
003.06	Fat, Pet Ether (%)	0164	3.1300	0.08000	3.0759	0.15153	0.08013	19	0.36	1%	0
003.06	Fat, Pet Ether (%)	0229	3.1400	0.02000	3.0759	0.15153	0.08013	19	0.42	1%	0
003.06	Fat, Pet Ether (%)	0918	3.1800	0.06000	3.0759	0.15153	0.08013	19	0.69	2%	0
003.06	Fat, Pet Ether (%)	0511	3.3450	0.11000	3.0759	0.15153	0.08013	19	1.78	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	
003.06	Fat, Pet Ether (%)	0852	3.4400	0.20000	3.0759	0.15153	0.08013	19	2.40	6%	0
003.06	Fat, Pet Ether (%)	0199	3.6140	0.01800	3.0759	0.15153	0.08013	19	3.55	9%	0
003.06	Fat, Pet Ether (%)	0074	3.6200	0.50000	3.0759	0.15153	0.08013	19	3.59	9%	1
003.09	Fat, Soxtec, Eth Ext (%)	0675	2.9650	0.07000	3.1803	0.15661	0.08516	19	-1.37	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	2.9800	0.14000	3.1803	0.15661	0.08516	19	-1.28	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	2.9900	0.00000	3.1803	0.15661	0.08516	19	-1.22	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0653	3.0150	0.03000	3.1803	0.15661	0.08516	19	-1.06	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	3.0800	0.00000	3.1803	0.15661	0.08516	19	-0.64	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	3.0900	0.02000	3.1803	0.15661	0.08516	19	-0.58	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	3.1050	0.13000	3.1803	0.15661	0.08516	19	-0.48	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	3.1650	0.01000	3.1803	0.15661	0.08516	19	-0.10	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	3.1950	0.05000	3.1803	0.15661	0.08516	19	0.09	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	3.1950	0.05000	3.1803	0.15661	0.08516	19	0.09	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	3.2100	0.10000	3.1803	0.15661	0.08516	19	0.19	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	3.2100	0.08000	3.1803	0.15661	0.08516	19	0.19	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	3.2250	0.05000	3.1803	0.15661	0.08516	19	0.29	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0152	3.2500	0.10000	3.1803	0.15661	0.08516	19	0.45	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	3.2800	0.06000	3.1803	0.15661	0.08516	19	0.64	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	3.3000	0.20000	3.1803	0.15661	0.08516	19	0.76	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	3.3400	0.22000	3.1803	0.15661	0.08516	19	1.02	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	3.4340	0.08800	3.1803	0.15661	0.08516	19	1.62	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0656	3.8800	0.22000	3.1803	0.15661	0.08516	19	4.47	11%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	2.3500	0.50000	3.1803	0.15661	0.08516	19	-5.30	13%	1
003.10	Fat, Soxtec, Pet Ether (%)	0062	2.4400	0.10000	3.0052	0.17251	0.06913	30	-3.28	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0952	2.7150	0.01000	3.0052	0.17251	0.06913	30	-1.68	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	2.7550	0.11000	3.0052	0.17251	0.06913	30	-1.45	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	2.7950	0.07000	3.0052	0.17251	0.06913	30	-1.22	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	2.8500	0.02000	3.0052	0.17251	0.06913	30	-0.90	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	2.8500	0.06000	3.0052	0.17251	0.06913	30	-0.90	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	2.8550	0.05000	3.0052	0.17251	0.06913	30	-0.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	2.8550	0.03000	3.0052	0.17251	0.06913	30	-0.87	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	2.8790	0.09280	3.0052	0.17251	0.06913	30	-0.73	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	2.9326	0.04740	3.0052	0.17251	0.06913	30	-0.42	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	2.9350	0.09000	3.0052	0.17251	0.06913	30	-0.41	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	2.9700	0.18000	3.0052	0.17251	0.06913	30	-0.20	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	2.9900	0.06000	3.0052	0.17251	0.06913	30	-0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0728	3.0000	0.02000	3.0052	0.17251	0.06913	30	-0.03	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0868	3.0200	0.04000	3.0052	0.17251	0.06913	30	0.09	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	3.0450	0.21000	3.0052	0.17251	0.06913	30	0.23	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.0500	0.10000	3.0052	0.17251	0.06913	30	0.26	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	3.0547	0.11980	3.0052	0.17251	0.06913	30	0.29	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Soxtec, Pet Ether (%)	0541	3.0550	0.03000	3.0052	0.17251	0.06913	30	0.29	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	3.0700	0.06000	3.0052	0.17251	0.06913	30	0.38	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	3.0950	0.15000	3.0052	0.17251	0.06913	30	0.52	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	3.1000	0.00000	3.0052	0.17251	0.06913	30	0.55	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	3.1350	0.11000	3.0052	0.17251	0.06913	30	0.75	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.1600	0.04000	3.0052	0.17251	0.06913	30	0.90	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	3.1695	0.00100	3.0052	0.17251	0.06913	30	0.95	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	3.1800	0.02000	3.0052	0.17251	0.06913	30	1.01	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.1900	0.04000	3.0052	0.17251	0.06913	30	1.07	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	3.1900	0.06000	3.0052	0.17251	0.06913	30	1.07	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	3.2195	0.05900	3.0052	0.17251	0.06913	30	1.24	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0881	3.2710	0.09400	3.0052	0.17251	0.06913	30	1.54	4%	0
003.11	Fat, NIR (%)	0613	2.4100	0.02000	3.0871	0.60364	0.03136	10	-1.12	11%	0
003.11	Fat, NIR (%)	2120	2.5050	0.03000	3.0871	0.60364	0.03136	10	-0.96	9%	0
003.11	Fat, NIR (%)	0297	2.5460	0.01200	3.0871	0.60364	0.03136	10	-0.90	9%	0
003.11	Fat, NIR (%)	0889	2.7950	0.03000	3.0871	0.60364	0.03136	10	-0.48	5%	0
003.11	Fat, NIR (%)	2121	2.9850	0.01000	3.0871	0.60364	0.03136	10	-0.17	2%	0
003.11	Fat, NIR (%)	0720	3.0650	0.07000	3.0871	0.60364	0.03136	10	-0.04	0%	0
003.11	Fat, NIR (%)	0852	3.4300	0.04000	3.0871	0.60364	0.03136	10	0.57	6%	0
003.11	Fat, NIR (%)	0011	3.5100	0.02000	3.0871	0.60364	0.03136	10	0.70	7%	0
003.11	Fat, NIR (%)	2128	3.7248	0.08160	3.0871	0.60364	0.03136	10	1.06	10%	0
003.11	Fat, NIR (%)	2135	3.9000	0.00000	3.0871	0.60364	0.03136	10	1.35	13%	0
003.12	Fat, Hexane Ext (%)	0897	3.0900	0.02000				2			0
003.12	Fat, Hexane Ext (%)	0171	3.1100	0.02000				2			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	2.8300	0.26000	3.1588	0.27900	0.14539	12	-1.18	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	2.8850	0.13000	3.1588	0.27900	0.14539	12	-0.98	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	2.9400	0.02000	3.1588	0.27900	0.14539	12	-0.78	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0123	3.0550	0.21000	3.1588	0.27900	0.14539	12	-0.37	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	3.0570	0.05400	3.1588	0.27900	0.14539	12	-0.36	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0039	3.0893	0.13070	3.1588	0.27900	0.14539	12	-0.25	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	3.1350	0.03000	3.1588	0.27900	0.14539	12	-0.09	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	3.1450	0.07000	3.1588	0.27900	0.14539	12	-0.05	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	3.2250	0.19000	3.1588	0.27900	0.14539	12	0.24	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0681	3.3900	0.24000	3.1588	0.27900	0.14539	12	0.83	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0011	3.9850	0.03000	3.1588	0.27900	0.14539	12	2.96	13%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	4.0500	0.38000	3.1588	0.27900	0.14539	12	3.19	14%	0
003.14	Fat, Ankom (%)	0613	2.3300	0.18000	2.9452	0.24824	0.12633	42	-2.48	10%	0
003.14	Fat, Ankom (%)	0529	2.4950	0.05000	2.9452	0.24824	0.12633	42	-1.81	8%	0
003.14	Fat, Ankom (%)	2075	2.5350	0.15000	2.9452	0.24824	0.12633	42	-1.65	7%	0
003.14	Fat, Ankom (%)	0357	2.6000	0.00000	2.9452	0.24824	0.12633	42	-1.39	6%	0
003.14	Fat, Ankom (%)	0843	2.6000	0.28000	2.9452	0.24824	0.12633	42	-1.39	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	
003.14	Fat, Ankom (%)	0089	2.6100	0.00000	2.9452	0.24824	0.12633	42	-1.35	6%	0
003.14	Fat, Ankom (%)	2129	2.6900	0.04000	2.9452	0.24824	0.12633	42	-1.03	4%	0
003.14	Fat, Ankom (%)	0574	2.7000	0.08000	2.9452	0.24824	0.12633	42	-0.99	4%	0
003.14	Fat, Ankom (%)	0202	2.7900	0.00000	2.9452	0.24824	0.12633	42	-0.63	3%	0
003.14	Fat, Ankom (%)	0034	2.8500	0.10000	2.9452	0.24824	0.12633	42	-0.38	2%	0
003.14	Fat, Ankom (%)	0598	2.8500	0.02000	2.9452	0.24824	0.12633	42	-0.38	2%	0
003.14	Fat, Ankom (%)	0692	2.8500	0.10000	2.9452	0.24824	0.12633	42	-0.38	2%	0
003.14	Fat, Ankom (%)	0581	2.8550	0.29000	2.9452	0.24824	0.12633	42	-0.36	2%	0
003.14	Fat, Ankom (%)	0876	2.8550	0.01000	2.9452	0.24824	0.12633	42	-0.36	2%	0
003.14	Fat, Ankom (%)	0948	2.8550	0.09000	2.9452	0.24824	0.12633	42	-0.36	2%	0
003.14	Fat, Ankom (%)	0175	2.8750	0.11000	2.9452	0.24824	0.12633	42	-0.28	1%	0
003.14	Fat, Ankom (%)	0001	2.8785	0.11300	2.9452	0.24824	0.12633	42	-0.27	1%	0
003.14	Fat, Ankom (%)	0265	2.8800	0.20000	2.9452	0.24824	0.12633	42	-0.26	1%	0
003.14	Fat, Ankom (%)	0358	2.8800	0.00000	2.9452	0.24824	0.12633	42	-0.26	1%	0
003.14	Fat, Ankom (%)	0144	2.8850	0.05000	2.9452	0.24824	0.12633	42	-0.24	1%	0
003.14	Fat, Ankom (%)	0912	2.8850	0.03000	2.9452	0.24824	0.12633	42	-0.24	1%	0
003.14	Fat, Ankom (%)	0229	2.9100	0.02000	2.9452	0.24824	0.12633	42	-0.14	1%	0
003.14	Fat, Ankom (%)	0619	2.9750	0.03000	2.9452	0.24824	0.12633	42	0.12	1%	0
003.14	Fat, Ankom (%)	0037	2.9900	0.02000	2.9452	0.24824	0.12633	42	0.18	1%	0
003.14	Fat, Ankom (%)	0278	3.0000	0.20000	2.9452	0.24824	0.12633	42	0.22	1%	0
003.14	Fat, Ankom (%)	0049	3.0400	0.14000	2.9452	0.24824	0.12633	42	0.38	2%	0
003.14	Fat, Ankom (%)	0956	3.0500	0.50000	2.9452	0.24824	0.12633	42	0.42	2%	0
003.14	Fat, Ankom (%)	0937	3.0600	0.06000	2.9452	0.24824	0.12633	42	0.46	2%	0
003.14	Fat, Ankom (%)	0108	3.0650	0.43000	2.9452	0.24824	0.12633	42	0.48	2%	0
003.14	Fat, Ankom (%)	0009	3.0700	0.14000	2.9452	0.24824	0.12633	42	0.50	2%	0
003.14	Fat, Ankom (%)	0019	3.0800	0.04000	2.9452	0.24824	0.12633	42	0.54	2%	0
003.14	Fat, Ankom (%)	0683	3.0950	0.17000	2.9452	0.24824	0.12633	42	0.60	3%	0
003.14	Fat, Ankom (%)	0004	3.1100	0.38000	2.9452	0.24824	0.12633	42	0.66	3%	0
003.14	Fat, Ankom (%)	0968	3.1295	0.07900	2.9452	0.24824	0.12633	42	0.74	3%	0
003.14	Fat, Ankom (%)	0407	3.1332	0.31390	2.9452	0.24824	0.12633	42	0.76	3%	0
003.14	Fat, Ankom (%)	0413	3.1500	0.30000	2.9452	0.24824	0.12633	42	0.83	3%	0
003.14	Fat, Ankom (%)	0939	3.1800	0.02000	2.9452	0.24824	0.12633	42	0.95	4%	0
003.14	Fat, Ankom (%)	0848	3.3000	0.02000	2.9452	0.24824	0.12633	42	1.43	6%	0
003.14	Fat, Ankom (%)	0955	3.3000	0.06000	2.9452	0.24824	0.12633	42	1.43	6%	0
003.14	Fat, Ankom (%)	0015	3.3300	0.28000	2.9452	0.24824	0.12633	42	1.55	7%	0
003.14	Fat, Ankom (%)	0726	3.3550	0.03000	2.9452	0.24824	0.12633	42	1.65	7%	0
003.14	Fat, Ankom (%)	0190	3.4800	0.18000	2.9452	0.24824	0.12633	42	2.15	9%	0
003.99	Fat, Miscellaneous (%)	1019	1.5850	0.03000	3.1338	0.14868	0.03600	5	-10.42	25%	0
003.99	Fat, Miscellaneous (%)	0644	2.9750	0.05000	3.1338	0.14868	0.03600	5	-1.07	3%	0
003.99	Fat, Miscellaneous (%)	0536	3.0650	0.09000	3.1338	0.14868	0.03600	5	-0.46	1%	0
003.99	Fat, Miscellaneous (%)	2080	3.1750	0.01000	3.1338	0.14868	0.03600	5	0.28	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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	
003.99	Fat, Miscellaneous (%)	0047	3.3200	0.00000	3.1338	0.14868	0.03600	5	1.25	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	3.7600	0.83000	4.8533	0.44188	0.24827	17	-2.47	11%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	4.3800	0.10000	4.8533	0.44188	0.24827	17	-1.07	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	4.4600	0.28000	4.8533	0.44188	0.24827	17	-0.89	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	4.5000	0.00000	4.8533	0.44188	0.24827	17	-0.80	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	4.5700	0.30000	4.8533	0.44188	0.24827	17	-0.64	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	4.6800	0.14000	4.8533	0.44188	0.24827	17	-0.39	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	4.6900	0.10000	4.8533	0.44188	0.24827	17	-0.37	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	4.7500	0.30000	4.8533	0.44188	0.24827	17	-0.23	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	4.8600	0.16000	4.8533	0.44188	0.24827	17	0.02	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	4.8681	0.15060	4.8533	0.44188	0.24827	17	0.03	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0298	4.9000	0.20000	4.8533	0.44188	0.24827	17	0.11	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	4.9450	0.43000	4.8533	0.44188	0.24827	17	0.21	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	5.1000	0.20000	4.8533	0.44188	0.24827	17	0.56	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	5.2300	0.30000	4.8533	0.44188	0.24827	17	0.85	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	5.3500	0.30000	4.8533	0.44188	0.24827	17	1.12	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	5.6550	0.43000	4.8533	0.44188	0.24827	17	1.81	8%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	5.9000	0.00000	4.8533	0.44188	0.24827	17	2.37	11%	0
004.01	Fiber, Sing Filt (%)	0366	5.3000	0.40000				1			0
004.03	Fiber, Fritted Glass (%)	2089	2.4450	0.03000	3.9775	1.0764	0.11600	5	-1.42	19%	0
004.03	Fiber, Fritted Glass (%)	0921	4.0350	0.03000	3.9775	1.0764	0.11600	5	0.05	1%	0
004.03	Fiber, Fritted Glass (%)	0353	4.5800	0.02000	3.9775	1.0764	0.11600	5	0.56	8%	0
004.03	Fiber, Fritted Glass (%)	0045	4.8500	0.08000	3.9775	1.0764	0.11600	5	0.81	11%	0
004.03	Fiber, Fritted Glass (%)	0693	6.2000	0.42000	3.9775	1.0764	0.11600	5	2.06	28%	0
004.06	Fiber, Fibertec (%)	0918	4.2350	0.43000	5.0667	0.31335	0.13171	24	-2.65	8%	0
004.06	Fiber, Fibertec (%)	0948	4.3550	0.07000	5.0667	0.31335	0.13171	24	-2.27	7%	0
004.06	Fiber, Fibertec (%)	0098	4.5550	0.43000	5.0667	0.31335	0.13171	24	-1.63	5%	0
004.06	Fiber, Fibertec (%)	0590	4.7100	0.08000	5.0667	0.31335	0.13171	24	-1.14	4%	0
004.06	Fiber, Fibertec (%)	0897	4.7450	0.01000	5.0667	0.31335	0.13171	24	-1.03	3%	0
004.06	Fiber, Fibertec (%)	0199	4.8745	0.04100	5.0667	0.31335	0.13171	24	-0.61	2%	0
004.06	Fiber, Fibertec (%)	2006	4.9350	0.15000	5.0667	0.31335	0.13171	24	-0.42	1%	0
004.06	Fiber, Fibertec (%)	2022	4.9850	0.11000	5.0667	0.31335	0.13171	24	-0.26	1%	0
004.06	Fiber, Fibertec (%)	0952	4.9850	0.01000	5.0667	0.31335	0.13171	24	-0.26	1%	0
004.06	Fiber, Fibertec (%)	2068	5.0300	0.04000	5.0667	0.31335	0.13171	24	-0.12	0%	0
004.06	Fiber, Fibertec (%)	0689	5.0500	0.50000	5.0667	0.31335	0.13171	24	-0.05	0%	0
004.06	Fiber, Fibertec (%)	0674	5.0700	0.00000	5.0667	0.31335	0.13171	24	0.01	0%	0
004.06	Fiber, Fibertec (%)	0885	5.0721	0.19310	5.0667	0.31335	0.13171	24	0.02	0%	0
004.06	Fiber, Fibertec (%)	0968	5.0905	0.21700	5.0667	0.31335	0.13171	24	0.08	0%	0
004.06	Fiber, Fibertec (%)	0205	5.1350	0.15000	5.0667	0.31335	0.13171	24	0.22	1%	0
004.06	Fiber, Fibertec (%)	0941	5.2150	0.17000	5.0667	0.31335	0.13171	24	0.47	1%	0
004.06	Fiber, Fibertec (%)	0609	5.2650	0.15000	5.0667	0.31335	0.13171	24	0.63	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0720	5.2700	0.06000	5.0667	0.31335	0.13171	24	0.65	2%	0
004.06	Fiber, Fibertec (%)	2080	5.3100	0.02000	5.0667	0.31335	0.13171	24	0.78	2%	0
004.06	Fiber, Fibertec (%)	0723	5.3219	0.00000	5.0667	0.31335	0.13171	24	0.81	3%	0
004.06	Fiber, Fibertec (%)	0728	5.3900	0.18000	5.0667	0.31335	0.13171	24	1.03	3%	0
004.06	Fiber, Fibertec (%)	0656	5.4100	0.12000	5.0667	0.31335	0.13171	24	1.10	3%	0
004.06	Fiber, Fibertec (%)	0868	5.4100	0.00000	5.0667	0.31335	0.13171	24	1.10	3%	0
004.06	Fiber, Fibertec (%)	0675	5.5650	0.03000	5.0667	0.31335	0.13171	24	1.59	5%	0
004.06	Fiber, Fibertec (%)	0638	5.5500	0.70000	5.0667	0.31335	0.13171	24	1.54	5%	1
004.07	Fiber, ANKOM (%)	0889	3.0850	0.13000	4.7938	0.45043	0.20422	66	-3.79	18%	0
004.07	Fiber, ANKOM (%)	0123	3.6750	0.19000	4.7938	0.45043	0.20422	66	-2.48	12%	0
004.07	Fiber, ANKOM (%)	0413	3.9000	0.00000	4.7938	0.45043	0.20422	66	-1.98	9%	0
004.07	Fiber, ANKOM (%)	0100	3.9250	0.35000	4.7938	0.45043	0.20422	66	-1.93	9%	0
004.07	Fiber, ANKOM (%)	0505	4.0550	0.09000	4.7938	0.45043	0.20422	66	-1.64	8%	0
004.07	Fiber, ANKOM (%)	0529	4.1350	0.03000	4.7938	0.45043	0.20422	66	-1.46	7%	0
004.07	Fiber, ANKOM (%)	0035	4.2750	0.03000	4.7938	0.45043	0.20422	66	-1.15	5%	0
004.07	Fiber, ANKOM (%)	0619	4.3900	0.18000	4.7938	0.45043	0.20422	66	-0.90	4%	0
004.07	Fiber, ANKOM (%)	0278	4.4000	0.00000	4.7938	0.45043	0.20422	66	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0682	4.4000	0.00000	4.7938	0.45043	0.20422	66	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0910	4.4000	0.40000	4.7938	0.45043	0.20422	66	-0.87	4%	0
004.07	Fiber, ANKOM (%)	0026	4.4500	0.10000	4.7938	0.45043	0.20422	66	-0.76	4%	0
004.07	Fiber, ANKOM (%)	0354	4.4650	0.07000	4.7938	0.45043	0.20422	66	-0.73	3%	0
004.07	Fiber, ANKOM (%)	0042	4.4700	0.74000	4.7938	0.45043	0.20422	66	-0.72	3%	0
004.07	Fiber, ANKOM (%)	0265	4.4750	0.01000	4.7938	0.45043	0.20422	66	-0.71	3%	0
004.07	Fiber, ANKOM (%)	0876	4.4750	0.15000	4.7938	0.45043	0.20422	66	-0.71	3%	0
004.07	Fiber, ANKOM (%)	0003	4.4850	0.67000	4.7938	0.45043	0.20422	66	-0.69	3%	0
004.07	Fiber, ANKOM (%)	0004	4.4950	0.19000	4.7938	0.45043	0.20422	66	-0.66	3%	0
004.07	Fiber, ANKOM (%)	0726	4.5000	0.02000	4.7938	0.45043	0.20422	66	-0.65	3%	0
004.07	Fiber, ANKOM (%)	0033	4.5450	0.47000	4.7938	0.45043	0.20422	66	-0.55	3%	0
004.07	Fiber, ANKOM (%)	2053	4.5650	0.13000	4.7938	0.45043	0.20422	66	-0.51	2%	0
004.07	Fiber, ANKOM (%)	0510	4.6000	0.00000	4.7938	0.45043	0.20422	66	-0.43	2%	0
004.07	Fiber, ANKOM (%)	0144	4.6050	0.03000	4.7938	0.45043	0.20422	66	-0.42	2%	0
004.07	Fiber, ANKOM (%)	0646	4.6100	0.10000	4.7938	0.45043	0.20422	66	-0.41	2%	0
004.07	Fiber, ANKOM (%)	0098	4.6150	0.13000	4.7938	0.45043	0.20422	66	-0.40	2%	0
004.07	Fiber, ANKOM (%)	0038	4.6400	0.18000	4.7938	0.45043	0.20422	66	-0.34	2%	0
004.07	Fiber, ANKOM (%)	0028	4.6500	0.50000	4.7938	0.45043	0.20422	66	-0.32	1%	0
004.07	Fiber, ANKOM (%)	0294	4.6500	0.10000	4.7938	0.45043	0.20422	66	-0.32	1%	0
004.07	Fiber, ANKOM (%)	0089	4.6750	0.03000	4.7938	0.45043	0.20422	66	-0.26	1%	0
004.07	Fiber, ANKOM (%)	0563	4.7059	0.18950	4.7938	0.45043	0.20422	66	-0.20	1%	0
004.07	Fiber, ANKOM (%)	0202	4.7200	0.30000	4.7938	0.45043	0.20422	66	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0849	4.7225	0.04500	4.7938	0.45043	0.20422	66	-0.16	1%	0
004.07	Fiber, ANKOM (%)	0708	4.7400	0.02000	4.7938	0.45043	0.20422	66	-0.12	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0653	4.7650	0.25000	4.7938	0.45043	0.20422	66	-0.06	0%	0
004.07	Fiber, ANKOM (%)	0019	4.7750	0.39000	4.7938	0.45043	0.20422	66	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0229	4.7750	0.25000	4.7938	0.45043	0.20422	66	-0.04	0%	0
004.07	Fiber, ANKOM (%)	0074	4.8050	0.19000	4.7938	0.45043	0.20422	66	0.02	0%	0
004.07	Fiber, ANKOM (%)	0263	4.8530	0.18000	4.7938	0.45043	0.20422	66	0.13	1%	0
004.07	Fiber, ANKOM (%)	0870	4.8667	0.13840	4.7938	0.45043	0.20422	66	0.16	1%	0
004.07	Fiber, ANKOM (%)	0009	4.8950	0.07000	4.7938	0.45043	0.20422	66	0.22	1%	0
004.07	Fiber, ANKOM (%)	0581	4.9000	0.20000	4.7938	0.45043	0.20422	66	0.24	1%	0
004.07	Fiber, ANKOM (%)	0300	4.9005	0.10890	4.7938	0.45043	0.20422	66	0.24	1%	0
004.07	Fiber, ANKOM (%)	0937	4.9100	0.02000	4.7938	0.45043	0.20422	66	0.26	1%	0
004.07	Fiber, ANKOM (%)	0015	4.9400	0.12000	4.7938	0.45043	0.20422	66	0.32	2%	0
004.07	Fiber, ANKOM (%)	0956	4.9500	0.30000	4.7938	0.45043	0.20422	66	0.35	2%	0
004.07	Fiber, ANKOM (%)	2109	4.9950	0.15000	4.7938	0.45043	0.20422	66	0.45	2%	0
004.07	Fiber, ANKOM (%)	0083	5.0400	0.18000	4.7938	0.45043	0.20422	66	0.55	3%	0
004.07	Fiber, ANKOM (%)	0683	5.0400	0.40000	4.7938	0.45043	0.20422	66	0.55	3%	0
004.07	Fiber, ANKOM (%)	0692	5.0500	0.10000	4.7938	0.45043	0.20422	66	0.57	3%	0
004.07	Fiber, ANKOM (%)	2075	5.0500	0.30000	4.7938	0.45043	0.20422	66	0.57	3%	0
004.07	Fiber, ANKOM (%)	0613	5.0750	0.63000	4.7938	0.45043	0.20422	66	0.62	3%	0
004.07	Fiber, ANKOM (%)	0948	5.1000	0.22000	4.7938	0.45043	0.20422	66	0.68	3%	0
004.07	Fiber, ANKOM (%)	0552	5.1100	0.02000	4.7938	0.45043	0.20422	66	0.70	3%	0
004.07	Fiber, ANKOM (%)	0553	5.1900	0.32000	4.7938	0.45043	0.20422	66	0.88	4%	0
004.07	Fiber, ANKOM (%)	0955	5.2950	0.09000	4.7938	0.45043	0.20422	66	1.11	5%	0
004.07	Fiber, ANKOM (%)	0848	5.3200	0.04000	4.7938	0.45043	0.20422	66	1.17	5%	0
004.07	Fiber, ANKOM (%)	0190	5.3500	0.10000	4.7938	0.45043	0.20422	66	1.23	6%	0
004.07	Fiber, ANKOM (%)	0536	5.3500	0.36000	4.7938	0.45043	0.20422	66	1.23	6%	0
004.07	Fiber, ANKOM (%)	0034	5.3600	0.84000	4.7938	0.45043	0.20422	66	1.26	6%	0
004.07	Fiber, ANKOM (%)	0861	5.4650	0.47000	4.7938	0.45043	0.20422	66	1.49	7%	0
004.07	Fiber, ANKOM (%)	0968	5.5100	0.12000	4.7938	0.45043	0.20422	66	1.59	7%	0
004.07	Fiber, ANKOM (%)	0016	5.5400	0.34000	4.7938	0.45043	0.20422	66	1.66	8%	0
004.07	Fiber, ANKOM (%)	0242	5.5800	0.46000	4.7938	0.45043	0.20422	66	1.75	8%	0
004.07	Fiber, ANKOM (%)	0407	5.6027	0.20870	4.7938	0.45043	0.20422	66	1.80	8%	0
004.07	Fiber, ANKOM (%)	0598	5.7950	0.17000	4.7938	0.45043	0.20422	66	2.22	10%	0
004.07	Fiber, ANKOM (%)	2009	6.2424	0.16830	4.7938	0.45043	0.20422	66	3.22	15%	0
004.07	Fiber, ANKOM (%)	0643	4.9550	1.2500	4.7938	0.45043	0.20422	66	0.36	2%	1
004.11	Fiber, NIR (%)	0553	3.2650	0.11000	4.3478	0.73896	0.06976	10	-1.47	12%	0
004.11	Fiber, NIR (%)	0889	3.7050	0.03000	4.3478	0.73896	0.06976	10	-0.87	7%	0
004.11	Fiber, NIR (%)	2135	4.0000	0.00000	4.3478	0.73896	0.06976	10	-0.47	4%	0
004.11	Fiber, NIR (%)	0011	4.0550	0.01000	4.3478	0.73896	0.06976	10	-0.40	3%	0
004.11	Fiber, NIR (%)	0613	4.2650	0.01000	4.3478	0.73896	0.06976	10	-0.11	1%	0
004.11	Fiber, NIR (%)	2121	4.4300	0.04000	4.3478	0.73896	0.06976	10	0.11	1%	0
004.11	Fiber, NIR (%)	0852	4.5250	0.05000	4.3478	0.73896	0.06976	10	0.24	2%	0

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004.11	Fiber, NIR (%)	2120	4.5900	0.04000	4.3478	0.73896	0.06976	10	0.33	3%	0
004.11	Fiber, NIR (%)	0720	5.2000	0.20000	4.3478	0.73896	0.06976	10	1.15	10%	0
004.11	Fiber, NIR (%)	2128	5.4430	0.20760	4.3478	0.73896	0.06976	10	1.48	13%	0
004.99	Fiber, Miscellaneous (%)	0644	4.0015	0.07300				3			0
004.99	Fiber, Miscellaneous (%)	0629	4.1000	0.00000				3			0
004.99	Fiber, Miscellaneous (%)	0610	4.1500	0.10000				3			0
005.00	Ash, 2h @ 600°C (%)	0539	6.4690	0.00480	6.9385	0.21773	0.08049	100	-2.16	3%	0
005.00	Ash, 2h @ 600°C (%)	0169	6.5400	0.06000	6.9385	0.21773	0.08049	100	-1.83	3%	0
005.00	Ash, 2h @ 600°C (%)	0148	6.5550	0.05000	6.9385	0.21773	0.08049	100	-1.76	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	6.5650	0.01000	6.9385	0.21773	0.08049	100	-1.72	3%	0
005.00	Ash, 2h @ 600°C (%)	0026	6.5700	0.02000	6.9385	0.21773	0.08049	100	-1.69	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	6.5750	0.03000	6.9385	0.21773	0.08049	100	-1.67	3%	0
005.00	Ash, 2h @ 600°C (%)	0123	6.6050	0.03000	6.9385	0.21773	0.08049	100	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	6.6250	0.01000	6.9385	0.21773	0.08049	100	-1.44	2%	0
005.00	Ash, 2h @ 600°C (%)	0650	6.6400	0.02000	6.9385	0.21773	0.08049	100	-1.37	2%	0
005.00	Ash, 2h @ 600°C (%)	0964	6.6465	0.00100	6.9385	0.21773	0.08049	100	-1.34	2%	0
005.00	Ash, 2h @ 600°C (%)	0208	6.6500	0.10000	6.9385	0.21773	0.08049	100	-1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	0511	6.6500	0.00000	6.9385	0.21773	0.08049	100	-1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	0004	6.6550	0.01000	6.9385	0.21773	0.08049	100	-1.30	2%	0
005.00	Ash, 2h @ 600°C (%)	0358	6.6750	0.11000	6.9385	0.21773	0.08049	100	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0229	6.7000	0.00000	6.9385	0.21773	0.08049	100	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	6.7300	0.04000	6.9385	0.21773	0.08049	100	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0205	6.7440	0.04400	6.9385	0.21773	0.08049	100	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0175	6.7450	0.03000	6.9385	0.21773	0.08049	100	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	6.7450	0.09000	6.9385	0.21773	0.08049	100	-0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	6.7600	0.04000	6.9385	0.21773	0.08049	100	-0.82	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	6.7615	0.07300	6.9385	0.21773	0.08049	100	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0552	6.7650	0.19000	6.9385	0.21773	0.08049	100	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	6.7750	0.01000	6.9385	0.21773	0.08049	100	-0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	2068	6.7900	0.02000	6.9385	0.21773	0.08049	100	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	6.7900	0.22000	6.9385	0.21773	0.08049	100	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	6.8100	0.08000	6.9385	0.21773	0.08049	100	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	6.8100	0.12000	6.9385	0.21773	0.08049	100	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	6.8150	0.17000	6.9385	0.21773	0.08049	100	-0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0918	6.8350	0.07000	6.9385	0.21773	0.08049	100	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0142	6.8450	0.03000	6.9385	0.21773	0.08049	100	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	6.8500	0.00000	6.9385	0.21773	0.08049	100	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0956	6.8500	0.10000	6.9385	0.21773	0.08049	100	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	6.8599	0.15800	6.9385	0.21773	0.08049	100	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0596	6.8600	0.00000	6.9385	0.21773	0.08049	100	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0199	6.8629	0.23220	6.9385	0.21773	0.08049	100	-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	
005.00	Ash, 2h @ 600°C (%)	0033	6.8750	0.01000	6.9385	0.21773	0.08049	100	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	6.8750	0.23000	6.9385	0.21773	0.08049	100	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	6.8800	0.08000	6.9385	0.21773	0.08049	100	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	6.8850	0.11000	6.9385	0.21773	0.08049	100	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	2106	6.8950	0.39000	6.9385	0.21773	0.08049	100	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	6.9000	0.40000	6.9385	0.21773	0.08049	100	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	6.9100	0.02000	6.9385	0.21773	0.08049	100	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0957	6.9100	0.10000	6.9385	0.21773	0.08049	100	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0880	6.9143	0.22950	6.9385	0.21773	0.08049	100	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	6.9200	0.12000	6.9385	0.21773	0.08049	100	-0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	6.9235	0.02250	6.9385	0.21773	0.08049	100	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	6.9300	0.02000	6.9385	0.21773	0.08049	100	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	6.9350	0.03000	6.9385	0.21773	0.08049	100	-0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	6.9450	0.03000	6.9385	0.21773	0.08049	100	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	6.9500	0.04000	6.9385	0.21773	0.08049	100	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0019	6.9500	0.10000	6.9385	0.21773	0.08049	100	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	6.9535	0.05100	6.9385	0.21773	0.08049	100	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	6.9599	0.05870	6.9385	0.21773	0.08049	100	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	6.9650	0.27000	6.9385	0.21773	0.08049	100	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	6.9650	0.01000	6.9385	0.21773	0.08049	100	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	6.9650	0.11000	6.9385	0.21773	0.08049	100	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	6.9700	0.04000	6.9385	0.21773	0.08049	100	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	6.9750	0.03000	6.9385	0.21773	0.08049	100	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	6.9800	0.00000	6.9385	0.21773	0.08049	100	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0138	6.9825	0.09700	6.9385	0.21773	0.08049	100	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	6.9850	0.03000	6.9385	0.21773	0.08049	100	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	6.9900	0.08000	6.9385	0.21773	0.08049	100	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	6.9950	0.07000	6.9385	0.21773	0.08049	100	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	6.9950	0.07000	6.9385	0.21773	0.08049	100	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	6.9950	0.03000	6.9385	0.21773	0.08049	100	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	7.0000	0.00000	6.9385	0.21773	0.08049	100	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.0000	0.00000	6.9385	0.21773	0.08049	100	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.0050	0.01000	6.9385	0.21773	0.08049	100	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.0200	0.46000	6.9385	0.21773	0.08049	100	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.0200	0.04000	6.9385	0.21773	0.08049	100	0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.0400	0.12000	6.9385	0.21773	0.08049	100	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	7.0500	0.10000	6.9385	0.21773	0.08049	100	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.0500	0.10000	6.9385	0.21773	0.08049	100	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	7.0507	0.00000	6.9385	0.21773	0.08049	100	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0656	7.0550	0.13000	6.9385	0.21773	0.08049	100	0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	7.0750	0.15000	6.9385	0.21773	0.08049	100	0.63	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0309	7.0775	0.09100	6.9385	0.21773	0.08049	100	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.0850	0.09600	6.9385	0.21773	0.08049	100	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.1100	0.04000	6.9385	0.21773	0.08049	100	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.1143	0.03580	6.9385	0.21773	0.08049	100	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.1150	0.01000	6.9385	0.21773	0.08049	100	0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.1200	0.14000	6.9385	0.21773	0.08049	100	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.1350	0.23000	6.9385	0.21773	0.08049	100	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	7.1450	0.07000	6.9385	0.21773	0.08049	100	0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	7.1500	0.08000	6.9385	0.21773	0.08049	100	0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0630	7.1900	0.36000	6.9385	0.21773	0.08049	100	1.15	2%	0
005.00	Ash, 2h @ 600°C (%)	0139	7.1950	0.05000	6.9385	0.21773	0.08049	100	1.18	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	7.2000	0.06000	6.9385	0.21773	0.08049	100	1.20	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.2185	0.04410	6.9385	0.21773	0.08049	100	1.29	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.2400	0.06000	6.9385	0.21773	0.08049	100	1.38	2%	0
005.00	Ash, 2h @ 600°C (%)	0615	7.2450	0.03000	6.9385	0.21773	0.08049	100	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.2450	0.01000	6.9385	0.21773	0.08049	100	1.41	2%	0
005.00	Ash, 2h @ 600°C (%)	0297	7.2500	0.10000	6.9385	0.21773	0.08049	100	1.43	2%	0
005.00	Ash, 2h @ 600°C (%)	0681	7.2600	0.06000	6.9385	0.21773	0.08049	100	1.48	2%	0
005.00	Ash, 2h @ 600°C (%)	0062	7.2900	0.04000	6.9385	0.21773	0.08049	100	1.61	3%	0
005.00	Ash, 2h @ 600°C (%)	0345	7.3500	0.10000	6.9385	0.21773	0.08049	100	1.89	3%	0
005.00	Ash, 2h @ 600°C (%)	0357	7.3500	0.10000	6.9385	0.21773	0.08049	100	1.89	3%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.4000	0.06000	6.9385	0.21773	0.08049	100	2.12	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	7.4500	0.02000	6.9385	0.21773	0.08049	100	2.35	4%	0
005.00	Ash, 2h @ 600°C (%)	0921	7.7600	0.00000	6.9385	0.21773	0.08049	100	3.77	6%	0
005.00	Ash, 2h @ 600°C (%)	0047	6.6000	0.50000	6.9385	0.21773	0.08049	100	-1.55	2%	1
005.00	Ash, 2h @ 600°C (%)	0108	6.9600	0.74000	6.9385	0.21773	0.08049	100	0.10	0%	1
005.02	Ash, LECO (%)	2075	6.9550	0.01000				1			0
005.05	Ash, 3h @ 550°C (%)	0003	6.7400	0.04000	7.1005	0.17980	0.05561	28	-2.00	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	6.7500	0.06000	7.1005	0.17980	0.05561	28	-1.95	2%	0
005.05	Ash, 3h @ 550°C (%)	0638	6.8100	0.14000	7.1005	0.17980	0.05561	28	-1.62	2%	0
005.05	Ash, 3h @ 550°C (%)	0038	6.8150	0.01000	7.1005	0.17980	0.05561	28	-1.59	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	6.9280	0.01000	7.1005	0.17980	0.05561	28	-0.96	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	6.9700	0.00000	7.1005	0.17980	0.05561	28	-0.73	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	6.9721	0.04630	7.1005	0.17980	0.05561	28	-0.71	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.0100	0.06000	7.1005	0.17980	0.05561	28	-0.50	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	7.0450	0.01000	7.1005	0.17980	0.05561	28	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	7.0450	0.05000	7.1005	0.17980	0.05561	28	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0937	7.0600	0.02000	7.1005	0.17980	0.05561	28	-0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	7.0645	0.04900	7.1005	0.17980	0.05561	28	-0.20	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.0900	0.08000	7.1005	0.17980	0.05561	28	-0.06	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.1050	0.07000	7.1005	0.17980	0.05561	28	0.03	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0889	7.1250	0.25000	7.1005	0.17980	0.05561	28	0.14	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	7.1500	0.10000	7.1005	0.17980	0.05561	28	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	7.1500	0.06000	7.1005	0.17980	0.05561	28	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.1550	0.03000	7.1005	0.17980	0.05561	28	0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	7.1800	0.02000	7.1005	0.17980	0.05561	28	0.44	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.2053	0.07170	7.1005	0.17980	0.05561	28	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.2200	0.10000	7.1005	0.17980	0.05561	28	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0868	7.2200	0.00000	7.1005	0.17980	0.05561	28	0.66	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.2500	0.10000	7.1005	0.17980	0.05561	28	0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	7.2600	0.00000	7.1005	0.17980	0.05561	28	0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	7.2600	0.06000	7.1005	0.17980	0.05561	28	0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	2145	7.2850	0.03000	7.1005	0.17980	0.05561	28	1.03	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	7.4800	0.02000	7.1005	0.17980	0.05561	28	2.11	3%	0
005.05	Ash, 3h @ 550°C (%)	0720	7.7350	0.07000	7.1005	0.17980	0.05561	28	3.53	4%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.1500	0.30000	7.1005	0.17980	0.05561	28	0.28	0%	1
005.11	Ash, NIR (%)	0720	5.6550	0.13000	7.8900	2.1898	0.11429	7	-1.02	14%	0
005.11	Ash, NIR (%)	0613	5.9500	0.36000	7.8900	2.1898	0.11429	7	-0.89	12%	0
005.11	Ash, NIR (%)	0297	6.5350	0.01000	7.8900	2.1898	0.11429	7	-0.62	9%	0
005.11	Ash, NIR (%)	0889	7.5700	0.08000	7.8900	2.1898	0.11429	7	-0.15	2%	0
005.11	Ash, NIR (%)	2120	9.5100	0.02000	7.8900	2.1898	0.11429	7	0.74	10%	0
005.11	Ash, NIR (%)	2121	9.7750	0.19000	7.8900	2.1898	0.11429	7	0.86	12%	0
005.11	Ash, NIR (%)	0852	10.235	0.01000	7.8900	2.1898	0.11429	7	1.07	15%	0
005.99	Ash, Miscellaneous (%)	0202	6.6700	0.08000	7.0830	0.25110	0.11500	12	-1.64	3%	0
005.99	Ash, Miscellaneous (%)	0536	6.7750	0.01000	7.0830	0.25110	0.11500	12	-1.23	2%	0
005.99	Ash, Miscellaneous (%)	0574	6.8250	0.03000	7.0830	0.25110	0.11500	12	-1.03	2%	0
005.99	Ash, Miscellaneous (%)	0884	6.9000	0.20000	7.0830	0.25110	0.11500	12	-0.73	1%	0
005.99	Ash, Miscellaneous (%)	0728	7.1050	0.13000	7.0830	0.25110	0.11500	12	0.09	0%	0
005.99	Ash, Miscellaneous (%)	0629	7.1350	0.03000	7.0830	0.25110	0.11500	12	0.21	0%	0
005.99	Ash, Miscellaneous (%)	0652	7.2000	0.20000	7.0830	0.25110	0.11500	12	0.47	1%	0
005.99	Ash, Miscellaneous (%)	0613	7.2100	0.18000	7.0830	0.25110	0.11500	12	0.51	1%	0
005.99	Ash, Miscellaneous (%)	0644	7.2250	0.01000	7.0830	0.25110	0.11500	12	0.57	1%	0
005.99	Ash, Miscellaneous (%)	2080	7.2800	0.26000	7.0830	0.25110	0.11500	12	0.78	1%	0
005.99	Ash, Miscellaneous (%)	0910	7.3000	0.20000	7.0830	0.25110	0.11500	12	0.86	2%	0
005.99	Ash, Miscellaneous (%)	0676	7.3350	0.05000	7.0830	0.25110	0.11500	12	1.00	2%	0
006.00	Total sugars, As sucrose (%)	0910	5.2600	0.70000				3			0
006.00	Total sugars, As sucrose (%)	0939	5.9650	0.25000				3			0
006.00	Total sugars, As sucrose (%)	0921	6.0050	0.19000				3			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	6.4000	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	6.8350	0.01000				2			0
006.03	Total sugars, Invert w/o Invsrn (%)	0693	6.6700	0.70000				1			0
006.99	Total sugars, Miscellaneous (%)	0720	2.6100	0.10000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
006.99	Total sugars, Miscellaneous (%)	0956	6.8500	0.30000				2			0
008.02	Fiber, Acid Detergent (%)	0405	4.5500	0.10000	6.6417	0.67670	0.16230	15	-3.09	16%	0
008.02	Fiber, Acid Detergent (%)	0590	5.8000	0.00000	6.6417	0.67670	0.16230	15	-1.24	6%	0
008.02	Fiber, Acid Detergent (%)	0098	6.1200	0.02000	6.6417	0.67670	0.16230	15	-0.77	4%	0
008.02	Fiber, Acid Detergent (%)	0676	6.1550	0.01000	6.6417	0.67670	0.16230	15	-0.72	4%	0
008.02	Fiber, Acid Detergent (%)	0208	6.4400	0.08000	6.6417	0.67670	0.16230	15	-0.30	2%	0
008.02	Fiber, Acid Detergent (%)	0948	6.4850	0.07000	6.6417	0.67670	0.16230	15	-0.23	1%	0
008.02	Fiber, Acid Detergent (%)	0148	6.5600	0.04000	6.6417	0.67670	0.16230	15	-0.12	1%	0
008.02	Fiber, Acid Detergent (%)	0309	6.6494	0.05450	6.6417	0.67670	0.16230	15	0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0226	6.6500	0.30000	6.6417	0.67670	0.16230	15	0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0728	6.6800	0.02000	6.6417	0.67670	0.16230	15	0.06	0%	0
008.02	Fiber, Acid Detergent (%)	0353	6.8450	0.13000	6.6417	0.67670	0.16230	15	0.30	2%	0
008.02	Fiber, Acid Detergent (%)	0504	6.9500	0.54000	6.6417	0.67670	0.16230	15	0.46	2%	0
008.02	Fiber, Acid Detergent (%)	0187	7.4250	0.11000	6.6417	0.67670	0.16230	15	1.16	6%	0
008.02	Fiber, Acid Detergent (%)	0609	7.6200	0.04000	6.6417	0.67670	0.16230	15	1.45	7%	0
008.02	Fiber, Acid Detergent (%)	0675	7.6200	0.92000	6.6417	0.67670	0.16230	15	1.45	7%	0
008.02	Fiber, Acid Detergent (%)	0038	6.2850	1.4500	6.6417	0.67670	0.16230	15	-0.53	3%	1
008.05	Fiber, Acid Detergent-Hach (%)	0265	6.6500	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	5.1900	0.10000	6.6212	0.72940	0.23674	42	-1.96	11%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	5.3650	0.09000	6.6212	0.72940	0.23674	42	-1.72	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	5.4050	0.05000	6.6212	0.72940	0.23674	42	-1.67	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	5.6400	0.38000	6.6212	0.72940	0.23674	42	-1.35	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	5.9000	0.20000	6.6212	0.72940	0.23674	42	-0.99	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	5.9200	0.14000	6.6212	0.72940	0.23674	42	-0.96	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	6.0000	0.60000	6.6212	0.72940	0.23674	42	-0.85	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	6.0550	0.01000	6.6212	0.72940	0.23674	42	-0.78	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	6.0800	0.08000	6.6212	0.72940	0.23674	42	-0.74	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	6.1000	0.00000	6.6212	0.72940	0.23674	42	-0.71	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	6.1000	0.10000	6.6212	0.72940	0.23674	42	-0.71	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0596	6.1000	0.20000	6.6212	0.72940	0.23674	42	-0.71	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	6.1750	0.03000	6.6212	0.72940	0.23674	42	-0.61	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	6.2500	0.30000	6.6212	0.72940	0.23674	42	-0.51	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	6.2635	0.65980	6.6212	0.72940	0.23674	42	-0.49	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	6.3200	0.04000	6.6212	0.72940	0.23674	42	-0.41	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	6.3350	0.77000	6.6212	0.72940	0.23674	42	-0.39	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	6.3900	0.10000	6.6212	0.72940	0.23674	42	-0.32	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	6.4550	0.35000	6.6212	0.72940	0.23674	42	-0.23	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	6.5400	0.34000	6.6212	0.72940	0.23674	42	-0.11	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	6.5500	0.02000	6.6212	0.72940	0.23674	42	-0.10	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0849	6.5825	0.03500	6.6212	0.72940	0.23674	42	-0.05	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	6.5900	0.14000	6.6212	0.72940	0.23674	42	-0.04	0%	0

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008.08	Fiber, Acid Detergent, ANKOM (%)	0001	6.7550	0.07000	6.6212	0.72940	0.23674	42	0.18	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	6.8000	0.08000	6.6212	0.72940	0.23674	42	0.25	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	6.8200	0.28000	6.6212	0.72940	0.23674	42	0.27	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	6.8500	0.10000	6.6212	0.72940	0.23674	42	0.31	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	6.9150	0.73000	6.6212	0.72940	0.23674	42	0.40	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	6.9599	0.05870	6.6212	0.72940	0.23674	42	0.46	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	7.0250	0.33000	6.6212	0.72940	0.23674	42	0.55	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	7.0750	0.37000	6.6212	0.72940	0.23674	42	0.62	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	7.1000	0.80000	6.6212	0.72940	0.23674	42	0.66	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0646	7.1050	0.03000	6.6212	0.72940	0.23674	42	0.66	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	7.2500	0.10000	6.6212	0.72940	0.23674	42	0.86	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	7.2900	0.12000	6.6212	0.72940	0.23674	42	0.92	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	7.3663	0.01750	6.6212	0.72940	0.23674	42	1.02	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	7.5150	0.71000	6.6212	0.72940	0.23674	42	1.23	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0937	7.6250	0.05000	6.6212	0.72940	0.23674	42	1.38	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	7.6300	0.08000	6.6212	0.72940	0.23674	42	1.38	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	7.6500	0.42000	6.6212	0.72940	0.23674	42	1.41	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	8.6000	0.40000	6.6212	0.72940	0.23674	42	2.71	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	9.6000	0.46200	6.6212	0.72940	0.23674	42	4.08	22%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0610	5.6000	0.00000	6.6250	0.81803	0.09000	4	-1.25	8%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	6.4000	0.20000	6.6250	0.81803	0.09000	4	-0.28	2%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	7.0000	0.00000	6.6250	0.81803	0.09000	4	0.46	3%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	7.5000	0.16000	6.6250	0.81803	0.09000	4	1.07	7%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	14.465	0.61000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	12.100	0.80000	13.923	1.4062	0.41614	12	-1.30	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	12.100	0.40000	13.923	1.4062	0.41614	12	-1.30	7%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	12.740	0.36000	13.923	1.4062	0.41614	12	-0.84	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0610	12.850	0.30000	13.923	1.4062	0.41614	12	-0.76	4%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	14.000	0.20000	13.923	1.4062	0.41614	12	0.05	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	14.035	0.07000	13.923	1.4062	0.41614	12	0.08	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	14.225	0.01000	13.923	1.4062	0.41614	12	0.21	1%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	14.350	1.5000	13.923	1.4062	0.41614	12	0.30	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	14.685	0.53000	13.923	1.4062	0.41614	12	0.54	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0676	14.700	0.50000	13.923	1.4062	0.41614	12	0.55	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	15.261	0.05370	13.923	1.4062	0.41614	12	0.95	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	19.975	0.27000	13.923	1.4062	0.41614	12	4.30	22%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	10.500	0.20000	13.693	1.3903	0.46152	34	-2.30	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	10.915	0.29000	13.693	1.3903	0.46152	34	-2.00	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	11.550	0.50000	13.693	1.3903	0.46152	34	-1.54	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	12.250	0.10000	13.693	1.3903	0.46152	34	-1.04	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	12.320	0.02000	13.693	1.3903	0.46152	34	-0.99	5%	0

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009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	12.550	0.90000	13.693	1.3903	0.46152	34	-0.82	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	12.655	0.09000	13.693	1.3903	0.46152	34	-0.75	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	12.700	0.20000	13.693	1.3903	0.46152	34	-0.71	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0596	12.750	0.10000	13.693	1.3903	0.46152	34	-0.68	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	12.785	0.51000	13.693	1.3903	0.46152	34	-0.65	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	12.855	0.31000	13.693	1.3903	0.46152	34	-0.60	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	12.990	0.46000	13.693	1.3903	0.46152	34	-0.51	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	13.200	0.80000	13.693	1.3903	0.46152	34	-0.35	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	13.500	0.40000	13.693	1.3903	0.46152	34	-0.14	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	13.565	0.69000	13.693	1.3903	0.46152	34	-0.09	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	13.575	0.37000	13.693	1.3903	0.46152	34	-0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0646	13.575	0.31000	13.693	1.3903	0.46152	34	-0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	13.670	0.14000	13.693	1.3903	0.46152	34	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	13.800	1.0800	13.693	1.3903	0.46152	34	0.08	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	13.862	0.19870	13.693	1.3903	0.46152	34	0.12	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	13.927	0.61910	13.693	1.3903	0.46152	34	0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	14.000	0.60000	13.693	1.3903	0.46152	34	0.22	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	14.020	0.14000	13.693	1.3903	0.46152	34	0.24	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	14.035	0.83000	13.693	1.3903	0.46152	34	0.25	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	14.250	0.30000	13.693	1.3903	0.46152	34	0.40	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	14.850	0.10000	13.693	1.3903	0.46152	34	0.83	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0849	14.875	0.05000	13.693	1.3903	0.46152	34	0.85	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	14.967	0.34400	13.693	1.3903	0.46152	34	0.92	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	15.030	0.06000	13.693	1.3903	0.46152	34	0.96	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	15.190	2.1800	13.693	1.3903	0.46152	34	1.08	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	15.650	0.50000	13.693	1.3903	0.46152	34	1.41	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	16.090	0.68000	13.693	1.3903	0.46152	34	1.72	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	17.000	1.4000	13.693	1.3903	0.46152	34	2.38	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	20.250	0.22000	13.693	1.3903	0.46152	34	4.72	24%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	18.995	3.3500	13.693	1.3903	0.46152	34	3.81	19%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	12.410	0.52000	14.070	2.6331	0.37000	4	-0.63	6%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	12.610	0.76000	14.070	2.6331	0.37000	4	-0.55	5%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	13.280	0.20000	14.070	2.6331	0.37000	4	-0.30	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	17.980	0.00000	14.070	2.6331	0.37000	4	1.48	14%	0
010.03	Moisture, Karl-Fischer (%)	0843	8.1150	0.19000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.5850	0.09000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	8.8800	0.02000				3			0
010.11	Moisture, NIR (%)	0889	8.3000	0.04000	9.1064	0.71741	0.08393	6	-1.12	4%	0
010.11	Moisture, NIR (%)	2120	8.6700	0.06000	9.1064	0.71741	0.08393	6	-0.61	2%	0
010.11	Moisture, NIR (%)	2121	8.7550	0.19000	9.1064	0.71741	0.08393	6	-0.49	2%	0
010.11	Moisture, NIR (%)	2128	9.2886	0.02360	9.1064	0.71741	0.08393	6	0.25	1%	0

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010.11	Moisture, NIR (%)	0852	9.7550	0.13000	9.1064	0.71741	0.08393	6	0.90	4%	0
010.11	Moisture, NIR (%)	0720	9.8700	0.06000	9.1064	0.71741	0.08393	6	1.06	4%	0
010.99	Moisture, Miscellaneous (%)	0555	5.7000	0.60000	8.4123	0.57355	0.16356	18	-4.73	16%	0
010.99	Moisture, Miscellaneous (%)	0405	7.3000	0.20000	8.4123	0.57355	0.16356	18	-1.94	7%	0
010.99	Moisture, Miscellaneous (%)	2089	7.6700	0.26000	8.4123	0.57355	0.16356	18	-1.29	4%	0
010.99	Moisture, Miscellaneous (%)	0692	7.8400	0.68000	8.4123	0.57355	0.16356	18	-1.00	3%	0
010.99	Moisture, Miscellaneous (%)	0019	8.1550	0.11000	8.4123	0.57355	0.16356	18	-0.45	2%	0
010.99	Moisture, Miscellaneous (%)	0964	8.3020	0.03400	8.4123	0.57355	0.16356	18	-0.19	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.3750	0.31000	8.4123	0.57355	0.16356	18	-0.06	0%	0
010.99	Moisture, Miscellaneous (%)	0948	8.3900	0.10000	8.4123	0.57355	0.16356	18	-0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0917	8.4000	0.00000	8.4123	0.57355	0.16356	18	-0.02	0%	0
010.99	Moisture, Miscellaneous (%)	0884	8.5000	0.00000	8.4123	0.57355	0.16356	18	0.15	1%	0
010.99	Moisture, Miscellaneous (%)	0952	8.5100	0.00000	8.4123	0.57355	0.16356	18	0.17	1%	0
010.99	Moisture, Miscellaneous (%)	2043	8.5250	0.03000	8.4123	0.57355	0.16356	18	0.20	1%	0
010.99	Moisture, Miscellaneous (%)	0921	8.7450	0.01000	8.4123	0.57355	0.16356	18	0.58	2%	0
010.99	Moisture, Miscellaneous (%)	2129	8.8000	0.12000	8.4123	0.57355	0.16356	18	0.68	2%	0
010.99	Moisture, Miscellaneous (%)	2150	8.8400	0.10000	8.4123	0.57355	0.16356	18	0.75	3%	0
010.99	Moisture, Miscellaneous (%)	0190	8.8900	0.04000	8.4123	0.57355	0.16356	18	0.83	3%	0
010.99	Moisture, Miscellaneous (%)	0726	9.1350	0.01000	8.4123	0.57355	0.16356	18	1.26	4%	0
010.99	Moisture, Miscellaneous (%)	2105	9.2400	0.34000	8.4123	0.57355	0.16356	18	1.44	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.9700	0.18000	9.1387	0.37491	0.09174	73	-3.12	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0554	8.1700	0.30000	9.1387	0.37491	0.09174	73	-2.58	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	8.2100	0.00000	9.1387	0.37491	0.09174	73	-2.48	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	8.2850	0.05000	9.1387	0.37491	0.09174	73	-2.28	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.4762	0.33410	9.1387	0.37491	0.09174	73	-1.77	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	8.4850	0.03000	9.1387	0.37491	0.09174	73	-1.74	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	8.5900	0.06000	9.1387	0.37491	0.09174	73	-1.46	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	8.6000	0.10000	9.1387	0.37491	0.09174	73	-1.44	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.6845	0.10500	9.1387	0.37491	0.09174	73	-1.21	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	8.7300	0.02000	9.1387	0.37491	0.09174	73	-1.09	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	8.7365	0.32570	9.1387	0.37491	0.09174	73	-1.07	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.7850	0.05000	9.1387	0.37491	0.09174	73	-0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	8.8000	0.00000	9.1387	0.37491	0.09174	73	-0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.8050	0.17000	9.1387	0.37491	0.09174	73	-0.89	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.8100	0.08000	9.1387	0.37491	0.09174	73	-0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	8.8100	0.02000	9.1387	0.37491	0.09174	73	-0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0062	8.8400	0.02000	9.1387	0.37491	0.09174	73	-0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.8600	0.16000	9.1387	0.37491	0.09174	73	-0.74	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	8.8700	0.04000	9.1387	0.37491	0.09174	73	-0.72	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	8.9000	0.00000	9.1387	0.37491	0.09174	73	-0.64	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.9000	0.20000	9.1387	0.37491	0.09174	73	-0.64	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	
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.9200	0.06000	9.1387	0.37491	0.09174	73	-0.58	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	9.0050	0.05000	9.1387	0.37491	0.09174	73	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	9.0060	0.01000	9.1387	0.37491	0.09174	73	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.0090	0.19600	9.1387	0.37491	0.09174	73	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	9.0200	0.02000	9.1387	0.37491	0.09174	73	-0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	9.0350	0.01000	9.1387	0.37491	0.09174	73	-0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	9.0396	0.00000	9.1387	0.37491	0.09174	73	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0123	9.0500	0.20000	9.1387	0.37491	0.09174	73	-0.24	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	9.0600	0.04000	9.1387	0.37491	0.09174	73	-0.21	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	9.0750	0.21000	9.1387	0.37491	0.09174	73	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	9.0750	0.15000	9.1387	0.37491	0.09174	73	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.0900	0.00000	9.1387	0.37491	0.09174	73	-0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	9.1700	0.08000	9.1387	0.37491	0.09174	73	0.08	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	9.1750	0.01000	9.1387	0.37491	0.09174	73	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0138	9.1810	0.05000	9.1387	0.37491	0.09174	73	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	9.1835	0.03300	9.1387	0.37491	0.09174	73	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.1850	0.11000	9.1387	0.37491	0.09174	73	0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	9.2000	0.02000	9.1387	0.37491	0.09174	73	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	9.2000	0.06000	9.1387	0.37491	0.09174	73	0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0596	9.2050	0.05000	9.1387	0.37491	0.09174	73	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	9.2150	0.15000	9.1387	0.37491	0.09174	73	0.20	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	9.2250	0.13000	9.1387	0.37491	0.09174	73	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.2250	0.13000	9.1387	0.37491	0.09174	73	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	9.2250	0.01000	9.1387	0.37491	0.09174	73	0.23	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	9.2350	0.03000	9.1387	0.37491	0.09174	73	0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	9.2450	0.03000	9.1387	0.37491	0.09174	73	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	9.2600	0.02000	9.1387	0.37491	0.09174	73	0.32	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	9.2850	0.03000	9.1387	0.37491	0.09174	73	0.39	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	9.3000	0.02000	9.1387	0.37491	0.09174	73	0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	9.3350	0.11000	9.1387	0.37491	0.09174	73	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	9.3450	0.09000	9.1387	0.37491	0.09174	73	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.3450	0.09000	9.1387	0.37491	0.09174	73	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	9.3450	0.23000	9.1387	0.37491	0.09174	73	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	9.3750	0.05000	9.1387	0.37491	0.09174	73	0.63	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	9.3950	0.01000	9.1387	0.37491	0.09174	73	0.68	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	9.3969	0.07820	9.1387	0.37491	0.09174	73	0.69	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	9.4374	0.05760	9.1387	0.37491	0.09174	73	0.80	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0957	9.4700	0.28000	9.1387	0.37491	0.09174	73	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	9.4800	0.04000	9.1387	0.37491	0.09174	73	0.91	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	9.5000	0.40000	9.1387	0.37491	0.09174	73	0.96	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	9.5000	0.00000	9.1387	0.37491	0.09174	73	0.96	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	
011.01	Loss on Drying, 135°C 2hr (%)	0407	9.5131	0.03570	9.1387	0.37491	0.09174	73	1.00	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	9.5300	0.04000	9.1387	0.37491	0.09174	73	1.04	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	9.5500	0.10000	9.1387	0.37491	0.09174	73	1.10	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	9.6000	0.12000	9.1387	0.37491	0.09174	73	1.23	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	9.6050	0.01000	9.1387	0.37491	0.09174	73	1.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	9.6520	0.01800	9.1387	0.37491	0.09174	73	1.37	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	9.6750	0.01000	9.1387	0.37491	0.09174	73	1.43	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.6970	0.18400	9.1387	0.37491	0.09174	73	1.49	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	9.7400	0.10000	9.1387	0.37491	0.09174	73	1.60	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	9.8050	0.15000	9.1387	0.37491	0.09174	73	1.78	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	9.9600	0.34000	9.1387	0.37491	0.09174	73	2.19	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	7.7750	0.79000	9.1387	0.37491	0.09174	73	-3.64	7%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	8.9050	0.07000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	9.0050	0.11000				2			0
011.03	Loss on drying, 130°C, 1 hour, Flour (%)	0681	8.4750	0.19000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	9.0500	0.10000	9.2650	0.16036	0.11500	4	-1.34	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.2650	0.15000	9.2650	0.16036	0.11500	4	0.00	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	9.3100	0.18000	9.2650	0.16036	0.11500	4	0.28	0%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	9.4350	0.03000	9.2650	0.16036	0.11500	4	1.06	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	23.370	0.22000	27.274	1.1646	0.21083	12	-3.35	7%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	26.300	0.42000	27.274	1.1646	0.21083	12	-0.84	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	26.350	0.10000	27.274	1.1646	0.21083	12	-0.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	26.350	0.70000	27.274	1.1646	0.21083	12	-0.79	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	27.150	0.10000	27.274	1.1646	0.21083	12	-0.11	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	27.300	0.00000	27.274	1.1646	0.21083	12	0.02	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	27.350	0.90000	27.274	1.1646	0.21083	12	0.07	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	27.425	0.05000	27.274	1.1646	0.21083	12	0.13	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	27.675	0.03000	27.274	1.1646	0.21083	12	0.34	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	28.336	0.00000	27.274	1.1646	0.21083	12	0.91	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	28.500	0.00000	27.274	1.1646	0.21083	12	1.05	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	29.195	0.01000	27.274	1.1646	0.21083	12	1.65	4%	0
012.01	Starch, Megazyme (%)	0918	18.813	1.5920	22.639	1.6950	0.74245	8	-2.26	8%	0
012.01	Starch, Megazyme (%)	0164	21.300	0.00000	22.639	1.6950	0.74245	8	-0.79	3%	0
012.01	Starch, Megazyme (%)	0676	21.975	0.49000	22.639	1.6950	0.74245	8	-0.39	1%	0
012.01	Starch, Megazyme (%)	0265	22.500	0.40000	22.639	1.6950	0.74245	8	-0.08	0%	0
012.01	Starch, Megazyme (%)	0613	23.005	0.61000	22.639	1.6950	0.74245	8	0.22	1%	0
012.01	Starch, Megazyme (%)	0956	23.600	1.2000	22.639	1.6950	0.74245	8	0.57	2%	0
012.01	Starch, Megazyme (%)	0870	23.989	0.94760	22.639	1.6950	0.74245	8	0.80	3%	0
012.01	Starch, Megazyme (%)	0045	24.650	0.70000	22.639	1.6950	0.74245	8	1.19	4%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	29.025	0.75000				1			0
012.03	Starch, Enzymatic (%)	0885	22.470	0.05010	24.537	1.6842	0.34802	5	-1.23	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	
012.03	Starch, Enzymatic (%)	0098	23.950	0.90000	24.537	1.6842	0.34802	5	-0.35	1%	0
012.03	Starch, Enzymatic (%)	0407	24.065	0.11000	24.537	1.6842	0.34802	5	-0.28	1%	0
012.03	Starch, Enzymatic (%)	0297	25.200	0.54000	24.537	1.6842	0.34802	5	0.39	1%	0
012.03	Starch, Enzymatic (%)	0889	27.000	0.14000	24.537	1.6842	0.34802	5	1.46	5%	0
012.04	Starch, YSI Analyzer (%)	0278	22.700	0.20000	24.006	0.08731	0.35400	5	-14.96	3%	0
012.04	Starch, YSI Analyzer (%)	0948	23.920	0.48000	24.006	0.08731	0.35400	5	-0.99	0%	0
012.04	Starch, YSI Analyzer (%)	0353	23.945	0.11000	24.006	0.08731	0.35400	5	-0.70	0%	0
012.04	Starch, YSI Analyzer (%)	0160	24.060	0.58000	24.006	0.08731	0.35400	5	0.62	0%	0
012.04	Starch, YSI Analyzer (%)	0510	24.100	0.40000	24.006	0.08731	0.35400	5	1.07	0%	0
012.11	Starch, NIR (%)	2128	24.455	0.81200	24.860	0.48241	0.47440	5	-0.84	1%	0
012.11	Starch, NIR (%)	0852	24.580	0.00000	24.860	0.48241	0.47440	5	-0.58	1%	0
012.11	Starch, NIR (%)	0297	24.870	1.2400	24.860	0.48241	0.47440	5	0.02	0%	0
012.11	Starch, NIR (%)	0889	25.535	0.03000	24.860	0.48241	0.47440	5	1.40	1%	0
012.11	Starch, NIR (%)	0720	28.775	0.29000	24.860	0.48241	0.47440	5	8.12	8%	0
013.00	Fat, Acid hydrolysis (%)	0689	2.9500	0.30000	4.0368	0.45417	0.16886	22	-2.39	13%	0
013.00	Fat, Acid hydrolysis (%)	2146	3.5550	0.05000	4.0368	0.45417	0.16886	22	-1.06	6%	0
013.00	Fat, Acid hydrolysis (%)	2080	3.5650	0.09000	4.0368	0.45417	0.16886	22	-1.04	6%	0
013.00	Fat, Acid hydrolysis (%)	0083	3.6450	0.07000	4.0368	0.45417	0.16886	22	-0.86	5%	0
013.00	Fat, Acid hydrolysis (%)	2144	3.7100	0.02000	4.0368	0.45417	0.16886	22	-0.72	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	3.7400	0.42000	4.0368	0.45417	0.16886	22	-0.65	4%	0
013.00	Fat, Acid hydrolysis (%)	0242	3.7550	0.11000	4.0368	0.45417	0.16886	22	-0.62	3%	0
013.00	Fat, Acid hydrolysis (%)	0910	3.7850	0.13000	4.0368	0.45417	0.16886	22	-0.55	3%	0
013.00	Fat, Acid hydrolysis (%)	0541	3.8550	0.23000	4.0368	0.45417	0.16886	22	-0.40	2%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.9257	0.23490	4.0368	0.45417	0.16886	22	-0.24	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	4.0000	0.10000	4.0368	0.45417	0.16886	22	-0.08	0%	0
013.00	Fat, Acid hydrolysis (%)	0652	4.0500	0.10000	4.0368	0.45417	0.16886	22	0.03	0%	0
013.00	Fat, Acid hydrolysis (%)	0681	4.0700	0.02000	4.0368	0.45417	0.16886	22	0.07	0%	0
013.00	Fat, Acid hydrolysis (%)	0884	4.1000	0.00000	4.0368	0.45417	0.16886	22	0.14	1%	0
013.00	Fat, Acid hydrolysis (%)	0098	4.1400	0.06000	4.0368	0.45417	0.16886	22	0.23	1%	0
013.00	Fat, Acid hydrolysis (%)	2145	4.1750	0.01000	4.0368	0.45417	0.16886	22	0.30	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	4.2950	0.21000	4.0368	0.45417	0.16886	22	0.57	3%	0
013.00	Fat, Acid hydrolysis (%)	2057	4.3150	0.21000	4.0368	0.45417	0.16886	22	0.61	3%	0
013.00	Fat, Acid hydrolysis (%)	0615	4.6200	0.52000	4.0368	0.45417	0.16886	22	1.28	7%	0
013.00	Fat, Acid hydrolysis (%)	0139	4.7350	0.21000	4.0368	0.45417	0.16886	22	1.54	9%	0
013.00	Fat, Acid hydrolysis (%)	0202	4.8650	0.01000	4.0368	0.45417	0.16886	22	1.82	10%	0
013.00	Fat, Acid hydrolysis (%)	2076	5.5950	0.61000	4.0368	0.45417	0.16886	22	3.43	19%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	2.7350	0.03000	4.3806	0.44469	0.22522	19	-3.70	19%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	3.0150	0.63000	4.3806	0.44469	0.22522	19	-3.07	16%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	3.4350	0.29000	4.3806	0.44469	0.22522	19	-2.13	11%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	4.0700	0.30000	4.3806	0.44469	0.22522	19	-0.70	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	4.1000	0.18000	4.3806	0.44469	0.22522	19	-0.63	3%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0921	4.1100	0.94000	4.3806	0.44469	0.22522	19	-0.61	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	4.1350	0.67000	4.3806	0.44469	0.22522	19	-0.55	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	4.3850	0.23000	4.3806	0.44469	0.22522	19	0.01	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	4.4850	0.07000	4.3806	0.44469	0.22522	19	0.23	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	4.5350	0.07000	4.3806	0.44469	0.22522	19	0.35	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0957	4.5650	0.25000	4.3806	0.44469	0.22522	19	0.41	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	4.5708	0.10920	4.3806	0.44469	0.22522	19	0.43	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	4.5950	0.15000	4.3806	0.44469	0.22522	19	0.48	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	4.6000	0.06000	4.3806	0.44469	0.22522	19	0.49	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	4.6400	0.14000	4.3806	0.44469	0.22522	19	0.58	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	4.6600	0.04000	4.3806	0.44469	0.22522	19	0.63	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0160	4.7750	0.09000	4.3806	0.44469	0.22522	19	0.89	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	4.8450	0.03000	4.3806	0.44469	0.22522	19	1.04	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	5.0200	0.00000	4.3806	0.44469	0.22522	19	1.44	7%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	2.6300	0.00000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	2.3094	0.05910	3.6542	0.35935	0.12985	6	-3.74	18%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0638	3.5000	0.20000	3.6542	0.35935	0.12985	6	-0.43	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0554	3.6050	0.15000	3.6542	0.35935	0.12985	6	-0.14	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	3.8700	0.14000	3.6542	0.35935	0.12985	6	0.60	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	3.9100	0.12000	3.6542	0.35935	0.12985	6	0.71	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	3.9250	0.11000	3.6542	0.35935	0.12985	6	0.75	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	3.2600	0.92000	3.8397	0.56848	0.32780	5	-1.02	8%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	3.2785	0.03900	3.8397	0.56848	0.32780	5	-0.99	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	4.0000	0.20000	3.8397	0.56848	0.32780	5	0.28	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	4.0700	0.36000	3.8397	0.56848	0.32780	5	0.41	3%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	4.5900	0.12000	3.8397	0.56848	0.32780	5	1.32	10%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	65.525	1.4500				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	79.000	4.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	98.150	3.5000				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	74.900	7.0000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	49.000	2.0000	88.102	39.088	1.4782	7	-1.00	22%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	60.641	0.43900	88.102	39.088	1.4782	7	-0.70	16%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	63.000	0.00000	88.102	39.088	1.4782	7	-0.64	14%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	88.550	1.9000	88.102	39.088	1.4782	7	0.01	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0032	93.289	1.0087	88.102	39.088	1.4782	7	0.13	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	115.50	5.0000	88.102	39.088	1.4782	7	0.70	16%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0021	170.00	0.00000	88.102	39.088	1.4782	7	2.10	46%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	2080	47.580	0.48000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	87.500	4.2000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	16.380	0.40000	17.856	1.3953	0.54750	4	-1.06	4%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	17.335	0.79000	17.856	1.3953	0.54750	4	-0.37	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	18.020	0.74000	17.856	1.3953	0.54750	4	0.12	0%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	19.690	0.26000	17.856	1.3953	0.54750	4	1.31	5%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	14.700	0.20000	16.817	2.8829	0.55000	4	-0.73	6%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	15.650	0.10000	16.817	2.8829	0.55000	4	-0.40	3%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	16.450	1.9000	16.817	2.8829	0.55000	4	-0.13	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	20.100	0.00000	16.817	2.8829	0.55000	4	1.14	10%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	16.885	0.91000	17.462	0.90106	0.97750	4	-0.64	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	17.000	0.00000	17.462	0.90106	0.97750	4	-0.51	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	18.500	3.0000	17.462	0.90106	0.97750	4	1.15	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0021	44.000	0.00000	17.462	0.90106	0.97750	4	29.45	76%	0
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	2080	13.680	1.3600				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	1.0350	0.03000	1.3062	0.07020	0.01254	12	-3.86	10%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.2260	0.01000	1.3062	0.07020	0.01254	12	-1.14	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.2624	0.01450	1.3062	0.07020	0.01254	12	-0.63	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	1.2805	0.00100	1.3062	0.07020	0.01254	12	-0.37	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.2925	0.02700	1.3062	0.07020	0.01254	12	-0.20	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.2950	0.01000	1.3062	0.07020	0.01254	12	-0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0937	1.3000	0.00000	1.3062	0.07020	0.01254	12	-0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.3125	0.02500	1.3062	0.07020	0.01254	12	0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.3485	0.00300	1.3062	0.07020	0.01254	12	0.60	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.3700	0.02000	1.3062	0.07020	0.01254	12	0.91	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.3750	0.01000	1.3062	0.07020	0.01254	12	0.98	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0681	1.4800	0.00000	1.3062	0.07020	0.01254	12	2.48	7%	0
019.02	Calcium, Hach Method (%)	2128	2.1210	0.02800				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.3903	0.01740				1			0
019.08	Calcium, EDTA (%)	0138	1.2055	0.00500	1.3008	0.08233	0.00799	8	-1.16	4%	0
019.08	Calcium, EDTA (%)	0629	1.2450	0.01000	1.3008	0.08233	0.00799	8	-0.68	2%	0
019.08	Calcium, EDTA (%)	0885	1.2629	0.00120	1.3008	0.08233	0.00799	8	-0.46	1%	0
019.08	Calcium, EDTA (%)	0590	1.2800	0.00000	1.3008	0.08233	0.00799	8	-0.25	1%	0
019.08	Calcium, EDTA (%)	0849	1.2865	0.01300	1.3008	0.08233	0.00799	8	-0.17	1%	0
019.08	Calcium, EDTA (%)	2009	1.3175	0.00470	1.3008	0.08233	0.00799	8	0.20	1%	0
019.08	Calcium, EDTA (%)	0689	1.3850	0.03000	1.3008	0.08233	0.00799	8	1.02	3%	0
019.08	Calcium, EDTA (%)	0852	2.0000	0.00000	1.3008	0.08233	0.00799	8	8.49	27%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.3865	0.01300				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	1.1700	0.02000	1.2893	0.05706	0.03145	30	-2.09	5%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.2000	0.02000	1.2893	0.05706	0.03145	30	-1.56	3%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.2150	0.03000	1.2893	0.05706	0.03145	30	-1.30	3%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.2154	0.03870	1.2893	0.05706	0.03145	30	-1.30	3%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.2190	0.18600	1.2893	0.05706	0.03145	30	-1.23	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.2229	0.01780	1.2893	0.05706	0.03145	30	-1.16	3%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.2500	0.10000	1.2893	0.05706	0.03145	30	-0.69	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0638	1.2600	0.00000	1.2893	0.05706	0.03145	30	-0.51	1%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.2650	0.01000	1.2893	0.05706	0.03145	30	-0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.2715	0.01100	1.2893	0.05706	0.03145	30	-0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.2750	0.13000	1.2893	0.05706	0.03145	30	-0.25	1%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.2800	0.08000	1.2893	0.05706	0.03145	30	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.2850	0.01000	1.2893	0.05706	0.03145	30	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.2900	0.00000	1.2893	0.05706	0.03145	30	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.3000	0.00000	1.2893	0.05706	0.03145	30	0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.3006	0.00010	1.2893	0.05706	0.03145	30	0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0723	1.3020	0.00000	1.2893	0.05706	0.03145	30	0.22	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.3050	0.03000	1.2893	0.05706	0.03145	30	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.3050	0.01000	1.2893	0.05706	0.03145	30	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.3050	0.01000	1.2893	0.05706	0.03145	30	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.3050	0.01000	1.2893	0.05706	0.03145	30	0.28	1%	0
019.31	Calcium, AAS, Dry ash (%)	0152	1.3100	0.00000	1.2893	0.05706	0.03145	30	0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.3100	0.06000	1.2893	0.05706	0.03145	30	0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.3200	0.00000	1.2893	0.05706	0.03145	30	0.54	1%	0
019.31	Calcium, AAS, Dry ash (%)	0868	1.3350	0.01000	1.2893	0.05706	0.03145	30	0.80	2%	0
019.31	Calcium, AAS, Dry ash (%)	2144	1.3400	0.02000	1.2893	0.05706	0.03145	30	0.89	2%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.3600	0.02000	1.2893	0.05706	0.03145	30	1.24	3%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.3900	0.00000	1.2893	0.05706	0.03145	30	1.77	4%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.4110	0.00000	1.2893	0.05706	0.03145	30	2.13	5%	0
019.31	Calcium, AAS, Dry ash (%)	0018	1.6100	0.12000	1.2893	0.05706	0.03145	30	5.62	12%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.3750	0.21000	1.2893	0.05706	0.03145	30	1.50	3%	1
019.32	Calcium, AAS, Open vessel (%)	0504	1.3190	0.00600	1.4423	0.16173	0.01650	4	-0.76	4%	0
019.32	Calcium, AAS, Open vessel (%)	0169	1.3750	0.01000	1.4423	0.16173	0.01650	4	-0.42	2%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.3950	0.03000	1.4423	0.16173	0.01650	4	-0.29	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.6800	0.02000	1.4423	0.16173	0.01650	4	1.47	8%	0
019.33	Calcium, AAS, Microwave (%)	0504	1.3370	0.12400				2			0
019.33	Calcium, AAS, Microwave (%)	0010	1.3650	0.05000				2			0
019.34	Calcium, AAS, Dry ash (%)	2080	1.2660	0.02400				1			0
019.41	Calcium, ICP, Dry ash (%)	0144	1.1500	0.02000	1.3124	0.05952	0.02493	31	-2.73	6%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.2300	0.00000	1.3124	0.05952	0.02493	31	-1.38	3%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.2300	0.04000	1.3124	0.05952	0.02493	31	-1.38	3%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.2350	0.01000	1.3124	0.05952	0.02493	31	-1.30	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.2400	0.04000	1.3124	0.05952	0.02493	31	-1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0083	1.2505	0.00100	1.3124	0.05952	0.02493	31	-1.04	2%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.2750	0.01000	1.3124	0.05952	0.02493	31	-0.63	1%	0
019.41	Calcium, ICP, Dry ash (%)	0011	1.2797	0.02790	1.3124	0.05952	0.02493	31	-0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.2850	0.07000	1.3124	0.05952	0.02493	31	-0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.2900	0.02000	1.3124	0.05952	0.02493	31	-0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0298	1.2900	0.02000	1.3124	0.05952	0.02493	31	-0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.2950	0.01000	1.3124	0.05952	0.02493	31	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	1.3000	0.00000	1.3124	0.05952	0.02493	31	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.3000	0.00000	1.3124	0.05952	0.02493	31	-0.21	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.3050	0.07000	1.3124	0.05952	0.02493	31	-0.12	0%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.3150	0.01000	1.3124	0.05952	0.02493	31	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.3200	0.02000	1.3124	0.05952	0.02493	31	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0123	1.3200	0.00000	1.3124	0.05952	0.02493	31	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.3210	0.00400	1.3124	0.05952	0.02493	31	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.3225	0.00300	1.3124	0.05952	0.02493	31	0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0300	1.3365	0.06300	1.3124	0.05952	0.02493	31	0.40	1%	0
019.41	Calcium, ICP, Dry ash (%)	0610	1.3400	0.04000	1.3124	0.05952	0.02493	31	0.46	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.3460	0.02290	1.3124	0.05952	0.02493	31	0.56	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.3505	0.02900	1.3124	0.05952	0.02493	31	0.64	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	1.3600	0.02000	1.3124	0.05952	0.02493	31	0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.3650	0.09000	1.3124	0.05952	0.02493	31	0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.3850	0.07000	1.3124	0.05952	0.02493	31	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.3850	0.03000	1.3124	0.05952	0.02493	31	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.3880	0.00600	1.3124	0.05952	0.02493	31	1.27	3%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.4000	0.00000	1.3124	0.05952	0.02493	31	1.47	3%	0
019.41	Calcium, ICP, Dry ash (%)	2146	1.4130	0.02600	1.3124	0.05952	0.02493	31	1.69	4%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.3000	0.20000	1.3124	0.05952	0.02493	31	-0.21	0%	1
019.42	Calcium, ICP, Open vessel (%)	0186	1.2365	0.03500	1.3291	0.09286	0.03899	23	-1.00	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.2390	0.07200	1.3291	0.09286	0.03899	23	-0.97	3%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.2400	0.00000	1.3291	0.09286	0.03899	23	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.2400	0.00000	1.3291	0.09286	0.03899	23	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.2400	0.00000	1.3291	0.09286	0.03899	23	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.2400	0.02000	1.3291	0.09286	0.03899	23	-0.96	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.2748	0.00220	1.3291	0.09286	0.03899	23	-0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.2800	0.00000	1.3291	0.09286	0.03899	23	-0.53	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.2850	0.04400	1.3291	0.09286	0.03899	23	-0.48	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.2900	0.16000	1.3291	0.09286	0.03899	23	-0.42	1%	0
019.42	Calcium, ICP, Open vessel (%)	0555	1.2952	0.00830	1.3291	0.09286	0.03899	23	-0.37	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.3100	0.16000	1.3291	0.09286	0.03899	23	-0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.3135	0.02500	1.3291	0.09286	0.03899	23	-0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.3150	0.01000	1.3291	0.09286	0.03899	23	-0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.3450	0.01000	1.3291	0.09286	0.03899	23	0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.3750	0.07000	1.3291	0.09286	0.03899	23	0.49	2%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.3900	0.02000	1.3291	0.09286	0.03899	23	0.66	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.4150	0.15000	1.3291	0.09286	0.03899	23	0.92	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.4200	0.02000	1.3291	0.09286	0.03899	23	0.98	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	
019.42	Calcium, ICP, Open vessel (%)	0357	1.4205	0.00020	1.3291	0.09286	0.03899	23	0.98	3%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.5000	0.06000	1.3291	0.09286	0.03899	23	1.84	6%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.5000	0.00000	1.3291	0.09286	0.03899	23	1.84	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.5150	0.03000	1.3291	0.09286	0.03899	23	2.00	7%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.4050	0.29000	1.3291	0.09286	0.03899	23	0.82	3%	1
019.43	Calcium, ICP, Microwave (%)	0021	0.99500	0.01000	1.3079	0.07387	0.02772	21	-4.24	12%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.2050	0.01000	1.3079	0.07387	0.02772	21	-1.39	4%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.2200	0.06000	1.3079	0.07387	0.02772	21	-1.19	3%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.2450	0.03000	1.3079	0.07387	0.02772	21	-0.85	2%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.2646	0.06110	1.3079	0.07387	0.02772	21	-0.59	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.2750	0.01000	1.3079	0.07387	0.02772	21	-0.45	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.2800	0.00000	1.3079	0.07387	0.02772	21	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.2900	0.02000	1.3079	0.07387	0.02772	21	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.2960	0.00200	1.3079	0.07387	0.02772	21	-0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.2960	0.02000	1.3079	0.07387	0.02772	21	-0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.3000	0.02000	1.3079	0.07387	0.02772	21	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.3050	0.05000	1.3079	0.07387	0.02772	21	-0.04	0%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.3100	0.04000	1.3079	0.07387	0.02772	21	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.3260	0.05200	1.3079	0.07387	0.02772	21	0.25	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.3350	0.01000	1.3079	0.07387	0.02772	21	0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.3400	0.00000	1.3079	0.07387	0.02772	21	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.3400	0.00000	1.3079	0.07387	0.02772	21	0.43	1%	0
019.43	Calcium, ICP, Microwave (%)	0032	1.3850	0.07000	1.3079	0.07387	0.02772	21	1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.4685	0.08300	1.3079	0.07387	0.02772	21	2.17	6%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.4900	0.02000	1.3079	0.07387	0.02772	21	2.47	7%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.4960	0.01400	1.3079	0.07387	0.02772	21	2.55	7%	0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.1850	0.01000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.2897	0.00470				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	2080	1.3067	0.00440				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2066	0.74500	0.01000	1.2712	0.06705	0.02230	5	-7.85	21%	0
019.53	Calcium, ICP-MS, Microwave (%)	0028	1.2250	0.03000	1.2712	0.06705	0.02230	5	-0.69	2%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	1.2348	0.04150	1.2712	0.06705	0.02230	5	-0.54	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	2055	1.2550	0.01000	1.2712	0.06705	0.02230	5	-0.24	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	1.3700	0.02000	1.2712	0.06705	0.02230	5	1.47	4%	0
019.99	Calcium, Miscellaneous (%)	2105	0.31500	0.13000	1.2994	0.14529	0.04333	6	-6.78	38%	0
019.99	Calcium, Miscellaneous (%)	0889	1.2600	0.02000	1.2994	0.14529	0.04333	6	-0.27	2%	0
019.99	Calcium, Miscellaneous (%)	0242	1.2800	0.04000	1.2994	0.14529	0.04333	6	-0.13	1%	0
019.99	Calcium, Miscellaneous (%)	0035	1.3250	0.01000	1.2994	0.14529	0.04333	6	0.18	1%	0
019.99	Calcium, Miscellaneous (%)	0676	1.4100	0.00000	1.2994	0.14529	0.04333	6	0.76	4%	0
019.99	Calcium, Miscellaneous (%)	0100	1.4400	0.06000	1.2994	0.14529	0.04333	6	0.97	5%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	1.3100	0.14000	2.0580	0.87973	0.28000	5	-0.85	18%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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	
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.5000	0.00000	2.0580	0.87973	0.28000	5	-0.63	14%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	1.5800	0.26000	2.0580	0.87973	0.28000	5	-0.54	12%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	2.5000	0.20000	2.0580	0.87973	0.28000	5	0.50	11%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0596	3.4000	0.80000	2.0580	0.87973	0.28000	5	1.53	33%	0
021.34	Cobalt, AAS, Graphite furnace (mg / kg (ppm))	0610	1.4950	0.11000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.74900	0.01000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0011	1.2405	0.11100				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	1.4500	0.10000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	1.1700	0.14000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	1.2500	0.10000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	1.4400	0.04000				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	1.1950	0.15000	1.5492	0.20608	0.10228	8	-1.72	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	1.3700	0.02000	1.5492	0.20608	0.10228	8	-0.87	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	1.5500	0.10000	1.5492	0.20608	0.10228	8	0.00	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	1.5550	0.15000	1.5492	0.20608	0.10228	8	0.03	0%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	1.5700	0.04000	1.5492	0.20608	0.10228	8	0.10	1%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	1.6000	0.04000	1.5492	0.20608	0.10228	8	0.25	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0021	1.6500	0.30000	1.5492	0.20608	0.10228	8	0.49	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0032	2.1834	0.01820	1.5492	0.20608	0.10228	8	3.08	20%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.64250	0.06100	0.78813	0.11473	0.04525	4	-1.27	9%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.77500	0.01000	0.78813	0.11473	0.04525	4	-0.11	1%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.81500	0.01000	0.78813	0.11473	0.04525	4	0.23	2%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.92000	0.10000	0.78813	0.11473	0.04525	4	1.15	8%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.75150	0.03300	1.0305	0.48413	0.08852	5	-0.58	14%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	0.78320	0.00060	1.0305	0.48413	0.08852	5	-0.51	12%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.83240	0.01900	1.0305	0.48413	0.08852	5	-0.41	10%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0021	1.4500	0.30000	1.0305	0.48413	0.08852	5	0.87	20%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	1.7550	0.09000	1.0305	0.48413	0.08852	5	1.50	35%	0
021.99	Cobalt, Miscellaneous (mg / kg (ppm))	0590	1.5850	0.01000				1			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0656	17.080	1.1600	20.099	1.3288	0.44141	17	-2.27	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	18.700	0.60000	20.099	1.3288	0.44141	17	-1.05	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	18.800	0.16000	20.099	1.3288	0.44141	17	-0.98	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	18.863	0.40400	20.099	1.3288	0.44141	17	-0.93	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	19.000	0.00000	20.099	1.3288	0.44141	17	-0.83	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	19.300	0.20000	20.099	1.3288	0.44141	17	-0.60	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	19.750	0.10000	20.099	1.3288	0.44141	17	-0.26	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	19.900	0.00000	20.099	1.3288	0.44141	17	-0.15	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0638	20.000	0.00000	20.099	1.3288	0.44141	17	-0.07	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	20.255	0.03000	20.099	1.3288	0.44141	17	0.12	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	20.960	0.00000	20.099	1.3288	0.44141	17	0.65	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	21.000	0.40000	20.099	1.3288	0.44141	17	0.68	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0868	21.000	0.00000	20.099	1.3288	0.44141	17	0.68	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0884	21.200	0.00000	20.099	1.3288	0.44141	17	0.83	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2144	21.215	0.45000	20.099	1.3288	0.44141	17	0.84	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	21.630	2.0000	20.099	1.3288	0.44141	17	1.15	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	22.000	2.0000	20.099	1.3288	0.44141	17	1.43	5%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	14.294	1.1440	17.772	2.8655	2.2885	4	-1.21	10%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	17.500	5.0000	17.772	2.8655	2.2885	4	-0.10	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	18.000	2.0000	17.772	2.8655	2.2885	4	0.08	1%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	21.295	1.0100	17.772	2.8655	2.2885	4	1.23	10%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	19.440	0.70000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	20.500	1.0000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	24.300	3.8200				3			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	17.450	0.08000	20.051	1.4823	1.0917	20	-1.76	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	17.815	0.49000	20.051	1.4823	1.0917	20	-1.51	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0083	18.500	1.0000	20.051	1.4823	1.0917	20	-1.05	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	18.500	1.0000	20.051	1.4823	1.0917	20	-1.05	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	19.150	0.30000	20.051	1.4823	1.0917	20	-0.61	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	19.320	2.9800	20.051	1.4823	1.0917	20	-0.49	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	19.500	1.0000	20.051	1.4823	1.0917	20	-0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	19.650	1.7000	20.051	1.4823	1.0917	20	-0.27	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	19.764	0.17310	20.051	1.4823	1.0917	20	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	19.765	0.31000	20.051	1.4823	1.0917	20	-0.19	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	19.895	1.9700	20.051	1.4823	1.0917	20	-0.11	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	20.490	0.30000	20.051	1.4823	1.0917	20	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	20.500	1.0000	20.051	1.4823	1.0917	20	0.30	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	20.805	0.77000	20.051	1.4823	1.0917	20	0.51	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0610	21.000	0.00000	20.051	1.4823	1.0917	20	0.64	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	21.500	3.0000	20.051	1.4823	1.0917	20	0.98	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	21.550	0.70000	20.051	1.4823	1.0917	20	1.01	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2146	21.600	1.9910	20.051	1.4823	1.0917	20	1.04	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	21.885	3.0700	20.051	1.4823	1.0917	20	1.24	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	22.000	0.00000	20.051	1.4823	1.0917	20	1.31	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	21.000	6.0000	20.051	1.4823	1.0917	20	0.64	2%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0026	0.00035	0.00010	19.819	2.3705	0.58923	22	-8.36	50%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	11.830	0.14000	19.819	2.3705	0.58923	22	-3.37	20%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	13.250	0.70000	19.819	2.3705	0.58923	22	-2.77	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	16.800	0.40000	19.819	2.3705	0.58923	22	-1.27	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	18.500	0.40000	19.819	2.3705	0.58923	22	-0.56	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	19.000	0.00000	19.819	2.3705	0.58923	22	-0.35	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	19.200	0.80000	19.819	2.3705	0.58923	22	-0.26	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	19.200	0.20000	19.819	2.3705	0.58923	22	-0.26	2%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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))	0870	19.445	0.09000	19.819	2.3705	0.58923	22	-0.16	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	19.565	0.45000	19.819	2.3705	0.58923	22	-0.11	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	20.000	0.00000	19.819	2.3705	0.58923	22	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0555	20.000	0.00000	19.819	2.3705	0.58923	22	0.08	0%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	20.235	2.1300	19.819	2.3705	0.58923	22	0.18	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	20.329	0.01300	19.819	2.3705	0.58923	22	0.22	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	20.500	2.2000	19.819	2.3705	0.58923	22	0.29	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	20.700	0.40000	19.819	2.3705	0.58923	22	0.37	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0202	21.535	1.0100	19.819	2.3705	0.58923	22	0.72	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	21.615	0.03000	19.819	2.3705	0.58923	22	0.76	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	22.000	2.8000	19.819	2.3705	0.58923	22	0.92	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	22.150	0.30000	19.819	2.3705	0.58923	22	0.98	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	23.100	0.40000	19.819	2.3705	0.58923	22	1.38	8%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	23.350	0.50000	19.819	2.3705	0.58923	22	1.49	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	22.550	5.1000	19.819	2.3705	0.58923	22	1.15	7%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	16.500	1.0000	19.902	2.2275	0.71471	18	-1.53	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	17.340	1.2800	19.902	2.2275	0.71471	18	-1.15	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	17.950	0.10000	19.902	2.2275	0.71471	18	-0.88	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	18.450	0.90000	19.902	2.2275	0.71471	18	-0.65	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	18.800	0.00000	19.902	2.2275	0.71471	18	-0.49	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	19.000	0.00000	19.902	2.2275	0.71471	18	-0.41	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	19.015	1.1300	19.902	2.2275	0.71471	18	-0.40	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	19.175	0.05000	19.902	2.2275	0.71471	18	-0.33	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	19.250	0.30000	19.902	2.2275	0.71471	18	-0.29	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	19.500	1.0000	19.902	2.2275	0.71471	18	-0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	19.775	0.83000	19.902	2.2275	0.71471	18	-0.06	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	20.300	1.0000	19.902	2.2275	0.71471	18	0.18	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	20.500	1.0000	19.902	2.2275	0.71471	18	0.27	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	21.550	0.50000	19.902	2.2275	0.71471	18	0.74	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	21.588	0.87470	19.902	2.2275	0.71471	18	0.76	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	23.000	0.00000	19.902	2.2275	0.71471	18	1.39	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	24.500	1.0000	19.902	2.2275	0.71471	18	2.06	12%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	33.050	1.9000	19.902	2.2275	0.71471	18	5.90	33%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0021	190.00	0.00000	19.902	2.2275	0.71471	18	76.36	427%	2
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0555	20.940	0.12000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	2080	21.755	0.75000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	18.679	0.21250	20.426	1.6672	6.2031	4	-1.05	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	20.600	0.60000	20.426	1.6672	6.2031	4	0.10	0%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	22.000	4.0000	20.426	1.6672	6.2031	4	0.94	4%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0021	220.00	20.000	20.426	1.6672	6.2031	4	119.71	489%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	18.050	0.50000				3			0

Test Material Code # 201630

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Issue Date : 11/30/2016

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))	0242	18.500	1.0000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	19.000	0.00000				3			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	5.8500	1.7000				1			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0160	1.2050	0.07000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	141.05	0.00000	208.37	25.394	5.1739	18	-2.65	16%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0638	157.00	0.00000	208.37	25.394	5.1739	18	-2.02	12%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	180.15	13.700	208.37	25.394	5.1739	18	-1.11	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	195.00	4.0000	208.37	25.394	5.1739	18	-0.53	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	196.50	1.0000	208.37	25.394	5.1739	18	-0.47	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	197.90	0.60000	208.37	25.394	5.1739	18	-0.41	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0656	201.26	3.6400	208.37	25.394	5.1739	18	-0.28	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2144	204.49	4.4200	208.37	25.394	5.1739	18	-0.15	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	206.43	2.1400	208.37	25.394	5.1739	18	-0.08	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	210.00	0.00000	208.37	25.394	5.1739	18	0.06	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	212.97	10.330	208.37	25.394	5.1739	18	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	213.00	6.0000	208.37	25.394	5.1739	18	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	214.50	7.0000	208.37	25.394	5.1739	18	0.24	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0868	217.50	5.0000	208.37	25.394	5.1739	18	0.36	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	231.50	3.0000	208.37	25.394	5.1739	18	0.91	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	236.00	12.000	208.37	25.394	5.1739	18	1.09	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	256.50	3.0000	208.37	25.394	5.1739	18	1.90	12%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0884	264.95	17.300	208.37	25.394	5.1739	18	2.23	14%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	143.94	0.15400				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	207.30	1.0000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	377.50	5.0000				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0035	203.50	7.0000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	218.90	25.200				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0083	169.50	5.0000	201.95	8.3027	5.8917	19	-3.91	8%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	191.30	3.0000	201.95	8.3027	5.8917	19	-1.28	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	193.50	11.000	201.95	8.3027	5.8917	19	-1.02	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	195.00	8.0000	201.95	8.3027	5.8917	19	-0.84	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	197.00	8.0000	201.95	8.3027	5.8917	19	-0.60	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0610	197.00	10.000	201.95	8.3027	5.8917	19	-0.60	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	198.05	3.7000	201.95	8.3027	5.8917	19	-0.47	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	199.50	11.000	201.95	8.3027	5.8917	19	-0.29	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	201.25	3.9928	201.95	8.3027	5.8917	19	-0.08	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	201.48	7.9200	201.95	8.3027	5.8917	19	-0.06	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	202.25	10.520	201.95	8.3027	5.8917	19	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	203.00	2.0000	201.95	8.3027	5.8917	19	0.13	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	205.59	1.2100	201.95	8.3027	5.8917	19	0.44	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	206.15	2.3000	201.95	8.3027	5.8917	19	0.51	1%	0

Test Material Code # 201630

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Issue Date : 11/30/2016

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))	0226	207.00	8.0000	201.95	8.3027	5.8917	19	0.61	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	209.15	6.5000	201.95	8.3027	5.8917	19	0.87	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	212.80	1.4000	201.95	8.3027	5.8917	19	1.31	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	213.50	1.0000	201.95	8.3027	5.8917	19	1.39	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	214.00	7.4000	201.95	8.3027	5.8917	19	1.45	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	356.00	88.000	201.95	8.3027	5.8917	19	18.55	38%	2
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	0.01350	0.00300	189.01	24.681	6.4852	18	-7.66	50%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	116.24	1.4800	189.01	24.681	6.4852	18	-2.95	19%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	162.00	8.0000	189.01	24.681	6.4852	18	-1.09	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	169.95	18.500	189.01	24.681	6.4852	18	-0.77	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0555	171.00	2.0000	189.01	24.681	6.4852	18	-0.73	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	174.85	6.3000	189.01	24.681	6.4852	18	-0.57	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	179.00	2.0000	189.01	24.681	6.4852	18	-0.41	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	192.00	24.000	189.01	24.681	6.4852	18	0.12	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	192.50	5.0000	189.01	24.681	6.4852	18	0.14	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	193.15	0.10000	189.01	24.681	6.4852	18	0.17	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	195.60	8.2000	189.01	24.681	6.4852	18	0.27	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	200.50	9.0000	189.01	24.681	6.4852	18	0.47	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	202.50	1.0000	189.01	24.681	6.4852	18	0.55	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	204.50	1.8000	189.01	24.681	6.4852	18	0.63	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	205.50	19.000	189.01	24.681	6.4852	18	0.67	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	212.08	5.6500	189.01	24.681	6.4852	18	0.93	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	217.00	2.0000	189.01	24.681	6.4852	18	1.13	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	226.85	2.7000	189.01	24.681	6.4852	18	1.53	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	222.00	52.000	189.01	24.681	6.4852	18	1.34	9%	1
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	172.50	7.0000	204.06	23.443	4.2230	20	-1.35	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	174.50	9.0000	204.06	23.443	4.2230	20	-1.26	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	183.73	4.3900	204.06	23.443	4.2230	20	-0.87	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	185.50	0.00000	204.06	23.443	4.2230	20	-0.79	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	186.00	2.0000	204.06	23.443	4.2230	20	-0.77	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	189.75	2.5000	204.06	23.443	4.2230	20	-0.61	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	194.00	2.0000	204.06	23.443	4.2230	20	-0.43	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	194.42	2.2900	204.06	23.443	4.2230	20	-0.41	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	198.35	3.1000	204.06	23.443	4.2230	20	-0.24	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	199.65	3.3000	204.06	23.443	4.2230	20	-0.19	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	201.30	0.00000	204.06	23.443	4.2230	20	-0.12	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	203.00	6.0000	204.06	23.443	4.2230	20	-0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	204.00	10.000	204.06	23.443	4.2230	20	0.00	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	215.50	7.0000	204.06	23.443	4.2230	20	0.49	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	216.50	5.0000	204.06	23.443	4.2230	20	0.53	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	218.00	4.0000	204.06	23.443	4.2230	20	0.59	3%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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))	0034	226.80	3.4000	204.06	23.443	4.2230	20	0.97	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	240.21	5.7500	204.06	23.443	4.2230	20	1.54	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	248.68	7.7302	204.06	23.443	4.2230	20	1.90	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0021	360.00	0.00000	204.06	23.443	4.2230	20	6.65	38%	0
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	260.89	17.756				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	2080	181.40	5.2000				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0555	185.00	4.0000				3			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	188.56	3.3500				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	146.07	8.3800				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	211.00	4.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	183.00	6.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0590	193.00	6.0000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	205.00	16.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.20555	0.00670	0.23897	0.01060	0.00548	21	-3.15	7%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.22500	0.01000	0.23897	0.01060	0.00548	21	-1.32	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.22500	0.01000	0.23897	0.01060	0.00548	21	-1.32	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2144	0.22500	0.01000	0.23897	0.01060	0.00548	21	-1.32	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.22845	0.00850	0.23897	0.01060	0.00548	21	-0.99	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0638	0.23000	0.00000	0.23897	0.01060	0.00548	21	-0.85	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.23500	0.01000	0.23897	0.01060	0.00548	21	-0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.23950	0.00100	0.23897	0.01060	0.00548	21	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.24050	0.00900	0.23897	0.01060	0.00548	21	0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.24100	0.00400	0.23897	0.01060	0.00548	21	0.19	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.24250	0.00500	0.23897	0.01060	0.00548	21	0.33	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.24250	0.00080	0.23897	0.01060	0.00548	21	0.33	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.24300	0.00600	0.23897	0.01060	0.00548	21	0.38	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0868	0.24400	0.00400	0.23897	0.01060	0.00548	21	0.47	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.24445	0.00510	0.23897	0.01060	0.00548	21	0.52	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.24450	0.00500	0.23897	0.01060	0.00548	21	0.52	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.24500	0.01000	0.23897	0.01060	0.00548	21	0.57	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.24500	0.01000	0.23897	0.01060	0.00548	21	0.57	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.25000	0.00000	0.23897	0.01060	0.00548	21	1.04	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.25000	0.00000	0.23897	0.01060	0.00548	21	1.04	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.28000	0.00000	0.23897	0.01060	0.00548	21	3.87	9%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.21000	0.00200	0.23335	0.02074	0.00665	4	-1.13	5%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.22500	0.01000	0.23335	0.02074	0.00665	4	-0.40	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.23990	0.00360	0.23335	0.02074	0.00665	4	0.32	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0612	0.25850	0.01100	0.23335	0.02074	0.00665	4	1.21	5%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.23955	0.00850				2			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.24000	0.00000				2			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.20000	0.00000	0.24168	0.00947	0.00401	26	-4.40	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	
027.41	Magnesium, ICP, Dry ash (%)	0910	0.22500	0.01000	0.24168	0.00947	0.00401	26	-1.76	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0848	0.22865	0.00030	0.24168	0.00947	0.00401	26	-1.38	3%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.23000	0.00000	0.24168	0.00947	0.00401	26	-1.23	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.23225	0.00170	0.24168	0.00947	0.00401	26	-1.00	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0083	0.23450	0.00300	0.24168	0.00947	0.00401	26	-0.76	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.23500	0.01000	0.24168	0.00947	0.00401	26	-0.71	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.23500	0.01000	0.24168	0.00947	0.00401	26	-0.71	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.23950	0.00100	0.24168	0.00947	0.00401	26	-0.23	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.24000	0.00000	0.24168	0.00947	0.00401	26	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.24000	0.00000	0.24168	0.00947	0.00401	26	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.24050	0.00100	0.24168	0.00947	0.00401	26	-0.12	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.24250	0.00700	0.24168	0.00947	0.00401	26	0.09	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.24435	0.00050	0.24168	0.00947	0.00401	26	0.28	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.24450	0.01100	0.24168	0.00947	0.00401	26	0.30	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.24500	0.01000	0.24168	0.00947	0.00401	26	0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.24500	0.01000	0.24168	0.00947	0.00401	26	0.35	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.24600	0.00000	0.24168	0.00947	0.00401	26	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.24650	0.00100	0.24168	0.00947	0.00401	26	0.51	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.24815	0.00030	0.24168	0.00947	0.00401	26	0.68	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.25000	0.00000	0.24168	0.00947	0.00401	26	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.25000	0.00000	0.24168	0.00947	0.00401	26	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.25000	0.02000	0.24168	0.00947	0.00401	26	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0610	0.25000	0.00000	0.24168	0.00947	0.00401	26	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	2146	0.25550	0.00700	0.24168	0.00947	0.00401	26	1.46	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0011	0.25840	0.00040	0.24168	0.00947	0.00401	26	1.77	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.24500	0.03000	0.24168	0.00947	0.00401	26	0.35	1%	1
027.42	Magnesium, ICP, Open vessel (%)	0026	0.19245	0.00490	0.24462	0.01563	0.00752	23	-3.34	11%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.21565	0.00650	0.24462	0.01563	0.00752	23	-1.85	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0555	0.22400	0.00380	0.24462	0.01563	0.00752	23	-1.32	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.23100	0.00800	0.24462	0.01563	0.00752	23	-0.87	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.23500	0.01000	0.24462	0.01563	0.00752	23	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.23500	0.01000	0.24462	0.01563	0.00752	23	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.23700	0.00200	0.24462	0.01563	0.00752	23	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.24000	0.00000	0.24462	0.01563	0.00752	23	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.24000	0.00000	0.24462	0.01563	0.00752	23	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.24125	0.00450	0.24462	0.01563	0.00752	23	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.24185	0.00610	0.24462	0.01563	0.00752	23	-0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.24445	0.00610	0.24462	0.01563	0.00752	23	-0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.24500	0.03000	0.24462	0.01563	0.00752	23	0.02	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.24675	0.00030	0.24462	0.01563	0.00752	23	0.14	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.25000	0.00000	0.24462	0.01563	0.00752	23	0.34	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0278	0.25000	0.02000	0.24462	0.01563	0.00752	23	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.25000	0.00000	0.24462	0.01563	0.00752	23	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.25350	0.00100	0.24462	0.01563	0.00752	23	0.57	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.25500	0.01000	0.24462	0.01563	0.00752	23	0.66	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.26000	0.00000	0.24462	0.01563	0.00752	23	0.98	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.26930	0.00080	0.24462	0.01563	0.00752	23	1.58	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.27000	0.02000	0.24462	0.01563	0.00752	23	1.62	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.27050	0.02900	0.24462	0.01563	0.00752	23	1.66	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.25750	0.04300	0.24462	0.01563	0.00752	23	0.82	3%	1
027.43	Magnesium, ICP, Microwave (%)	0021	0.19000	0.00000	0.24120	0.01720	0.00439	21	-2.98	11%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.22000	0.00000	0.24120	0.01720	0.00439	21	-1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.22000	0.00000	0.24120	0.01720	0.00439	21	-1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.22500	0.01000	0.24120	0.01720	0.00439	21	-0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.22500	0.01000	0.24120	0.01720	0.00439	21	-0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.22950	0.00300	0.24120	0.01720	0.00439	21	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.23700	0.00800	0.24120	0.01720	0.00439	21	-0.24	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.23750	0.00300	0.24120	0.01720	0.00439	21	-0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.24000	0.00000	0.24120	0.01720	0.00439	21	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.24000	0.00000	0.24120	0.01720	0.00439	21	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.24000	0.00000	0.24120	0.01720	0.00439	21	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.24000	0.00000	0.24120	0.01720	0.00439	21	-0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.24350	0.00300	0.24120	0.01720	0.00439	21	0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.24500	0.01000	0.24120	0.01720	0.00439	21	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.24575	0.00110	0.24120	0.01720	0.00439	21	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.25500	0.01000	0.24120	0.01720	0.00439	21	0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.25500	0.01000	0.24120	0.01720	0.00439	21	0.80	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.26000	0.02000	0.24120	0.01720	0.00439	21	1.09	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.26000	0.00000	0.24120	0.01720	0.00439	21	1.09	4%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.26450	0.00300	0.24120	0.01720	0.00439	21	1.35	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.26750	0.00100	0.24120	0.01720	0.00439	21	1.53	5%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.21500	0.01000				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.22905	0.00450				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	2080	0.23330	0.00340				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	2055	0.22000	0.02000				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.23730	0.00620				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.25850	0.00500				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.23000	0.00000	0.24500	0.02041	0.00500	4	-0.73	3%	0
027.99	Magnesium, Miscellaneous (%)	0889	0.23500	0.01000	0.24500	0.02041	0.00500	4	-0.49	2%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.24000	0.00000	0.24500	0.02041	0.00500	4	-0.24	1%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.27500	0.01000	0.24500	0.02041	0.00500	4	1.47	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	102.55	1.1000	110.48	6.1030	2.1943	16	-1.30	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	102.94	3.6800	110.48	6.1030	2.1943	16	-1.23	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	105.00	4.0000	110.48	6.1030	2.1943	16	-0.90	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	105.50	1.0000	110.48	6.1030	2.1943	16	-0.82	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	107.50	5.0000	110.48	6.1030	2.1943	16	-0.49	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0884	107.70	1.2000	110.48	6.1030	2.1943	16	-0.45	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	108.12	0.34000	110.48	6.1030	2.1943	16	-0.39	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	110.00	0.00000	110.48	6.1030	2.1943	16	-0.08	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0868	110.00	0.00000	110.48	6.1030	2.1943	16	-0.08	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	111.69	1.9900	110.48	6.1030	2.1943	16	0.20	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	112.19	3.6200	110.48	6.1030	2.1943	16	0.28	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	114.29	1.1400	110.48	6.1030	2.1943	16	0.62	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	114.50	3.0000	110.48	6.1030	2.1943	16	0.66	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	116.38	3.2192	110.48	6.1030	2.1943	16	0.97	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	123.69	5.8200	110.48	6.1030	2.1943	16	2.17	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0638	126.00	0.00000	110.48	6.1030	2.1943	16	2.54	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	97.500	5.0000	114.16	0.73464	3.7948	4	-22.67	7%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	113.50	1.0000	114.16	0.73464	3.7948	4	-0.89	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	114.02	3.4790	114.16	0.73464	3.7948	4	-0.19	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	114.95	5.7000	114.16	0.73464	3.7948	4	1.08	0%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	108.60	1.0470				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	118.20	1.2000				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	37.000	4.0000	107.44	6.7979	3.6841	23	-10.36	33%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	88.000	10.000	107.44	6.7979	3.6841	23	-2.86	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	92.435	0.65000	107.44	6.7979	3.6841	23	-2.21	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	92.450	2.3000	107.44	6.7979	3.6841	23	-2.21	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	103.24	6.8400	107.44	6.7979	3.6841	23	-0.62	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0083	104.50	3.0000	107.44	6.7979	3.6841	23	-0.43	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	104.50	3.0000	107.44	6.7979	3.6841	23	-0.43	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	106.50	3.0000	107.44	6.7979	3.6841	23	-0.14	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	107.00	2.0000	107.44	6.7979	3.6841	23	-0.06	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	107.25	11.100	107.44	6.7979	3.6841	23	-0.03	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0610	107.50	1.0000	107.44	6.7979	3.6841	23	0.01	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	107.75	0.50000	107.44	6.7979	3.6841	23	0.05	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	108.00	2.0000	107.44	6.7979	3.6841	23	0.08	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	109.47	6.4100	107.44	6.7979	3.6841	23	0.30	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0011	109.54	0.00000	107.44	6.7979	3.6841	23	0.31	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0004	110.00	4.0000	107.44	6.7979	3.6841	23	0.38	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	110.38	1.1761	107.44	6.7979	3.6841	23	0.43	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	112.75	8.3000	107.44	6.7979	3.6841	23	0.78	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	112.85	4.7000	107.44	6.7979	3.6841	23	0.80	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	113.10	0.20000	107.44	6.7979	3.6841	23	0.83	3%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	113.68	2.1000	107.44	6.7979	3.6841	23	0.92	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	116.50	1.0000	107.44	6.7979	3.6841	23	1.33	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2146	117.92	7.4590	107.44	6.7979	3.6841	23	1.54	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	74.500	7.0000	110.26	13.257	5.8574	23	-2.70	16%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	84.430	1.0800	110.26	13.257	5.8574	23	-1.95	12%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	91.675	6.8300	110.26	13.257	5.8574	23	-1.40	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	95.500	1.0000	110.26	13.257	5.8574	23	-1.11	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	103.00	4.0000	110.26	13.257	5.8574	23	-0.55	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	103.10	3.4000	110.26	13.257	5.8574	23	-0.54	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	105.85	1.5000	110.26	13.257	5.8574	23	-0.33	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	106.00	8.0000	110.26	13.257	5.8574	23	-0.32	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	108.00	8.0000	110.26	13.257	5.8574	23	-0.17	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	109.88	1.8400	110.26	13.257	5.8574	23	-0.03	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0202	110.02	0.01000	110.26	13.257	5.8574	23	-0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	111.00	4.0000	110.26	13.257	5.8574	23	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	111.50	11.000	110.26	13.257	5.8574	23	0.09	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0555	111.50	9.0000	110.26	13.257	5.8574	23	0.09	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	111.50	13.000	110.26	13.257	5.8574	23	0.09	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	112.25	9.1000	110.26	13.257	5.8574	23	0.15	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	113.96	4.2600	110.26	13.257	5.8574	23	0.28	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	115.00	14.000	110.26	13.257	5.8574	23	0.36	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	123.00	16.000	110.26	13.257	5.8574	23	0.96	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	124.15	1.9000	110.26	13.257	5.8574	23	1.05	6%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	128.00	4.0000	110.26	13.257	5.8574	23	1.34	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	133.55	1.5000	110.26	13.257	5.8574	23	1.76	11%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	143.65	4.3000	110.26	13.257	5.8574	23	2.52	15%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	101.50	11.000	111.44	5.7968	2.8320	20	-1.71	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	104.00	12.000	111.44	5.7968	2.8320	20	-1.28	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	105.00	4.0000	111.44	5.7968	2.8320	20	-1.11	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	107.08	1.8900	111.44	5.7968	2.8320	20	-0.75	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	107.50	3.0000	111.44	5.7968	2.8320	20	-0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	107.50	3.0000	111.44	5.7968	2.8320	20	-0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	110.00	0.00000	111.44	5.7968	2.8320	20	-0.25	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	110.19	0.07000	111.44	5.7968	2.8320	20	-0.22	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	110.50	3.0000	111.44	5.7968	2.8320	20	-0.16	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	110.95	0.30000	111.44	5.7968	2.8320	20	-0.08	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	111.50	3.0000	111.44	5.7968	2.8320	20	0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	111.50	3.0000	111.44	5.7968	2.8320	20	0.01	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	112.00	0.00000	111.44	5.7968	2.8320	20	0.10	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	113.00	2.0000	111.44	5.7968	2.8320	20	0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	113.85	5.1000	111.44	5.7968	2.8320	20	0.42	1%	0

Test Material Code # 201630

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	115.41	1.6900	111.44	5.7968	2.8320	20	0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	115.69	0.00000	111.44	5.7968	2.8320	20	0.73	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	120.65	1.7000	111.44	5.7968	2.8320	20	1.59	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0021	130.00	0.00000	111.44	5.7968	2.8320	20	3.20	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	130.50	1.8894	111.44	5.7968	2.8320	20	3.29	9%	0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	106.30	1.6000				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	2080	116.93	4.4000				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0555	118.50	9.0000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	108.05	9.6600				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	114.50	5.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	106.00	2.0000	111.26	3.4660	3.0400	5	-1.52	2%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	110.50	1.0000	111.26	3.4660	3.0400	5	-0.22	0%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	2129	111.80	4.2000	111.26	3.4660	3.0400	5	0.16	0%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0035	112.50	3.0000	111.26	3.4660	3.0400	5	0.36	1%	0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	115.50	5.0000	111.26	3.4660	3.0400	5	1.22	2%	0
031.01	Phosphorus, Photometric (%)	0108	0.57000	0.00000	0.71620	0.03211	0.00882	44	-4.55	10%	0
031.01	Phosphorus, Photometric (%)	0152	0.66000	0.00000	0.71620	0.03211	0.00882	44	-1.75	4%	0
031.01	Phosphorus, Photometric (%)	2006	0.66100	0.00600	0.71620	0.03211	0.00882	44	-1.72	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.66625	0.00230	0.71620	0.03211	0.00882	44	-1.56	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.67860	0.00080	0.71620	0.03211	0.00882	44	-1.17	3%	0
031.01	Phosphorus, Photometric (%)	0529	0.68000	0.00000	0.71620	0.03211	0.00882	44	-1.13	3%	0
031.01	Phosphorus, Photometric (%)	0651	0.68350	0.00300	0.71620	0.03211	0.00882	44	-1.02	2%	0
031.01	Phosphorus, Photometric (%)	0035	0.69000	0.06000	0.71620	0.03211	0.00882	44	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	0596	0.69000	0.04000	0.71620	0.03211	0.00882	44	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.69000	0.00000	0.71620	0.03211	0.00882	44	-0.82	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.69450	0.01700	0.71620	0.03211	0.00882	44	-0.68	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.69550	0.01100	0.71620	0.03211	0.00882	44	-0.64	1%	0
031.01	Phosphorus, Photometric (%)	0638	0.69750	0.00100	0.71620	0.03211	0.00882	44	-0.58	1%	0
031.01	Phosphorus, Photometric (%)	0609	0.70000	0.02000	0.71620	0.03211	0.00882	44	-0.50	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.70150	0.01300	0.71620	0.03211	0.00882	44	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.70850	0.00660	0.71620	0.03211	0.00882	44	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.71000	0.02000	0.71620	0.03211	0.00882	44	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0233	0.71000	0.00000	0.71620	0.03211	0.00882	44	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.71000	0.00000	0.71620	0.03211	0.00882	44	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0937	0.71000	0.00000	0.71620	0.03211	0.00882	44	-0.19	0%	0
031.01	Phosphorus, Photometric (%)	0038	0.71150	0.01700	0.71620	0.03211	0.00882	44	-0.15	0%	0
031.01	Phosphorus, Photometric (%)	0723	0.71380	0.00000	0.71620	0.03211	0.00882	44	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0142	0.71470	0.00620	0.71620	0.03211	0.00882	44	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	0354	0.71500	0.01000	0.71620	0.03211	0.00882	44	-0.04	0%	0
031.01	Phosphorus, Photometric (%)	0018	0.72000	0.01800	0.71620	0.03211	0.00882	44	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.72000	0.00000	0.71620	0.03211	0.00882	44	0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0563	0.72005	0.01410	0.71620	0.03211	0.00882	44	0.12	0%	0
031.01	Phosphorus, Photometric (%)	2080	0.72200	0.00200	0.71620	0.03211	0.00882	44	0.18	0%	0
031.01	Phosphorus, Photometric (%)	0885	0.72605	0.00290	0.71620	0.03211	0.00882	44	0.31	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.73000	0.00000	0.71620	0.03211	0.00882	44	0.43	1%	0
031.01	Phosphorus, Photometric (%)	2144	0.73500	0.01000	0.71620	0.03211	0.00882	44	0.59	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.74000	0.00000	0.71620	0.03211	0.00882	44	0.74	2%	0
031.01	Phosphorus, Photometric (%)	0948	0.74000	0.00000	0.71620	0.03211	0.00882	44	0.74	2%	0
031.01	Phosphorus, Photometric (%)	0656	0.74500	0.01000	0.71620	0.03211	0.00882	44	0.90	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.74500	0.01000	0.71620	0.03211	0.00882	44	0.90	2%	0
031.01	Phosphorus, Photometric (%)	0868	0.74650	0.00100	0.71620	0.03211	0.00882	44	0.94	2%	0
031.01	Phosphorus, Photometric (%)	0208	0.74700	0.02600	0.71620	0.03211	0.00882	44	0.96	2%	0
031.01	Phosphorus, Photometric (%)	0897	0.75000	0.00000	0.71620	0.03211	0.00882	44	1.05	2%	0
031.01	Phosphorus, Photometric (%)	2022	0.75000	0.00000	0.71620	0.03211	0.00882	44	1.05	2%	0
031.01	Phosphorus, Photometric (%)	0653	0.75150	0.00300	0.71620	0.03211	0.00882	44	1.10	2%	0
031.01	Phosphorus, Photometric (%)	0689	0.75500	0.03000	0.71620	0.03211	0.00882	44	1.21	3%	0
031.01	Phosphorus, Photometric (%)	2128	0.79450	0.00700	0.71620	0.03211	0.00882	44	2.44	5%	0
031.01	Phosphorus, Photometric (%)	0511	0.79500	0.01000	0.71620	0.03211	0.00882	44	2.45	6%	0
031.01	Phosphorus, Photometric (%)	0939	0.79500	0.01000	0.71620	0.03211	0.00882	44	2.45	6%	0
031.01	Phosphorus, Photometric (%)	0687	0.75000	0.10000	0.71620	0.03211	0.00882	44	1.05	2%	1
031.01	Phosphorus, Photometric (%)	0552	0.12000	0.04000	0.71620	0.03211	0.00882	44	-18.57	42%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.73500	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.74000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.74500	0.01000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0047	0.69000	0.00000	0.71669	0.01758	0.01042	5	-1.52	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.71350	0.01700	0.71669	0.01758	0.01042	5	-0.18	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.71500	0.01000	0.71669	0.01758	0.01042	5	-0.10	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.72995	0.01510	0.71669	0.01758	0.01042	5	0.75	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.73500	0.01000	0.71669	0.01758	0.01042	5	1.04	1%	0
031.06	Phosphorus, Hach Method (%)	0138	0.72400	0.00400				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.74500	0.07000				2			0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.65000	0.00000	0.72631	0.03493	0.01451	30	-2.18	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.67000	0.04000	0.72631	0.03493	0.01451	30	-1.61	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.67000	0.00000	0.72631	0.03493	0.01451	30	-1.61	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.67000	0.02000	0.72631	0.03493	0.01451	30	-1.61	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0083	0.69350	0.00100	0.72631	0.03493	0.01451	30	-0.94	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.69500	0.01000	0.72631	0.03493	0.01451	30	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.69850	0.01100	0.72631	0.03493	0.01451	30	-0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.70000	0.02000	0.72631	0.03493	0.01451	30	-0.75	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.71500	0.01000	0.72631	0.03493	0.01451	30	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.71500	0.01000	0.72631	0.03493	0.01451	30	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.72000	0.00000	0.72631	0.03493	0.01451	30	-0.18	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.72200	0.00200	0.72631	0.03493	0.01451	30	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.72300	0.02200	0.72631	0.03493	0.01451	30	-0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.72500	0.01000	0.72631	0.03493	0.01451	30	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	0.72500	0.01000	0.72631	0.03493	0.01451	30	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	0.73000	0.00000	0.72631	0.03493	0.01451	30	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.73000	0.02000	0.72631	0.03493	0.01451	30	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	0.73000	0.02000	0.72631	0.03493	0.01451	30	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.73500	0.04580	0.72631	0.03493	0.01451	30	0.25	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.74000	0.00600	0.72631	0.03493	0.01451	30	0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.74500	0.03000	0.72631	0.03493	0.01451	30	0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.75000	0.00000	0.72631	0.03493	0.01451	30	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.75000	0.04000	0.72631	0.03493	0.01451	30	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.75200	0.02000	0.72631	0.03493	0.01451	30	0.74	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	2146	0.75550	0.01300	0.72631	0.03493	0.01451	30	0.84	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.76000	0.06000	0.72631	0.03493	0.01451	30	0.96	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.76030	0.00160	0.72631	0.03493	0.01451	30	0.97	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0300	0.76650	0.00100	0.72631	0.03493	0.01451	30	1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0011	0.81415	0.00550	0.72631	0.03493	0.01451	30	2.51	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.82385	0.00650	0.72631	0.03493	0.01451	30	2.79	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	1.3500	0.30000	0.72631	0.03493	0.01451	30	17.86	43%	2
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.66480	0.00840	0.73218	0.04339	0.01919	23	-1.55	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.66640	0.06400	0.73218	0.04339	0.01919	23	-1.52	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.68490	0.00980	0.73218	0.04339	0.01919	23	-1.09	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.69000	0.00000	0.73218	0.04339	0.01919	23	-0.97	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.69380	0.02580	0.73218	0.04339	0.01919	23	-0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	0.70000	0.02000	0.73218	0.04339	0.01919	23	-0.74	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.71550	0.03700	0.73218	0.04339	0.01919	23	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.71700	0.06600	0.73218	0.04339	0.01919	23	-0.35	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.72000	0.02000	0.73218	0.04339	0.01919	23	-0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.72325	0.00990	0.73218	0.04339	0.01919	23	-0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.72500	0.01000	0.73218	0.04339	0.01919	23	-0.17	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.72900	0.03000	0.73218	0.04339	0.01919	23	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.73000	0.00000	0.73218	0.04339	0.01919	23	-0.05	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.74120	0.00420	0.73218	0.04339	0.01919	23	0.21	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.74650	0.00700	0.73218	0.04339	0.01919	23	0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.75150	0.05500	0.73218	0.04339	0.01919	23	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.75200	0.02400	0.73218	0.04339	0.01919	23	0.46	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.76505	0.00010	0.73218	0.04339	0.01919	23	0.76	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0555	0.76730	0.01720	0.73218	0.04339	0.01919	23	0.81	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.77450	0.00300	0.73218	0.04339	0.01919	23	0.98	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.78500	0.01000	0.73218	0.04339	0.01919	23	1.22	4%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.80000	0.02000	0.73218	0.04339	0.01919	23	1.56	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.80000	0.00000	0.73218	0.04339	0.01919	23	1.56	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.75500	0.13000	0.73218	0.04339	0.01919	23	0.53	2%	1
031.43	Phosphorus, ICP, Microwave (%)	0297	0.65500	0.01000	0.73483	0.03522	0.01340	22	-2.27	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.69000	0.00000	0.73483	0.03522	0.01340	22	-1.27	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.69500	0.01000	0.73483	0.03522	0.01340	22	-1.13	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.69500	0.01000	0.73483	0.03522	0.01340	22	-1.13	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.71500	0.01000	0.73483	0.03522	0.01340	22	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.71500	0.00000	0.73483	0.03522	0.01340	22	-0.56	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.72000	0.00000	0.73483	0.03522	0.01340	22	-0.42	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.72500	0.01000	0.73483	0.03522	0.01340	22	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.72500	0.05000	0.73483	0.03522	0.01340	22	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.72500	0.01000	0.73483	0.03522	0.01340	22	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.73005	0.00450	0.73483	0.03522	0.01340	22	-0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.73050	0.02100	0.73483	0.03522	0.01340	22	-0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.73550	0.00100	0.73483	0.03522	0.01340	22	0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.73900	0.01200	0.73483	0.03522	0.01340	22	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.74580	0.00600	0.73483	0.03522	0.01340	22	0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.75200	0.01600	0.73483	0.03522	0.01340	22	0.49	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.75500	0.01000	0.73483	0.03522	0.01340	22	0.57	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.76240	0.00520	0.73483	0.03522	0.01340	22	0.78	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.76600	0.05800	0.73483	0.03522	0.01340	22	0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.79250	0.00100	0.73483	0.03522	0.01340	22	1.64	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0021	0.79500	0.01000	0.73483	0.03522	0.01340	22	1.71	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.80000	0.04000	0.73483	0.03522	0.01340	22	1.85	4%	0
031.44	Phosphorus, ICP, Dry ash (%)	0685	0.77500	0.03000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.70155	0.00550				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.72200	0.03200				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.73350	0.01500				2			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.68500	0.01000	0.70400	0.01981	0.00400	5	-0.96	1%	0
031.99	Phosphorus, Miscellaneous (%)	0889	0.69000	0.00000	0.70400	0.01981	0.00400	5	-0.71	1%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.69500	0.01000	0.70400	0.01981	0.00400	5	-0.45	1%	0
031.99	Phosphorus, Miscellaneous (%)	0852	0.72000	0.00000	0.70400	0.01981	0.00400	5	0.81	1%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.73000	0.00000	0.70400	0.01981	0.00400	5	1.31	2%	0
032.02	Potassium, Flame Emission (%)	0504	1.4050	0.09000				2			0
032.02	Potassium, Flame Emission (%)	0884	1.4350	0.09000				2			0
032.31	Potassium, AAS, Dry ash (%)	0689	0.86000	0.02000	1.3279	0.13406	0.02069	17	-3.49	18%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.1300	0.02000	1.3279	0.13406	0.02069	17	-1.48	7%	0
032.31	Potassium, AAS, Dry ash (%)	0638	1.1300	0.00000	1.3279	0.13406	0.02069	17	-1.48	7%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.2158	0.00520	1.3279	0.13406	0.02069	17	-0.84	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.3050	0.01000	1.3279	0.13406	0.02069	17	-0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.31	Potassium, AAS, Dry ash (%)	0939	1.3100	0.02000	1.3279	0.13406	0.02069	17	-0.13	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.3152	0.01660	1.3279	0.13406	0.02069	17	-0.09	0%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.3380	0.00000	1.3279	0.13406	0.02069	17	0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0208	1.3550	0.05000	1.3279	0.13406	0.02069	17	0.20	1%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.3600	0.04000	1.3279	0.13406	0.02069	17	0.24	1%	0
032.31	Potassium, AAS, Dry ash (%)	0868	1.3650	0.01000	1.3279	0.13406	0.02069	17	0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.3650	0.01000	1.3279	0.13406	0.02069	17	0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0175	1.3900	0.02000	1.3279	0.13406	0.02069	17	0.46	2%	0
032.31	Potassium, AAS, Dry ash (%)	0650	1.4400	0.00000	1.3279	0.13406	0.02069	17	0.84	4%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.4500	0.08000	1.3279	0.13406	0.02069	17	0.91	5%	0
032.31	Potassium, AAS, Dry ash (%)	0354	1.4500	0.02000	1.3279	0.13406	0.02069	17	0.91	5%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.7750	0.03000	1.3279	0.13406	0.02069	17	3.33	17%	0
032.31	Potassium, AAS, Dry ash (%)	0921	12.178	0.00000	1.3279	0.13406	0.02069	17	80.93	409%	2
032.32	Potassium, AAS, Open vessel (%)	0169	1.2650	0.03000				2			0
032.32	Potassium, AAS, Open vessel (%)	0609	1.3300	0.02000				2			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.93500	0.01000	1.3547	0.07039	0.02732	23	-5.96	15%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.2150	0.03000	1.3547	0.07039	0.02732	23	-1.98	5%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.2650	0.07000	1.3547	0.07039	0.02732	23	-1.27	3%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.2900	0.02000	1.3547	0.07039	0.02732	23	-0.92	2%	0
032.41	Potassium, ICP, Dry ash (%)	0083	1.2930	0.00600	1.3547	0.07039	0.02732	23	-0.88	2%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.2950	0.03000	1.3547	0.07039	0.02732	23	-0.85	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.3150	0.03000	1.3547	0.07039	0.02732	23	-0.56	1%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.3250	0.09000	1.3547	0.07039	0.02732	23	-0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	1.3390	0.03600	1.3547	0.07039	0.02732	23	-0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.3425	0.00300	1.3547	0.07039	0.02732	23	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0610	1.3550	0.01000	1.3547	0.07039	0.02732	23	0.00	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.3600	0.02000	1.3547	0.07039	0.02732	23	0.08	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.3660	0.04400	1.3547	0.07039	0.02732	23	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	1.3700	0.04000	1.3547	0.07039	0.02732	23	0.22	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.3750	0.05000	1.3547	0.07039	0.02732	23	0.29	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.3870	0.00400	1.3547	0.07039	0.02732	23	0.46	1%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.4000	0.00000	1.3547	0.07039	0.02732	23	0.64	2%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.4050	0.01000	1.3547	0.07039	0.02732	23	0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.4200	0.06000	1.3547	0.07039	0.02732	23	0.93	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.4260	0.00400	1.3547	0.07039	0.02732	23	1.01	3%	0
032.41	Potassium, ICP, Dry ash (%)	0511	1.4300	0.06000	1.3547	0.07039	0.02732	23	1.07	3%	0
032.41	Potassium, ICP, Dry ash (%)	0011	1.4409	0.00050	1.3547	0.07039	0.02732	23	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.4638	0.00090	1.3547	0.07039	0.02732	23	1.55	4%	0
032.41	Potassium, ICP, Dry ash (%)	0405	1,257.5	115.00	1.3547	0.07039	0.02732	23	17844.61	46363%	2
032.42	Potassium, ICP, Open vessel (%)	0026	1.0350	0.01000	1.4084	0.05751	0.05229	22	-6.49	13%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.3328	0.00600	1.4084	0.05751	0.05229	22	-1.32	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	
032.42	Potassium, ICP, Open vessel (%)	0037	1.3550	0.03000	1.4084	0.05751	0.05229	22	-0.93	2%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.3600	0.00000	1.4084	0.05751	0.05229	22	-0.84	2%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.3700	0.02000	1.4084	0.05751	0.05229	22	-0.67	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	1.3750	0.01000	1.4084	0.05751	0.05229	22	-0.58	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	1.3780	0.06200	1.4084	0.05751	0.05229	22	-0.53	1%	0
032.42	Potassium, ICP, Open vessel (%)	0613	1.3800	0.20000	1.4084	0.05751	0.05229	22	-0.49	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.3900	0.06000	1.4084	0.05751	0.05229	22	-0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.3900	0.14000	1.4084	0.05751	0.05229	22	-0.32	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.3970	0.05000	1.4084	0.05751	0.05229	22	-0.20	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.4017	0.00230	1.4084	0.05751	0.05229	22	-0.12	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.4100	0.02000	1.4084	0.05751	0.05229	22	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.4100	0.01000	1.4084	0.05751	0.05229	22	0.03	0%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.4300	0.08000	1.4084	0.05751	0.05229	22	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.4300	0.14000	1.4084	0.05751	0.05229	22	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0555	1.4450	0.01000	1.4084	0.05751	0.05229	22	0.64	1%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.4600	0.12000	1.4084	0.05751	0.05229	22	0.90	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.4650	0.03000	1.4084	0.05751	0.05229	22	0.98	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.5050	0.01000	1.4084	0.05751	0.05229	22	1.68	3%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.5200	0.10000	1.4084	0.05751	0.05229	22	1.94	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.5600	0.04000	1.4084	0.05751	0.05229	22	2.64	5%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.2600	0.00000	1.3864	0.09196	0.01879	19	-1.37	5%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.2700	0.00000	1.3864	0.09196	0.01879	19	-1.27	4%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.2800	0.04000	1.3864	0.09196	0.01879	19	-1.16	4%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.2900	0.00000	1.3864	0.09196	0.01879	19	-1.05	3%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.3100	0.00000	1.3864	0.09196	0.01879	19	-0.83	3%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.3250	0.03000	1.3864	0.09196	0.01879	19	-0.67	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.3400	0.00000	1.3864	0.09196	0.01879	19	-0.50	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.3700	0.02000	1.3864	0.09196	0.01879	19	-0.18	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.3875	0.00500	1.3864	0.09196	0.01879	19	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.4135	0.04900	1.3864	0.09196	0.01879	19	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.4150	0.01000	1.3864	0.09196	0.01879	19	0.31	1%	0
032.43	Potassium, ICP, Microwave (%)	0006	1.4165	0.00300	1.3864	0.09196	0.01879	19	0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.4200	0.02000	1.3864	0.09196	0.01879	19	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.4250	0.05000	1.3864	0.09196	0.01879	19	0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.4500	0.02000	1.3864	0.09196	0.01879	19	0.69	2%	0
032.43	Potassium, ICP, Microwave (%)	0032	1.4600	0.06000	1.3864	0.09196	0.01879	19	0.80	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.4850	0.01000	1.3864	0.09196	0.01879	19	1.07	4%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.5000	0.04000	1.3864	0.09196	0.01879	19	1.24	4%	0
032.43	Potassium, ICP, Microwave (%)	0021	1.6000	0.00000	1.3864	0.09196	0.01879	19	2.32	8%	0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.3201	0.00140				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	2080	1.4200	0.04000				2			0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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			
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.3543	0.04940				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.3750	0.03000				2			0
032.99	Potassium, Miscellaneous (%)	0590	1.2850	0.01000	1.3925	0.09215	0.02500	4	-1.17	4%	0
032.99	Potassium, Miscellaneous (%)	0242	1.3650	0.01000	1.3925	0.09215	0.02500	4	-0.30	1%	0
032.99	Potassium, Miscellaneous (%)	0035	1.4150	0.03000	1.3925	0.09215	0.02500	4	0.24	1%	0
032.99	Potassium, Miscellaneous (%)	0100	1.5050	0.05000	1.3925	0.09215	0.02500	4	1.22	4%	0
032.99	Potassium, Miscellaneous (%)	0889	0.00000	0.00000	1.3925	0.09215	0.02500	4			4
033.00	Salt as chloride, Sol Cl (%)	0674	0.12000	0.00000	0.33742	0.06326	0.01287	21	-3.44	32%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.16650	0.05900	0.33742	0.06326	0.01287	21	-2.70	25%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.27000	0.02000	0.33742	0.06326	0.01287	21	-1.07	10%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.27500	0.03000	0.33742	0.06326	0.01287	21	-0.99	9%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.30515	0.00110	0.33742	0.06326	0.01287	21	-0.51	5%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.31500	0.01200	0.33742	0.06326	0.01287	21	-0.35	3%	0
033.00	Salt as chloride, Sol Cl (%)	0298	0.32000	0.02000	0.33742	0.06326	0.01287	21	-0.28	3%	0
033.00	Salt as chloride, Sol Cl (%)	0675	0.32000	0.04000	0.33742	0.06326	0.01287	21	-0.28	3%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.32000	0.00000	0.33742	0.06326	0.01287	21	-0.28	3%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.32500	0.01000	0.33742	0.06326	0.01287	21	-0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.32500	0.01000	0.33742	0.06326	0.01287	21	-0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.33990	0.00280	0.33742	0.06326	0.01287	21	0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.34000	0.00000	0.33742	0.06326	0.01287	21	0.04	0%	0
033.00	Salt as chloride, Sol Cl (%)	0160	0.34450	0.01100	0.33742	0.06326	0.01287	21	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0723	0.36000	0.00000	0.33742	0.06326	0.01287	21	0.36	3%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.37000	0.04000	0.33742	0.06326	0.01287	21	0.52	5%	0
033.00	Salt as chloride, Sol Cl (%)	0590	0.38000	0.00000	0.33742	0.06326	0.01287	21	0.67	6%	0
033.00	Salt as chloride, Sol Cl (%)	0169	0.40500	0.01000	0.33742	0.06326	0.01287	21	1.07	10%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.42160	0.00180	0.33742	0.06326	0.01287	21	1.33	12%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.46000	0.00000	0.33742	0.06326	0.01287	21	1.94	18%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.50155	0.00250	0.33742	0.06326	0.01287	21	2.59	24%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.30500	0.09600	0.33742	0.06326	0.01287	21	-0.51	5%	1
033.01	Salt as chloride, Poten Cl (%)	0937	0.28000	0.00000	0.36903	0.03085	0.00899	32	-2.89	12%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.32000	0.02000	0.36903	0.03085	0.00899	32	-1.59	7%	0
033.01	Salt as chloride, Poten Cl (%)	2144	0.32000	0.00000	0.36903	0.03085	0.00899	32	-1.59	7%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.33000	0.00000	0.36903	0.03085	0.00899	32	-1.27	5%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.34500	0.03000	0.36903	0.03085	0.00899	32	-0.78	3%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.34500	0.01000	0.36903	0.03085	0.00899	32	-0.78	3%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.34600	0.00000	0.36903	0.03085	0.00899	32	-0.75	3%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.35000	0.00000	0.36903	0.03085	0.00899	32	-0.62	3%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.35500	0.01000	0.36903	0.03085	0.00899	32	-0.45	2%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.35550	0.01500	0.36903	0.03085	0.00899	32	-0.44	2%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.35650	0.00300	0.36903	0.03085	0.00899	32	-0.41	2%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.35800	0.00400	0.36903	0.03085	0.00899	32	-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	
033.01	Salt as chloride, Poten CI (%)	0001	0.36000	0.02000	0.36903	0.03085	0.00899	32	-0.29	1%	0
033.01	Salt as chloride, Poten CI (%)	0242	0.36000	0.00000	0.36903	0.03085	0.00899	32	-0.29	1%	0
033.01	Salt as chloride, Poten CI (%)	2145	0.36000	0.00000	0.36903	0.03085	0.00899	32	-0.29	1%	0
033.01	Salt as chloride, Poten CI (%)	0148	0.36300	0.00400	0.36903	0.03085	0.00899	32	-0.20	1%	0
033.01	Salt as chloride, Poten CI (%)	0164	0.37000	0.00000	0.36903	0.03085	0.00899	32	0.03	0%	0
033.01	Salt as chloride, Poten CI (%)	0683	0.37000	0.00000	0.36903	0.03085	0.00899	32	0.03	0%	0
033.01	Salt as chloride, Poten CI (%)	0011	0.37460	0.01440	0.36903	0.03085	0.00899	32	0.18	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	0.37500	0.01800	0.36903	0.03085	0.00899	32	0.19	1%	0
033.01	Salt as chloride, Poten CI (%)	0629	0.37500	0.01000	0.36903	0.03085	0.00899	32	0.19	1%	0
033.01	Salt as chloride, Poten CI (%)	0861	0.37500	0.01000	0.36903	0.03085	0.00899	32	0.19	1%	0
033.01	Salt as chloride, Poten CI (%)	0226	0.38000	0.00000	0.36903	0.03085	0.00899	32	0.36	1%	0
033.01	Salt as chloride, Poten CI (%)	0175	0.38500	0.01000	0.36903	0.03085	0.00899	32	0.52	2%	0
033.01	Salt as chloride, Poten CI (%)	0003	0.40000	0.00000	0.36903	0.03085	0.00899	32	1.00	4%	0
033.01	Salt as chloride, Poten CI (%)	0510	0.40000	0.00000	0.36903	0.03085	0.00899	32	1.00	4%	0
033.01	Salt as chloride, Poten CI (%)	0278	0.40500	0.01000	0.36903	0.03085	0.00899	32	1.17	5%	0
033.01	Salt as chloride, Poten CI (%)	0354	0.40500	0.05000	0.36903	0.03085	0.00899	32	1.17	5%	0
033.01	Salt as chloride, Poten CI (%)	0650	0.40500	0.01000	0.36903	0.03085	0.00899	32	1.17	5%	0
033.01	Salt as chloride, Poten CI (%)	0644	0.40660	0.00280	0.36903	0.03085	0.00899	32	1.22	5%	0
033.01	Salt as chloride, Poten CI (%)	0019	0.42000	0.02000	0.36903	0.03085	0.00899	32	1.65	7%	0
033.01	Salt as chloride, Poten CI (%)	0874	0.43715	0.01650	0.36903	0.03085	0.00899	32	2.21	9%	0
033.01	Salt as chloride, Poten CI (%)	0098	0.41000	0.06000	0.36903	0.03085	0.00899	32	1.33	6%	1
033.03	Salt as chloride, Quantab (%)	0848	0.30500	0.01000	0.38857	0.05862	0.03714	7	-1.43	11%	0
033.03	Salt as chloride, Quantab (%)	0144	0.35000	0.02000	0.38857	0.05862	0.03714	7	-0.66	5%	0
033.03	Salt as chloride, Quantab (%)	0190	0.38000	0.04000	0.38857	0.05862	0.03714	7	-0.15	1%	0
033.03	Salt as chloride, Quantab (%)	0726	0.38000	0.04000	0.38857	0.05862	0.03714	7	-0.15	1%	0
033.03	Salt as chloride, Quantab (%)	0265	0.42000	0.00000	0.38857	0.05862	0.03714	7	0.54	4%	0
033.03	Salt as chloride, Quantab (%)	0505	0.42500	0.07000	0.38857	0.05862	0.03714	7	0.62	5%	0
033.03	Salt as chloride, Quantab (%)	0529	0.46000	0.08000	0.38857	0.05862	0.03714	7	1.22	9%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.32500	0.01000	0.36625	0.03945	0.01200	5	-1.05	6%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0868	0.36000	0.00000	0.36625	0.03945	0.01200	5	-0.16	1%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2129	0.36000	0.01000	0.36625	0.03945	0.01200	5	-0.16	1%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.42000	0.02000	0.36625	0.03945	0.01200	5	1.36	7%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	0.65000	0.02000	0.36625	0.03945	0.01200	5	7.19	39%	0
033.99	Salt, Miscellaneous (%)	0613	0.30500	0.03000	0.35584	0.06064	0.03111	9	-0.84	7%	0
033.99	Salt, Miscellaneous (%)	0358	0.31500	0.03000	0.35584	0.06064	0.03111	9	-0.67	6%	0
033.99	Salt, Miscellaneous (%)	0552	0.32500	0.09000	0.35584	0.06064	0.03111	9	-0.51	4%	0
033.99	Salt, Miscellaneous (%)	0208	0.32900	0.00000	0.35584	0.06064	0.03111	9	-0.44	4%	0
033.99	Salt, Miscellaneous (%)	2073	0.34000	0.08000	0.35584	0.06064	0.03111	9	-0.26	2%	0
033.99	Salt, Miscellaneous (%)	0910	0.34500	0.01000	0.35584	0.06064	0.03111	9	-0.18	2%	0
033.99	Salt, Miscellaneous (%)	0682	0.35000	0.00000	0.35584	0.06064	0.03111	9	-0.10	1%	0
033.99	Salt, Miscellaneous (%)	2146	0.46500	0.01000	0.35584	0.06064	0.03111	9	1.80	15%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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	
033.99	Salt, Miscellaneous (%)	0681	1.4450	0.03000	0.35584	0.06064	0.03111	9	17.96	153%	0
034.01	Selenium, Fluor (mg / kg (ppm))	0638	0.47000	0.02000				3			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.51250	0.02300				3			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.53635	0.05470				3			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.41000	0.08000	0.50792	0.08858	0.02450	6	-1.11	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.43250	0.03700	0.50792	0.08858	0.02450	6	-0.85	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.50500	0.01000	0.50792	0.08858	0.02450	6	-0.03	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	0.51000	0.02000	0.50792	0.08858	0.02450	6	0.02	0%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.59000	0.00000	0.50792	0.08858	0.02450	6	0.93	8%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.60000	0.00000	0.50792	0.08858	0.02450	6	1.04	9%	0
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	0939	0.72000	0.08000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	0.50000	1.0000				0			4
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0021	3.5000	3.0000				1			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.48500	0.05000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.57500	0.01000				3			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.70500	0.01000				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.44005	0.02230	0.60276	0.15092	0.09362	5	-1.08	13%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.53350	0.00700	0.60276	0.15092	0.09362	5	-0.46	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.64750	0.00480	0.60276	0.15092	0.09362	5	0.30	4%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.79000	0.13400	0.60276	0.15092	0.09362	5	1.24	16%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0021	5.4500	0.30000	0.60276	0.15092	0.09362	5	32.12	402%	0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0555	0.51000	0.00000				1			0
035.01	Sodium, Ion-selective electrode (%)	0868	0.11000	0.00000	0.12725	0.01376	0.00280	5	-1.25	7%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.11800	0.01000	0.12725	0.01376	0.00280	5	-0.67	4%	0
035.01	Sodium, Ion-selective electrode (%)	0881	0.12250	0.00100	0.12725	0.01376	0.00280	5	-0.35	2%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.13650	0.00100	0.12725	0.01376	0.00280	5	0.67	4%	0
035.01	Sodium, Ion-selective electrode (%)	0138	0.14000	0.00200	0.12725	0.01376	0.00280	5	0.93	5%	0
035.05	Sodium, Flame Emission (%)	0884	0.11500	0.01000	0.12963	0.01809	0.00625	4	-0.81	6%	0
035.05	Sodium, Flame Emission (%)	0152	0.11850	0.00500	0.12963	0.01809	0.00625	4	-0.61	4%	0
035.05	Sodium, Flame Emission (%)	0504	0.13000	0.00000	0.12963	0.01809	0.00625	4	0.02	0%	0
035.05	Sodium, Flame Emission (%)	0108	0.15500	0.01000	0.12963	0.01809	0.00625	4	1.40	10%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.10000	0.00000	0.12365	0.01465	0.00363	22	-1.61	10%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.11000	0.00000	0.12365	0.01465	0.00363	22	-0.93	6%	0
035.31	Sodium, AAS, Dry ash (%)	0638	0.11000	0.00000	0.12365	0.01465	0.00363	22	-0.93	6%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.11000	0.00000	0.12365	0.01465	0.00363	22	-0.93	6%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.11310	0.01180	0.12365	0.01465	0.00363	22	-0.72	4%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.11500	0.01000	0.12365	0.01465	0.00363	22	-0.59	3%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.11500	0.01000	0.12365	0.01465	0.00363	22	-0.59	3%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.11500	0.01000	0.12365	0.01465	0.00363	22	-0.59	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.11800	0.00000	0.12365	0.01465	0.00363	22	-0.39	2%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.12000	0.00000	0.12365	0.01465	0.00363	22	-0.25	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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	
035.31	Sodium, AAS, Dry ash (%)	0656	0.12000	0.00000	0.12365	0.01465	0.00363	22	-0.25	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.12050	0.00100	0.12365	0.01465	0.00363	22	-0.22	1%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.12150	0.00100	0.12365	0.01465	0.00363	22	-0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.12550	0.00000	0.12365	0.01465	0.00363	22	0.13	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.12585	0.00010	0.12365	0.01465	0.00363	22	0.15	1%	0
035.31	Sodium, AAS, Dry ash (%)	2080	0.13050	0.00100	0.12365	0.01465	0.00363	22	0.47	3%	0
035.31	Sodium, AAS, Dry ash (%)	0868	0.13400	0.00200	0.12365	0.01465	0.00363	22	0.71	4%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.14000	0.00000	0.12365	0.01465	0.00363	22	1.12	7%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.14050	0.01100	0.12365	0.01465	0.00363	22	1.15	7%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.14300	0.00400	0.12365	0.01465	0.00363	22	1.32	8%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.14700	0.01800	0.12365	0.01465	0.00363	22	1.59	9%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.15000	0.00000	0.12365	0.01465	0.00363	22	1.80	11%	0
035.31	Sodium, AAS, Dry ash (%)	0689	0.56500	0.03000	0.12365	0.01465	0.00363	22	30.13	178%	2
035.32	Sodium, AAS, Open vessel (%)	0169	0.11500	0.01000				2			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.15500	0.01000				2			0
035.41	Sodium, ICP, Dry ash (%)	0089	0.11000	0.00000	0.12358	0.00909	0.00538	24	-1.49	5%	0
035.41	Sodium, ICP, Dry ash (%)	0610	0.11000	0.00000	0.12358	0.00909	0.00538	24	-1.49	5%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.11000	0.00000	0.12358	0.00909	0.00538	24	-1.49	5%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.11500	0.01000	0.12358	0.00909	0.00538	24	-0.94	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.11700	0.00400	0.12358	0.00909	0.00538	24	-0.72	3%	0
035.41	Sodium, ICP, Dry ash (%)	0300	0.11800	0.00200	0.12358	0.00909	0.00538	24	-0.61	2%	0
035.41	Sodium, ICP, Dry ash (%)	0011	0.11945	0.00090	0.12358	0.00909	0.00538	24	-0.45	2%	0
035.41	Sodium, ICP, Dry ash (%)	0298	0.12000	0.02000	0.12358	0.00909	0.00538	24	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.12000	0.00000	0.12358	0.00909	0.00538	24	-0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.12140	0.00060	0.12358	0.00909	0.00538	24	-0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.12450	0.00100	0.12358	0.00909	0.00538	24	0.10	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.12500	0.03000	0.12358	0.00909	0.00538	24	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.12500	0.01000	0.12358	0.00909	0.00538	24	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.12500	0.01000	0.12358	0.00909	0.00538	24	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.12500	0.00000	0.12358	0.00909	0.00538	24	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.12500	0.01000	0.12358	0.00909	0.00538	24	0.16	1%	0
035.41	Sodium, ICP, Dry ash (%)	0083	0.12550	0.00900	0.12358	0.00909	0.00538	24	0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.12700	0.00000	0.12358	0.00909	0.00538	24	0.38	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.12950	0.00100	0.12358	0.00909	0.00538	24	0.65	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.13000	0.00000	0.12358	0.00909	0.00538	24	0.71	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.13215	0.00650	0.12358	0.00909	0.00538	24	0.94	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.13700	0.00200	0.12358	0.00909	0.00538	24	1.48	5%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.14500	0.00200	0.12358	0.00909	0.00538	24	2.36	9%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.14500	0.01000	0.12358	0.00909	0.00538	24	2.36	9%	0
035.41	Sodium, ICP, Dry ash (%)	0405	192.50	15.000	0.12358	0.00909	0.00538	24	21174.95	77835%	2
035.42	Sodium, ICP, Open vessel (%)	0613	0.10000	0.02000	0.12294	0.00897	0.00732	20	-2.56	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	
035.42	Sodium, ICP, Open vessel (%)	0190	0.11500	0.01000	0.12294	0.00897	0.00732	20	-0.89	3%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.11500	0.01000	0.12294	0.00897	0.00732	20	-0.89	3%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.11650	0.00300	0.12294	0.00897	0.00732	20	-0.72	3%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.11715	0.00830	0.12294	0.00897	0.00732	20	-0.65	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.11815	0.00670	0.12294	0.00897	0.00732	20	-0.53	2%	0
035.42	Sodium, ICP, Open vessel (%)	0555	0.11995	0.00010	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.12000	0.00000	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.12000	0.00000	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.12000	0.00000	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.12000	0.00000	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.12000	0.00000	0.12294	0.00897	0.00732	20	-0.33	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.12250	0.01500	0.12294	0.00897	0.00732	20	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.12500	0.01000	0.12294	0.00897	0.00732	20	0.23	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.12650	0.01500	0.12294	0.00897	0.00732	20	0.40	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.13190	0.00200	0.12294	0.00897	0.00732	20	1.00	4%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.13250	0.02900	0.12294	0.00897	0.00732	20	1.07	4%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.13695	0.00010	0.12294	0.00897	0.00732	20	1.56	6%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.14070	0.00720	0.12294	0.00897	0.00732	20	1.98	7%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.14500	0.01000	0.12294	0.00897	0.00732	20	2.46	9%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.10000	0.00000	0.11984	0.01162	0.00559	18	-1.71	8%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.10750	0.00100	0.11984	0.01162	0.00559	18	-1.06	5%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.11000	0.00000	0.11984	0.01162	0.00559	18	-0.85	4%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.11000	0.02000	0.11984	0.01162	0.00559	18	-0.85	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.11000	0.00200	0.11984	0.01162	0.00559	18	-0.85	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.11500	0.01000	0.11984	0.01162	0.00559	18	-0.42	2%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.11500	0.01000	0.11984	0.01162	0.00559	18	-0.42	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.11700	0.00200	0.11984	0.01162	0.00559	18	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.12000	0.00200	0.11984	0.01162	0.00559	18	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.12000	0.00000	0.11984	0.01162	0.00559	18	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.12000	0.00000	0.11984	0.01162	0.00559	18	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.12100	0.00000	0.11984	0.01162	0.00559	18	0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.12500	0.01000	0.11984	0.01162	0.00559	18	0.44	2%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.12565	0.00770	0.11984	0.01162	0.00559	18	0.50	2%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.12900	0.00600	0.11984	0.01162	0.00559	18	0.79	4%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.13500	0.01000	0.11984	0.01162	0.00559	18	1.31	6%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.14500	0.00000	0.11984	0.01162	0.00559	18	2.17	10%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.15000	0.02000	0.11984	0.01162	0.00559	18	2.60	13%	0
035.43	Sodium, ICP, Microwave (%)	0021	0.71000	0.04000	0.11984	0.01162	0.00559	18	50.80	246%	2
035.51	Sodium, ICP-MS, Dry ash (%)	0019	0.13000	0.00000				1			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.11950	0.00200				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	2080	0.12210	0.00700				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.10775	0.00350				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.11850	0.00500				2			0
035.99	Sodium, Miscellaneous (%)	2105	0.04000	0.00000	0.11431	0.01231	0.00667	6	-6.04	33%	0
035.99	Sodium, Miscellaneous (%)	0242	0.11000	0.00000	0.11431	0.01231	0.00667	6	-0.35	2%	0
035.99	Sodium, Miscellaneous (%)	0035	0.11500	0.01000	0.11431	0.01231	0.00667	6	0.06	0%	0
035.99	Sodium, Miscellaneous (%)	0590	0.11500	0.01000	0.11431	0.01231	0.00667	6	0.06	0%	0
035.99	Sodium, Miscellaneous (%)	0100	0.12500	0.01000	0.11431	0.01231	0.00667	6	0.87	5%	0
035.99	Sodium, Miscellaneous (%)	0889	0.12500	0.01000	0.11431	0.01231	0.00667	6	0.87	5%	0
036.00	Sulfur, Gravimetric (%)	0038	0.29250	0.01100				1			0
036.04	Sulfur, LECO (%)	0098	0.29000	0.00000				3			0
036.04	Sulfur, LECO (%)	0229	0.31000	0.00000				3			0
036.04	Sulfur, LECO (%)	0226	0.32000	0.02000				3			0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.28000	0.00200	0.30563	0.01753	0.01095	20	-1.46	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.28000	0.04000	0.30563	0.01753	0.01095	20	-1.46	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.28500	0.03000	0.30563	0.01753	0.01095	20	-1.18	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.29000	0.00000	0.30563	0.01753	0.01095	20	-0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.29000	0.02000	0.30563	0.01753	0.01095	20	-0.89	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.29790	0.00400	0.30563	0.01753	0.01095	20	-0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.29985	0.01070	0.30563	0.01753	0.01095	20	-0.33	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.30120	0.00100	0.30563	0.01753	0.01095	20	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.30500	0.03000	0.30563	0.01753	0.01095	20	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.30500	0.01000	0.30563	0.01753	0.01095	20	-0.04	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.30550	0.03300	0.30563	0.01753	0.01095	20	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0555	0.30755	0.00190	0.30563	0.01753	0.01095	20	0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.31330	0.00320	0.30563	0.01753	0.01095	20	0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.31500	0.01000	0.30563	0.01753	0.01095	20	0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.31505	0.00030	0.30563	0.01753	0.01095	20	0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.31525	0.00090	0.30563	0.01753	0.01095	20	0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.32000	0.00000	0.30563	0.01753	0.01095	20	0.82	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.32500	0.00200	0.30563	0.01753	0.01095	20	1.11	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.33000	0.02000	0.30563	0.01753	0.01095	20	1.39	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.34100	0.00000	0.30563	0.01753	0.01095	20	2.02	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.27000	0.02000	0.32052	0.03181	0.01296	12	-1.59	8%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.28950	0.00100	0.32052	0.03181	0.01296	12	-0.98	5%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.30350	0.00100	0.32052	0.03181	0.01296	12	-0.54	3%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.30500	0.01000	0.32052	0.03181	0.01296	12	-0.49	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.30850	0.01900	0.32052	0.03181	0.01296	12	-0.38	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.31000	0.00000	0.32052	0.03181	0.01296	12	-0.33	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.31875	0.01450	0.32052	0.03181	0.01296	12	-0.06	0%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.33000	0.00000	0.32052	0.03181	0.01296	12	0.30	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.33500	0.03000	0.32052	0.03181	0.01296	12	0.46	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0032	0.35000	0.02000	0.32052	0.03181	0.01296	12	0.93	5%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.35500	0.01000	0.32052	0.03181	0.01296	12	1.08	5%	0
036.43	Sulfur, ICP, Microwave (%)	0021	0.49500	0.03000	0.32052	0.03181	0.01296	12	5.49	27%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	2,575.0	242.00				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.32150	0.00900				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.29000	0.00000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.33500	0.01000				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	111.00	2.0000	128.96	10.930	2.2804	17	-1.64	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0884	116.55	1.9000	128.96	10.930	2.2804	17	-1.14	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	121.21	4.0900	128.96	10.930	2.2804	17	-0.71	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	122.90	0.40000	128.96	10.930	2.2804	17	-0.55	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	123.24	0.00000	128.96	10.930	2.2804	17	-0.52	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	123.56	2.6200	128.96	10.930	2.2804	17	-0.49	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0638	125.00	0.00000	128.96	10.930	2.2804	17	-0.36	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	126.00	0.00000	128.96	10.930	2.2804	17	-0.27	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0868	127.50	1.0000	128.96	10.930	2.2804	17	-0.13	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	128.00	2.0000	128.96	10.930	2.2804	17	-0.09	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	129.56	2.8864	128.96	10.930	2.2804	17	0.06	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	131.48	2.9300	128.96	10.930	2.2804	17	0.23	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	132.50	1.0000	128.96	10.930	2.2804	17	0.32	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	136.17	1.4900	128.96	10.930	2.2804	17	0.66	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	150.03	2.4500	128.96	10.930	2.2804	17	1.93	8%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	156.00	4.0000	128.96	10.930	2.2804	17	2.47	10%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	191.00	10.000	128.96	10.930	2.2804	17	5.68	24%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0596	134.75	16.700	128.96	10.930	2.2804	17	0.53	2%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	79.290	2.7960	127.49	39.076	5.5740	4	-1.23	19%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	127.65	7.5000	127.49	39.076	5.5740	4	0.00	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	128.00	2.0000	127.49	39.076	5.5740	4	0.01	0%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	175.00	10.000	127.49	39.076	5.5740	4	1.22	19%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	121.90	8.4000				1			0
037.34	Zinc, AAS, Dry ash (mg / kg (ppm))	2080	126.52	2.5500				1			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	46.000	8.0000	127.46	8.9942	3.8193	22	-9.06	32%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	116.73	1.1900	127.46	8.9942	3.8193	22	-1.19	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	116.90	0.60000	127.46	8.9942	3.8193	22	-1.17	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0610	118.00	4.0000	127.46	8.9942	3.8193	22	-1.05	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	121.00	10.000	127.46	8.9942	3.8193	22	-0.72	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0083	123.00	2.0000	127.46	8.9942	3.8193	22	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	123.00	2.0000	127.46	8.9942	3.8193	22	-0.50	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	123.76	3.7600	127.46	8.9942	3.8193	22	-0.41	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	123.85	0.15000	127.46	8.9942	3.8193	22	-0.40	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	124.20	13.600	127.46	8.9942	3.8193	22	-0.36	1%	0

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Issue Date : 11/30/2016

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))	0148	124.90	0.20000	127.46	8.9942	3.8193	22	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0004	127.00	4.0000	127.46	8.9942	3.8193	22	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	127.00	2.0000	127.46	8.9942	3.8193	22	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	129.50	9.0000	127.46	8.9942	3.8193	22	0.23	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	133.50	7.0000	127.46	8.9942	3.8193	22	0.67	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	133.70	4.4000	127.46	8.9942	3.8193	22	0.69	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0011	134.31	0.59000	127.46	8.9942	3.8193	22	0.76	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	135.40	1.4000	127.46	8.9942	3.8193	22	0.88	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	135.99	1.3750	127.46	8.9942	3.8193	22	0.95	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	138.39	3.7600	127.46	8.9942	3.8193	22	1.22	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	139.00	2.0000	127.46	8.9942	3.8193	22	1.28	5%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	146.50	3.0000	127.46	8.9942	3.8193	22	2.12	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2146	161.37	21.564	127.46	8.9942	3.8193	22	3.77	13%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	89.500	1.0000	128.22	10.858	2.9840	21	-3.57	15%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	94.455	10.530	128.22	10.858	2.9840	21	-3.11	13%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	116.50	5.0000	128.22	10.858	2.9840	21	-1.08	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	119.30	0.99000	128.22	10.858	2.9840	21	-0.82	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	122.00	2.0000	128.22	10.858	2.9840	21	-0.57	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	122.50	1.0000	128.22	10.858	2.9840	21	-0.53	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	122.70	1.0000	128.22	10.858	2.9840	21	-0.51	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	123.35	2.3000	128.22	10.858	2.9840	21	-0.45	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	123.50	3.0000	128.22	10.858	2.9840	21	-0.43	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	125.10	1.0000	128.22	10.858	2.9840	21	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	130.00	0.60000	128.22	10.858	2.9840	21	0.16	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	130.12	0.20400	128.22	10.858	2.9840	21	0.18	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0202	131.48	3.0400	128.22	10.858	2.9840	21	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	131.50	1.0000	128.22	10.858	2.9840	21	0.30	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0555	133.00	2.0000	128.22	10.858	2.9840	21	0.44	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	133.00	10.000	128.22	10.858	2.9840	21	0.44	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	135.90	3.6000	128.22	10.858	2.9840	21	0.71	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	140.15	0.10000	128.22	10.858	2.9840	21	1.10	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	140.65	2.3000	128.22	10.858	2.9840	21	1.14	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	143.50	7.0000	128.22	10.858	2.9840	21	1.41	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	155.50	5.0000	128.22	10.858	2.9840	21	2.51	11%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	144.00	18.000	128.22	10.858	2.9840	21	1.45	6%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	109.00	14.000	132.26	9.5839	3.7937	21	-2.43	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	119.89	9.6100	132.26	9.5839	3.7937	21	-1.29	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	121.00	2.0000	132.26	9.5839	3.7937	21	-1.17	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	122.00	0.00000	132.26	9.5839	3.7937	21	-1.07	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	125.50	3.0000	132.26	9.5839	3.7937	21	-0.71	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	128.74	2.2000	132.26	9.5839	3.7937	21	-0.37	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0038	129.00	6.0000	132.26	9.5839	3.7937	21	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	129.00	2.0000	132.26	9.5839	3.7937	21	-0.34	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	129.50	1.0000	132.26	9.5839	3.7937	21	-0.29	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0504	129.85	7.9000	132.26	9.5839	3.7937	21	-0.25	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	132.00	2.0000	132.26	9.5839	3.7937	21	-0.03	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	132.35	4.7000	132.26	9.5839	3.7937	21	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	134.30	0.00000	132.26	9.5839	3.7937	21	0.21	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	136.00	8.0000	132.26	9.5839	3.7937	21	0.39	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	137.15	7.7000	132.26	9.5839	3.7937	21	0.51	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	137.50	1.0000	132.26	9.5839	3.7937	21	0.55	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	138.08	1.8000	132.26	9.5839	3.7937	21	0.61	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	138.45	0.50000	132.26	9.5839	3.7937	21	0.65	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	146.00	4.0000	132.26	9.5839	3.7937	21	1.43	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	150.96	1.2584	132.26	9.5839	3.7937	21	1.95	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	167.50	1.0000	132.26	9.5839	3.7937	21	3.68	13%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0021	315.00	10.000	132.26	9.5839	3.7937	21	19.07	69%	2
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	100.70	6.8000				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	2080	130.54	0.89000				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0555	136.50	3.0000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	2055	106.50	15.000	117.09	11.308	9.2325	4	-0.94	5%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	115.78	3.9300	117.09	11.308	9.2325	4	-0.12	1%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	129.00	8.0000	117.09	11.308	9.2325	4	1.05	5%	0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0021	285.00	10.000	117.09	11.308	9.2325	4	14.85	72%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	121.00	6.0000	129.60	10.286	6.0000	5	-0.84	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	123.00	2.0000	129.60	10.286	6.0000	5	-0.64	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	123.00	4.0000	129.60	10.286	6.0000	5	-0.64	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0035	137.00	6.0000	129.60	10.286	6.0000	5	0.72	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	144.00	12.000	129.60	10.286	6.0000	5	1.40	6%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	2.7200	0.00000				2			0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	2.7500	0.10000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	2.7000	0.12000	2.8900	0.28688	0.20500	4	-0.66	3%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0555	2.7500	0.10000	2.8900	0.28688	0.20500	4	-0.49	2%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	3.2200	0.04000	2.8900	0.28688	0.20500	4	1.15	6%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	3.3800	0.56000	2.8900	0.28688	0.20500	4	1.71	8%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0021	1.5500	0.30000	2.9935	0.65406	0.15828	9	-2.21	24%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.6250	0.03000	2.9935	0.65406	0.15828	9	-0.56	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	2.7500	0.02000	2.9935	0.65406	0.15828	9	-0.37	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.7578	0.03060	2.9935	0.65406	0.15828	9	-0.36	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0038	2.9000	0.20000	2.9935	0.65406	0.15828	9	-0.14	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	3.1000	0.40000	2.9935	0.65406	0.15828	9	0.16	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.1500	0.10000	2.9935	0.65406	0.15828	9	0.24	3%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	3.6718	0.16790	2.9935	0.65406	0.15828	9	1.04	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0504	4.5730	0.17600	2.9935	0.65406	0.15828	9	2.41	26%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.5450	0.21000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0555	3.2350	0.13000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0021	1.8500	0.10000	2.6862	0.66137	0.08653	4	-1.26	16%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	2.5005	0.11900	2.6862	0.66137	0.08653	4	-0.28	3%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.0294	0.07710	2.6862	0.66137	0.08653	4	0.52	6%	0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	3.3650	0.05000	2.6862	0.66137	0.08653	4	1.03	13%	0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	10.100	0.40000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0504	9.4250	0.83800				2			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0032	13.249	0.01120				2			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0555	10.000	0.00000				2			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	2080	11.060	0.66000				2			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.7704	0.33770				1			0
041.43	Vanadium, ICP, Microwave (mg / kg (ppm))	0021	1.9000	0.00000				1			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.28550	0.00300				2			0
041.52	Vanadium, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.95500	0.09000				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.38300	0.03000				2			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0021	2.0000	0.20000				2			0
042.00	Chloride, Titrimetric (%)	0297	0.17500	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0948	1.7350	0.01000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	0.22000	0.02000				1			0
042.99	Chloride, Miscellaneous (%)	0613	0.20000	0.02000				1			0
048.01	Bacitracin, Plate MeOH Ext (mg / kg (ppm))	0964	18.056	1.6975				2			0
048.01	Bacitracin, Plate MeOH Ext (mg / kg (ppm))	0043	19.450	0.10000				2			0
048.04	Bacitracin, LC (mg / kg (ppm))	0875	9.7500	1.1000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0227	2,535.0	50.000				1			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	138.50	7.0000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	26.250	0.30000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0675	8.6200	1.3400				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0171	34.400	0.80000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	34.750	3.1000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	24.440	3.1600				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	2103	26.950	0.50000				3			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	33.900	3.4000				3			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0160	27.800	14.600				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0208	3.1715	0.13300				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	4.6450	0.37000				2			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	0.65150	0.07300				1			0
106.00	Vitamin A, Color (KU / kg)	0171	20.050	0.70000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	20.450	1.3000				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)	0875	9.9450	0.17000	17.657	5.3019	0.77098	21	-1.45	22%	0
106.02	Vitamin A, LC (KU / kg)	0555	11.200	1.0000	17.657	5.3019	0.77098	21	-1.22	18%	0
106.02	Vitamin A, LC (KU / kg)	0028	12.675	0.41000	17.657	5.3019	0.77098	21	-0.94	14%	0
106.02	Vitamin A, LC (KU / kg)	2053	12.700	1.8000	17.657	5.3019	0.77098	21	-0.93	14%	0
106.02	Vitamin A, LC (KU / kg)	0148	14.135	0.03000	17.657	5.3019	0.77098	21	-0.66	10%	0
106.02	Vitamin A, LC (KU / kg)	0004	14.340	0.28000	17.657	5.3019	0.77098	21	-0.63	9%	0
106.02	Vitamin A, LC (KU / kg)	0941	14.687	0.71800	17.657	5.3019	0.77098	21	-0.56	8%	0
106.02	Vitamin A, LC (KU / kg)	0689	14.950	0.70000	17.657	5.3019	0.77098	21	-0.51	8%	0
106.02	Vitamin A, LC (KU / kg)	0676	16.340	1.9200	17.657	5.3019	0.77098	21	-0.25	4%	0
106.02	Vitamin A, LC (KU / kg)	0910	16.450	0.30000	17.657	5.3019	0.77098	21	-0.23	3%	0
106.02	Vitamin A, LC (KU / kg)	0610	16.700	0.00000	17.657	5.3019	0.77098	21	-0.18	3%	0
106.02	Vitamin A, LC (KU / kg)	0016	18.150	0.30000	17.657	5.3019	0.77098	21	0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0861	18.450	0.10000	17.657	5.3019	0.77098	21	0.15	2%	0
106.02	Vitamin A, LC (KU / kg)	0208	18.849	0.75000	17.657	5.3019	0.77098	21	0.22	3%	0
106.02	Vitamin A, LC (KU / kg)	0027	19.223	1.0913	17.657	5.3019	0.77098	21	0.30	4%	0
106.02	Vitamin A, LC (KU / kg)	2103	19.670	0.52000	17.657	5.3019	0.77098	21	0.38	6%	0
106.02	Vitamin A, LC (KU / kg)	0199	23.796	1.4270	17.657	5.3019	0.77098	21	1.16	17%	0
106.02	Vitamin A, LC (KU / kg)	0169	24.000	4.0000	17.657	5.3019	0.77098	21	1.20	18%	0
106.02	Vitamin A, LC (KU / kg)	0563	24.024	0.19430	17.657	5.3019	0.77098	21	1.20	18%	0
106.02	Vitamin A, LC (KU / kg)	0638	24.900	0.00000	17.657	5.3019	0.77098	21	1.37	21%	0
106.02	Vitamin A, LC (KU / kg)	0675	34.380	0.48000	17.657	5.3019	0.77098	21	3.15	47%	0
106.02	Vitamin A, LC (KU / kg)	0227	14.350	8.7000	17.657	5.3019	0.77098	21	-0.62	9%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	65.750	3.1000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	7.0000	0.00000				1			0
108.02	Vitamin D3, LC (KU / kg)	0676	2.8450	0.29000	5.5830	1.7670	0.40600	5	-1.55	25%	0
108.02	Vitamin D3, LC (KU / kg)	0610	4.9500	0.70000	5.5830	1.7670	0.40600	5	-0.36	6%	0
108.02	Vitamin D3, LC (KU / kg)	0227	5.9750	0.01000	5.5830	1.7670	0.40600	5	0.22	4%	0
108.02	Vitamin D3, LC (KU / kg)	0208	7.0600	0.78000	5.5830	1.7670	0.40600	5	0.84	13%	0
108.02	Vitamin D3, LC (KU / kg)	0675	7.0850	0.25000	5.5830	1.7670	0.40600	5	0.85	13%	0
109.02	Vitamin E, LC (IU/kg)	0098	45.000	2.0000	66.599	15.792	2.0846	19	-1.37	16%	0
109.02	Vitamin E, LC (IU/kg)	0555	46.450	1.5000	66.599	15.792	2.0846	19	-1.28	15%	0
109.02	Vitamin E, LC (IU/kg)	0941	53.385	3.6100	66.599	15.792	2.0846	19	-0.84	10%	0
109.02	Vitamin E, LC (IU/kg)	0676	55.145	0.23000	66.599	15.792	2.0846	19	-0.73	9%	0
109.02	Vitamin E, LC (IU/kg)	0723	58.070	0.00000	66.599	15.792	2.0846	19	-0.54	6%	0
109.02	Vitamin E, LC (IU/kg)	0910	59.200	4.2000	66.599	15.792	2.0846	19	-0.47	6%	0
109.02	Vitamin E, LC (IU/kg)	0208	59.539	0.63800	66.599	15.792	2.0846	19	-0.45	5%	0
109.02	Vitamin E, LC (IU/kg)	2103	60.700	2.4000	66.599	15.792	2.0846	19	-0.37	4%	0
109.02	Vitamin E, LC (IU/kg)	0610	61.000	0.00000	66.599	15.792	2.0846	19	-0.35	4%	0
109.02	Vitamin E, LC (IU/kg)	0227	63.450	0.30000	66.599	15.792	2.0846	19	-0.20	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	66.500	1.0000	66.599	15.792	2.0846	19	-0.01	0%	0
109.02	Vitamin E, LC (IU/kg)	0027	67.012	0.66100	66.599	15.792	2.0846	19	0.03	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
109.02	Vitamin E, LC (IU/kg)	0199	69.730	0.63700	66.599	15.792	2.0846	19	0.20	2%	0
109.02	Vitamin E, LC (IU/kg)	0038	69.940	6.2000	66.599	15.792	2.0846	19	0.21	3%	0
109.02	Vitamin E, LC (IU/kg)	0148	76.970	0.16000	66.599	15.792	2.0846	19	0.66	8%	0
109.02	Vitamin E, LC (IU/kg)	0638	82.700	0.00000	66.599	15.792	2.0846	19	1.02	12%	0
109.02	Vitamin E, LC (IU/kg)	0563	90.024	0.07140	66.599	15.792	2.0846	19	1.48	18%	0
109.02	Vitamin E, LC (IU/kg)	0590	100.00	0.00000	66.599	15.792	2.0846	19	2.12	25%	0
109.02	Vitamin E, LC (IU/kg)	0169	102.00	16.000	66.599	15.792	2.0846	19	2.24	27%	0
109.02	Vitamin E, LC (IU/kg)	0675	178.59	42.470	66.599	15.792	2.0846	19	7.09	84%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0171	61.500	1.0000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	13.500	0.60000				1			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0160	4.5300	0.98000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	4.0000	0.00000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	1.1800	0.10000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.2600	0.00000	1.3377	0.04205	0.01696	18	-1.85	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.2735	0.00100	1.3377	0.04205	0.01696	18	-1.53	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.2800	0.00000	1.3377	0.04205	0.01696	18	-1.37	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.2850	0.03000	1.3377	0.04205	0.01696	18	-1.25	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.3100	0.00000	1.3377	0.04205	0.01696	18	-0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.3350	0.01000	1.3377	0.04205	0.01696	18	-0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.3445	0.00700	1.3377	0.04205	0.01696	18	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.3455	0.01100	1.3377	0.04205	0.01696	18	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.3485	0.02300	1.3377	0.04205	0.01696	18	0.26	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.3500	0.02000	1.3377	0.04205	0.01696	18	0.29	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.3530	0.01800	1.3377	0.04205	0.01696	18	0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.3555	0.01100	1.3377	0.04205	0.01696	18	0.42	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.3595	0.00700	1.3377	0.04205	0.01696	18	0.52	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.3615	0.02900	1.3377	0.04205	0.01696	18	0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.3650	0.07000	1.3377	0.04205	0.01696	18	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.3650	0.01000	1.3377	0.04205	0.01696	18	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.3709	0.00020	1.3377	0.04205	0.01696	18	0.79	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.5048	0.05810	1.3377	0.04205	0.01696	18	3.97	6%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.3530	0.00400				1			0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.3050	0.01000				2			0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.3100	0.00000				2			0
120.99	Alanine, Miscellaneous (%)	2146	1.2600	0.02000				2			0
120.99	Alanine, Miscellaneous (%)	0160	1.4000	0.16000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	1.7350	0.09000	1.8564	0.06686	0.03368	18	-1.82	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.7577	0.01520	1.8564	0.06686	0.03368	18	-1.48	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.7600	0.02000	1.8564	0.06686	0.03368	18	-1.44	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.7985	0.01300	1.8564	0.06686	0.03368	18	-0.87	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.8350	0.05000	1.8564	0.06686	0.03368	18	-0.32	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.8350	0.01000	1.8564	0.06686	0.03368	18	-0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.8450	0.07000	1.8564	0.06686	0.03368	18	-0.17	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.8600	0.04000	1.8564	0.06686	0.03368	18	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.8635	0.05710	1.8564	0.06686	0.03368	18	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.8635	0.03500	1.8564	0.06686	0.03368	18	0.11	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.8690	0.06200	1.8564	0.06686	0.03368	18	0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.8700	0.00000	1.8564	0.06686	0.03368	18	0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.8820	0.02600	1.8564	0.06686	0.03368	18	0.38	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.8965	0.00500	1.8564	0.06686	0.03368	18	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.9135	0.00300	1.8564	0.06686	0.03368	18	0.85	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.9250	0.05000	1.8564	0.06686	0.03368	18	1.03	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.9355	0.04500	1.8564	0.06686	0.03368	18	1.18	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.9495	0.01500	1.8564	0.06686	0.03368	18	1.39	3%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.8560	0.00800				1			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.9150	0.03000				2			0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.9450	0.03000				2			0
121.99	Arginine, Miscellaneous (%)	0160	2.1850	0.21000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.6950	0.03000	2.8763	0.07036	0.03434	17	-2.58	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.7805	0.02300	2.8763	0.07036	0.03434	17	-1.36	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	2.8000	0.02000	2.8763	0.07036	0.03434	17	-1.08	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.8000	0.04000	2.8763	0.07036	0.03434	17	-1.08	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.8370	0.00600	2.8763	0.07036	0.03434	17	-0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.8450	0.01000	2.8763	0.07036	0.03434	17	-0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.8620	0.03400	2.8763	0.07036	0.03434	17	-0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.8900	0.02000	2.8763	0.07036	0.03434	17	0.19	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.8930	0.06800	2.8763	0.07036	0.03434	17	0.24	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.8950	0.03000	2.8763	0.07036	0.03434	17	0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.9040	0.07200	2.8763	0.07036	0.03434	17	0.39	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	2.9100	0.02000	2.8763	0.07036	0.03434	17	0.48	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.9110	0.00800	2.8763	0.07036	0.03434	17	0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.9345	0.00100	2.8763	0.07036	0.03434	17	0.83	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.9350	0.03000	2.8763	0.07036	0.03434	17	0.83	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.9505	0.11300	2.8763	0.07036	0.03434	17	1.05	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.9796	0.05870	2.8763	0.07036	0.03434	17	1.47	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	3.1510	0.18890	2.8763	0.07036	0.03434	17	3.90	5%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	2.9435	0.01900				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.9400	0.04000				2			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.9750	0.07000				2			0
122.99	Aspartic, Miscellaneous (%)	0160	2.9100	0.18000				2			0
122.99	Aspartic, Miscellaneous (%)	2146	2.9550	0.03000				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.33375	0.01350	0.38815	0.02326	0.00791	17	-2.34	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.34700	0.01400	0.38815	0.02326	0.00791	17	-1.77	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.36500	0.01000	0.38815	0.02326	0.00791	17	-1.00	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.37300	0.00400	0.38815	0.02326	0.00791	17	-0.65	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.37500	0.01000	0.38815	0.02326	0.00791	17	-0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.37500	0.01000	0.38815	0.02326	0.00791	17	-0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.38050	0.01100	0.38815	0.02326	0.00791	17	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.38950	0.00100	0.38815	0.02326	0.00791	17	0.06	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.39000	0.00000	0.38815	0.02326	0.00791	17	0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.39700	0.02000	0.38815	0.02326	0.00791	17	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.39700	0.00000	0.38815	0.02326	0.00791	17	0.38	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.39800	0.01200	0.38815	0.02326	0.00791	17	0.42	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.39850	0.00300	0.38815	0.02326	0.00791	17	0.44	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.40250	0.00300	0.38815	0.02326	0.00791	17	0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.41300	0.00200	0.38815	0.02326	0.00791	17	1.07	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.41500	0.01000	0.38815	0.02326	0.00791	17	1.15	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.46950	0.01100	0.38815	0.02326	0.00791	17	3.50	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.43300	0.03800	0.38815	0.02326	0.00791	17	1.93	6%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.39100	0.00200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.40500	0.01000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.41000	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.41130	0.00000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.38000	0.02000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	4.5800	0.02000	4.8126	0.10517	0.05096	17	-2.21	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	4.5805	0.04100	4.8126	0.10517	0.05096	17	-2.21	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.6500	0.02000	4.8126	0.10517	0.05096	17	-1.55	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	4.7070	0.11800	4.8126	0.10517	0.05096	17	-1.00	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	4.7930	0.01000	4.8126	0.10517	0.05096	17	-0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	4.8095	0.00700	4.8126	0.10517	0.05096	17	-0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	4.8160	0.13200	4.8126	0.10517	0.05096	17	0.03	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	4.8200	0.10000	4.8126	0.10517	0.05096	17	0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.8300	0.00000	4.8126	0.10517	0.05096	17	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.8300	0.04000	4.8126	0.10517	0.05096	17	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	4.8525	0.02700	4.8126	0.10517	0.05096	17	0.38	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	4.8650	0.03000	4.8126	0.10517	0.05096	17	0.50	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.8670	0.02400	4.8126	0.10517	0.05096	17	0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.8850	0.01000	4.8126	0.10517	0.05096	17	0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	4.9100	0.14000	4.8126	0.10517	0.05096	17	0.93	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	4.9235	0.07100	4.8126	0.10517	0.05096	17	1.05	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.9406	0.07640	4.8126	0.10517	0.05096	17	1.22	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	5.1485	0.39040	4.8126	0.10517	0.05096	17	3.19	3%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	4.8075	0.00700				1			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.8200	0.06000				2			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	4.8700	0.08000				2			0
125.99	Glutamic, Miscellaneous (%)	2146	4.8250	0.11000				2			0
125.99	Glutamic, Miscellaneous (%)	0160	5.1500	0.44000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.2800	0.00000	1.3663	0.03051	0.01508	17	-2.83	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.3200	0.02000	1.3663	0.03051	0.01508	17	-1.52	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.3350	0.01000	1.3663	0.03051	0.01508	17	-1.03	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.3460	0.01000	1.3663	0.03051	0.01508	17	-0.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.3495	0.00500	1.3663	0.03051	0.01508	17	-0.55	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	1.3530	0.00000	1.3663	0.03051	0.01508	17	-0.44	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.3600	0.02000	1.3663	0.03051	0.01508	17	-0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.3650	0.03000	1.3663	0.03051	0.01508	17	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.3650	0.01000	1.3663	0.03051	0.01508	17	-0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.3730	0.01200	1.3663	0.03051	0.01508	17	0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.3780	0.02000	1.3663	0.03051	0.01508	17	0.38	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.3795	0.00700	1.3663	0.03051	0.01508	17	0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	1.3800	0.00000	1.3663	0.03051	0.01508	17	0.45	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.3900	0.04000	1.3663	0.03051	0.01508	17	0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.3970	0.03600	1.3663	0.03051	0.01508	17	1.01	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	1.4032	0.00230	1.3663	0.03051	0.01508	17	1.21	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.4520	0.03400	1.3663	0.03051	0.01508	17	2.81	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	1.4531	0.08060	1.3663	0.03051	0.01508	17	2.84	3%	1
126.02	Glycine, Post-col OPA Der (%)	0098	1.3600	0.00400				1			0
126.05	Glycine, Pre-col AQC Der (%)	0676	1.3950	0.05000				2			0
126.05	Glycine, Pre-col AQC Der (%)	0610	1.4050	0.03000				2			0
126.99	Glycine, Miscellaneous (%)	2146	1.3500	0.02000				2			0
126.99	Glycine, Miscellaneous (%)	0160	1.5700	0.10000				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.66500	0.00200	0.70487	0.01536	0.00738	17	-2.60	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.68715	0.00430	0.70487	0.01536	0.00738	17	-1.15	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.69500	0.01000	0.70487	0.01536	0.00738	17	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.69500	0.01000	0.70487	0.01536	0.00738	17	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.69500	0.01000	0.70487	0.01536	0.00738	17	-0.64	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.69600	0.01000	0.70487	0.01536	0.00738	17	-0.58	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.69650	0.00100	0.70487	0.01536	0.00738	17	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.69850	0.02300	0.70487	0.01536	0.00738	17	-0.41	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.70350	0.00300	0.70487	0.01536	0.00738	17	-0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.70900	0.00000	0.70487	0.01536	0.00738	17	0.27	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.71000	0.00000	0.70487	0.01536	0.00738	17	0.33	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.71000	0.00000	0.70487	0.01536	0.00738	17	0.33	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.71150	0.00300	0.70487	0.01536	0.00738	17	0.43	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.71500	0.01000	0.70487	0.01536	0.00738	17	0.66	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.72300	0.00200	0.70487	0.01536	0.00738	17	1.18	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.72790	0.03020	0.70487	0.01536	0.00738	17	1.50	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.72850	0.00700	0.70487	0.01536	0.00738	17	1.54	2%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.68450	0.01300				1			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.69500	0.01000				2			0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.87500	0.01000				2			0
127.99	Histidine, Miscellaneous (%)	0160	0.77000	0.06000				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.0560	0.09800	1.1602	0.03604	0.02048	17	-2.89	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.1100	0.00000	1.1602	0.03604	0.02048	17	-1.39	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.1200	0.00000	1.1602	0.03604	0.02048	17	-1.12	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.1211	0.08090	1.1602	0.03604	0.02048	17	-1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.1450	0.01000	1.1602	0.03604	0.02048	17	-0.42	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.1500	0.00000	1.1602	0.03604	0.02048	17	-0.28	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.1500	0.00600	1.1602	0.03604	0.02048	17	-0.28	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.1545	0.01300	1.1602	0.03604	0.02048	17	-0.16	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.1710	0.04920	1.1602	0.03604	0.02048	17	0.30	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.1735	0.00500	1.1602	0.03604	0.02048	17	0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.1750	0.01000	1.1602	0.03604	0.02048	17	0.41	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.1760	0.00600	1.1602	0.03604	0.02048	17	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.1790	0.03200	1.1602	0.03604	0.02048	17	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.1900	0.02000	1.1602	0.03604	0.02048	17	0.83	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.1925	0.00700	1.1602	0.03604	0.02048	17	0.89	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.2050	0.01000	1.1602	0.03604	0.02048	17	1.24	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.2055	0.00100	1.1602	0.03604	0.02048	17	1.26	2%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.1680	0.01800				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.1550	0.01000				2			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.1850	0.03000				2			0
128.99	Isoleucine, Miscellaneous (%)	2146	1.1400	0.02000				2			0
128.99	Isoleucine, Miscellaneous (%)	0160	1.3050	0.29000				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.9750	0.01000	2.1148	0.04133	0.02074	17	-3.38	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.0400	0.02000	2.1148	0.04133	0.02074	17	-1.81	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.0600	0.00000	2.1148	0.04133	0.02074	17	-1.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.0840	0.06000	2.1148	0.04133	0.02074	17	-0.75	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.0972	0.00680	2.1148	0.04133	0.02074	17	-0.43	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.1000	0.05600	2.1148	0.04133	0.02074	17	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.1110	0.00400	2.1148	0.04133	0.02074	17	-0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.1125	0.01900	2.1148	0.04133	0.02074	17	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.1150	0.01000	2.1148	0.04133	0.02074	17	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.1350	0.01000	2.1148	0.04133	0.02074	17	0.49	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.1365	0.01500	2.1148	0.04133	0.02074	17	0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.1375	0.00300	2.1148	0.04133	0.02074	17	0.55	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	
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.1390	0.01000	2.1148	0.04133	0.02074	17	0.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.1415	0.01700	2.1148	0.04133	0.02074	17	0.65	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.1450	0.01000	2.1148	0.04133	0.02074	17	0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.1550	0.01000	2.1148	0.04133	0.02074	17	0.97	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.2690	0.09170	2.1148	0.04133	0.02074	17	3.73	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	2.0400	0.14000	2.1148	0.04133	0.02074	17	-1.81	2%	1
129.02	Leucine, Post-col OPA Der (%)	0098	2.0970	0.07400				1			0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.0550	0.01000				2			0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.1700	0.04000				2			0
129.99	Leucine, Miscellaneous (%)	2146	2.0850	0.07000				2			0
129.99	Leucine, Miscellaneous (%)	0160	2.4550	0.63000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	1.4250	0.13000	1.6010	0.06296	0.02654	19	-2.80	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.4900	0.02000	1.6010	0.06296	0.02654	19	-1.76	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.5100	0.00000	1.6010	0.06296	0.02654	19	-1.45	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.5500	0.12000	1.6010	0.06296	0.02654	19	-0.81	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.5650	0.01000	1.6010	0.06296	0.02654	19	-0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.5670	0.00600	1.6010	0.06296	0.02654	19	-0.54	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.5895	0.00100	1.6010	0.06296	0.02654	19	-0.18	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.5900	0.00000	1.6010	0.06296	0.02654	19	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.6030	0.00200	1.6010	0.06296	0.02654	19	0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.6040	0.00800	1.6010	0.06296	0.02654	19	0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.6250	0.01000	1.6010	0.06296	0.02654	19	0.38	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.6285	0.00700	1.6010	0.06296	0.02654	19	0.44	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.6300	0.01000	1.6010	0.06296	0.02654	19	0.46	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.6310	0.06000	1.6010	0.06296	0.02654	19	0.48	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.6345	0.04300	1.6010	0.06296	0.02654	19	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.6422	0.00760	1.6010	0.06296	0.02654	19	0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	1.6750	0.01000	1.6010	0.06296	0.02654	19	1.18	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.6800	0.02000	1.6010	0.06296	0.02654	19	1.25	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.6812	0.03960	1.6010	0.06296	0.02654	19	1.27	3%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.6895	0.03900				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	1.5760	0.00000	1.6090	0.02647	0.02500	4	-1.25	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.6050	0.03000	1.6090	0.02647	0.02500	4	-0.15	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	1.6150	0.03000	1.6090	0.02647	0.02500	4	0.23	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0016	1.6400	0.04000	1.6090	0.02647	0.02500	4	1.17	1%	0
130.99	L-Lysine, Miscellaneous (%)	2053	1.4000	0.04000	1.6180	0.14733	0.04000	5	-1.48	7%	0
130.99	L-Lysine, Miscellaneous (%)	2146	1.5400	0.02000	1.6180	0.14733	0.04000	5	-0.53	2%	0
130.99	L-Lysine, Miscellaneous (%)	0160	1.6650	0.09000	1.6180	0.14733	0.04000	5	0.32	1%	0
130.99	L-Lysine, Miscellaneous (%)	2145	1.7400	0.04000	1.6180	0.14733	0.04000	5	0.83	4%	0
130.99	L-Lysine, Miscellaneous (%)	2144	1.7450	0.01000	1.6180	0.14733	0.04000	5	0.86	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	0.33500	0.01000	0.51501	0.02308	0.01635	19	-7.80	17%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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 (%)	0684	0.45500	0.02600	0.51501	0.02308	0.01635	19	-2.60	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.48665	0.01890	0.51501	0.02308	0.01635	19	-1.23	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.49300	0.00400	0.51501	0.02308	0.01635	19	-0.95	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.50100	0.03400	0.51501	0.02308	0.01635	19	-0.61	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.51000	0.02000	0.51501	0.02308	0.01635	19	-0.22	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.51450	0.00700	0.51501	0.02308	0.01635	19	-0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.51500	0.03000	0.51501	0.02308	0.01635	19	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.51500	0.00000	0.51501	0.02308	0.01635	19	0.00	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.51550	0.01100	0.51501	0.02308	0.01635	19	0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.51650	0.05100	0.51501	0.02308	0.01635	19	0.06	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.52000	0.02000	0.51501	0.02308	0.01635	19	0.22	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.52000	0.00600	0.51501	0.02308	0.01635	19	0.22	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.52050	0.00300	0.51501	0.02308	0.01635	19	0.24	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.52150	0.01100	0.51501	0.02308	0.01635	19	0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.53500	0.01000	0.51501	0.02308	0.01635	19	0.87	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.54100	0.00000	0.51501	0.02308	0.01635	19	1.13	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.56370	0.02880	0.51501	0.02308	0.01635	19	2.11	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.57000	0.02000	0.51501	0.02308	0.01635	19	2.38	5%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.49700	0.00600				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.48640	0.00000				2			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.53000	0.00000				2			0
131.99	Methionine, Miscellaneous (%)	2053	0.43650	0.02300	0.52538	0.06213	0.01825	4	-1.43	8%	0
131.99	Methionine, Miscellaneous (%)	2144	0.53000	0.00000	0.52538	0.06213	0.01825	4	0.07	0%	0
131.99	Methionine, Miscellaneous (%)	2146	0.56000	0.02000	0.52538	0.06213	0.01825	4	0.56	3%	0
131.99	Methionine, Miscellaneous (%)	2145	0.57500	0.03000	0.52538	0.06213	0.01825	4	0.80	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.2350	0.01000	1.3055	0.03566	0.01714	18	-1.98	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	1.2550	0.01000	1.3055	0.03566	0.01714	18	-1.42	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	1.2620	0.03000	1.3055	0.03566	0.01714	18	-1.22	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	1.2730	0.00400	1.3055	0.03566	0.01714	18	-0.91	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	1.2800	0.06000	1.3055	0.03566	0.01714	18	-0.71	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.2900	0.02000	1.3055	0.03566	0.01714	18	-0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.3020	0.00600	1.3055	0.03566	0.01714	18	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.3050	0.01000	1.3055	0.03566	0.01714	18	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	1.3050	0.01000	1.3055	0.03566	0.01714	18	-0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	1.3060	0.03600	1.3055	0.03566	0.01714	18	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	1.3183	0.02460	1.3055	0.03566	0.01714	18	0.36	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	1.3200	0.00000	1.3055	0.03566	0.01714	18	0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	1.3290	0.00600	1.3055	0.03566	0.01714	18	0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	1.3310	0.00600	1.3055	0.03566	0.01714	18	0.72	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	1.3315	0.01500	1.3055	0.03566	0.01714	18	0.73	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	1.3350	0.01000	1.3055	0.03566	0.01714	18	0.83	1%	0

Test Material Code # 201630

Method Proficiency Testing Report

Issue Date : 11/30/2016

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 (%)	0571	1.3450	0.01400	1.3055	0.03566	0.01714	18	1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	1.3616	0.03690	1.3055	0.03566	0.01714	18	1.57	2%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	1.3010	0.01800				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	1.2550	0.01000				2			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	1.3650	0.01000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2146	1.3650	0.03000				2			0
132.99	Phenylalanine, Miscellaneous (%)	0160	1.5100	0.20000				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.4800	0.00000	1.5728	0.04574	0.02494	17	-2.03	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.5050	0.01000	1.5728	0.04574	0.02494	17	-1.48	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.5289	0.03700	1.5728	0.04574	0.02494	17	-0.96	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.5360	0.01600	1.5728	0.04574	0.02494	17	-0.81	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.5450	0.03000	1.5728	0.04574	0.02494	17	-0.61	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.5475	0.01500	1.5728	0.04574	0.02494	17	-0.55	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.5730	0.00600	1.5728	0.04574	0.02494	17	0.00	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.5750	0.01000	1.5728	0.04574	0.02494	17	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.5770	0.00000	1.5728	0.04574	0.02494	17	0.09	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.5805	0.00900	1.5728	0.04574	0.02494	17	0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.5875	0.04500	1.5728	0.04574	0.02494	17	0.32	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.5895	0.02900	1.5728	0.04574	0.02494	17	0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.6000	0.02000	1.5728	0.04574	0.02494	17	0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.6000	0.10000	1.5728	0.04574	0.02494	17	0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.6175	0.00700	1.5728	0.04574	0.02494	17	0.98	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.6300	0.04000	1.5728	0.04574	0.02494	17	1.25	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.8150	0.05000	1.5728	0.04574	0.02494	17	5.30	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.7140	0.13470	1.5728	0.04574	0.02494	17	3.09	4%	1
133.05	Proline, Pre-col AQC Der (%)	0676	1.5650	0.03000				2			0
133.05	Proline, Pre-col AQC Der (%)	0610	1.5800	0.04000				2			0
133.99	Proline, Miscellaneous (%)	2146	1.5750	0.01000				2			0
133.99	Proline, Miscellaneous (%)	0160	1.8600	0.64000				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.0850	0.11000	1.3190	0.05041	0.03932	18	-4.64	9%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.1980	0.06800	1.3190	0.05041	0.03932	18	-2.40	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.2300	0.00000	1.3190	0.05041	0.03932	18	-1.77	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.2965	0.00700	1.3190	0.05041	0.03932	18	-0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.2990	0.01400	1.3190	0.05041	0.03932	18	-0.40	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.3005	0.01300	1.3190	0.05041	0.03932	18	-0.37	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.3100	0.02000	1.3190	0.05041	0.03932	18	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.3150	0.05000	1.3190	0.05041	0.03932	18	-0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.3200	0.02000	1.3190	0.05041	0.03932	18	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.3285	0.00300	1.3190	0.05041	0.03932	18	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.3315	0.03100	1.3190	0.05041	0.03932	18	0.25	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.3350	0.01000	1.3190	0.05041	0.03932	18	0.32	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.3350	0.01000	1.3190	0.05041	0.03932	18	0.32	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.3380	0.00200	1.3190	0.05041	0.03932	18	0.38	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.3505	0.02100	1.3190	0.05041	0.03932	18	0.63	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.3716	0.15820	1.3190	0.05041	0.03932	18	1.04	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.3861	0.08050	1.3190	0.05041	0.03932	18	1.33	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	1.4250	0.09000	1.3190	0.05041	0.03932	18	2.10	4%	0
134.02	Serine, Post-col OPA Der (%)	0098	1.2365	0.03700				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	1.3100	0.02000				2			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.3250	0.01000				2			0
134.99	Serine, Miscellaneous (%)	0160	1.4550	0.11000				2			0
134.99	Serine, Miscellaneous (%)	2146	1.7600	0.00000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.0000	0.02000	1.0502	0.03627	0.01828	18	-1.38	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	1.0030	0.03400	1.0502	0.03627	0.01828	18	-1.30	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.0100	0.00000	1.0502	0.03627	0.01828	18	-1.11	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.0160	0.01200	1.0502	0.03627	0.01828	18	-0.94	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.0200	0.06000	1.0502	0.03627	0.01828	18	-0.83	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.0285	0.00700	1.0502	0.03627	0.01828	18	-0.60	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.0400	0.02000	1.0502	0.03627	0.01828	18	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.0400	0.00000	1.0502	0.03627	0.01828	18	-0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.0550	0.01000	1.0502	0.03627	0.01828	18	0.13	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.0570	0.00800	1.0502	0.03627	0.01828	18	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.0590	0.00400	1.0502	0.03627	0.01828	18	0.24	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.0670	0.02400	1.0502	0.03627	0.01828	18	0.46	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.0700	0.01400	1.0502	0.03627	0.01828	18	0.55	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.0800	0.00000	1.0502	0.03627	0.01828	18	0.82	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.0815	0.01500	1.0502	0.03627	0.01828	18	0.86	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.0830	0.03310	1.0502	0.03627	0.01828	18	0.90	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.0895	0.01700	1.0502	0.03627	0.01828	18	1.08	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.1473	0.05100	1.0502	0.03627	0.01828	18	2.68	5%	0
135.02	Threonine, Post-col OPA Der (%)	0098	1.0500	0.02800				1			0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.0600	0.00000				2			0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.0750	0.01000				2			0
135.99	Threonine, Miscellaneous (%)	2146	1.0700	0.00000				2			0
135.99	Threonine, Miscellaneous (%)	0160	1.1800	0.10000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.27020	0.00560	0.33605	0.05773	0.02024	5	-1.14	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.29420	0.06560	0.33605	0.05773	0.02024	5	-0.72	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.32300	0.01400	0.33605	0.05773	0.02024	5	-0.23	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.34100	0.01600	0.33605	0.05773	0.02024	5	0.09	1%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.41000	0.00000	0.33605	0.05773	0.02024	5	1.28	11%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.35300	0.00200				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.36300	0.00000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.34650	0.01500				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.32200	0.00200	0.34463	0.01636	0.00325	4	-1.38	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.34650	0.00700	0.34463	0.01636	0.00325	4	0.11	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.34900	0.00200	0.34463	0.01636	0.00325	4	0.27	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.36100	0.00200	0.34463	0.01636	0.00325	4	1.00	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.57520	0.00960	0.85537	0.07788	0.02062	12	-3.60	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.71500	0.09000	0.85537	0.07788	0.02062	12	-1.80	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.83000	0.04000	0.85537	0.07788	0.02062	12	-0.33	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.83500	0.01000	0.85537	0.07788	0.02062	12	-0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.84410	0.02480	0.85537	0.07788	0.02062	12	-0.14	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.84700	0.00400	0.85537	0.07788	0.02062	12	-0.11	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.85500	0.01000	0.85537	0.07788	0.02062	12	0.00	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.87600	0.00400	0.85537	0.07788	0.02062	12	0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.89100	0.00400	0.85537	0.07788	0.02062	12	0.46	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.91550	0.00700	0.85537	0.07788	0.02062	12	0.77	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.92150	0.04100	0.85537	0.07788	0.02062	12	0.85	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.97950	0.00300	0.85537	0.07788	0.02062	12	1.59	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.84000	0.16000	0.85537	0.07788	0.02062	12	-0.20	1%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.94800	0.02200				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.95500	0.01000				2			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.0150	0.01000				2			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.99500	0.03000				2			0
137.99	Tyrosine, Miscellaneous (%)	0160	1.0800	0.36000				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.2100	0.08000	1.2921	0.05830	0.02720	18	-1.41	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.2150	0.10400	1.2921	0.05830	0.02720	18	-1.32	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.2200	0.02000	1.2921	0.05830	0.02720	18	-1.24	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.2400	0.02000	1.2921	0.05830	0.02720	18	-0.89	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.2450	0.01000	1.2921	0.05830	0.02720	18	-0.81	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.2700	0.02000	1.2921	0.05830	0.02720	18	-0.38	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.2745	0.02700	1.2921	0.05830	0.02720	18	-0.30	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.2762	0.05870	1.2921	0.05830	0.02720	18	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.2880	0.00800	1.2921	0.05830	0.02720	18	-0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.2980	0.00400	1.2921	0.05830	0.02720	18	0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.3190	0.01600	1.2921	0.05830	0.02720	18	0.46	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.3235	0.01500	1.2921	0.05830	0.02720	18	0.54	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.3275	0.01700	1.2921	0.05830	0.02720	18	0.61	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.3300	0.00000	1.2921	0.05830	0.02720	18	0.65	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.3450	0.01000	1.2921	0.05830	0.02720	18	0.91	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.3474	0.06690	1.2921	0.05830	0.02720	18	0.95	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.3545	0.00300	1.2921	0.05830	0.02720	18	1.07	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.3750	0.01000	1.2921	0.05830	0.02720	18	1.42	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.02	Valine, Post-col OPA Der (%)	0098	1.3240	0.00600				1			0
138.05	Valine, Pre-col AQC Der (%)	0610	1.3250	0.03000				2			0
138.05	Valine, Pre-col AQC Der (%)	0676	1.3700	0.00000				2			0
138.99	Valine, Miscellaneous (%)	2146	1.2650	0.05000				2			0
138.99	Valine, Miscellaneous (%)	0160	1.3750	0.15000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.14500	0.01000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.15000	0.02000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.17350	0.00500	0.31783	0.24439	0.03125	4	-0.59	23%	0
160.99	Fructose, Miscellaneous (%)	0638	0.18000	0.00000	0.31783	0.24439	0.03125	4	-0.56	22%	0
160.99	Fructose, Miscellaneous (%)	0227	0.52000	0.12000	0.31783	0.24439	0.03125	4	0.83	32%	0
160.99	Fructose, Miscellaneous (%)	0861	0.60000	0.00000	0.31783	0.24439	0.03125	4	1.15	44%	0
162.99	Glucose, Miscellaneous (%)	0619	0.11400	0.00400				2			0
162.99	Glucose, Miscellaneous (%)	0638	0.18000	0.00000				2			0
162.99	Glucose, Miscellaneous (%)	0861	0.00000	0.00000				2			4
163.99	Lactose, Miscellaneous (%)	0656	0.11000	0.02000				1			0
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				1			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				1			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0629	3.4000	0.00000	3.7439	0.25292	0.11800	5	-1.36	5%	0
165.99	Sucrose, Miscellaneous (%)	0227	3.6950	0.19000	3.7439	0.25292	0.11800	5	-0.19	1%	0
165.99	Sucrose, Miscellaneous (%)	0619	3.7000	0.40000	3.7439	0.25292	0.11800	5	-0.17	1%	0
165.99	Sucrose, Miscellaneous (%)	0723	3.8244	0.00000	3.7439	0.25292	0.11800	5	0.32	1%	0
165.99	Sucrose, Miscellaneous (%)	0861	4.1000	0.00000	3.7439	0.25292	0.11800	5	1.41	5%	0
166.99	Raffinose, Miscellaneous (%)	0227	0.59000	0.00000				2			0
166.99	Raffinose, Miscellaneous (%)	0619	0.71900	0.03400				2			0
167.99	Stachyose, Miscellaneous (%)	0227	2.0500	0.04000				2			0
167.99	Stachyose, Miscellaneous (%)	0619	2.3050	0.29000				2			0
348.05	Bacitracin, residual, LC-MS/MS (µg / kg (ppb))	0613	22.420	1.9000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.46550	0.00300	0.48156	0.02347	0.00172	6	-0.68	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.46850	0.00100	0.48156	0.02347	0.00172	6	-0.56	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.46970	0.00120	0.48156	0.02347	0.00172	6	-0.51	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.47050	0.00100	0.48156	0.02347	0.00172	6	-0.47	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.50065	0.00110	0.48156	0.02347	0.00172	6	0.81	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.51450	0.00300	0.48156	0.02347	0.00172	6	1.40	3%	0
400.99	Water activity, Miscellaneous (Units)	2080	0.47650	0.00900				3			0
400.99	Water activity, Miscellaneous (Units)	2073	0.48500	0.00400				3			0
400.99	Water activity, Miscellaneous (Units)	0843	0.49550	0.00300				3			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.06850	0.00300				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.11500	0.01000				2			0
516.43	Arsenic, total, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				0			4

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0910	0.10000	0.00000							0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	2080	0.13350	0.00300							0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppr	0555	0.24000	0.04000							0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0918	0.10260	0.00540	0.11435	0.01209	0.00784	5	-0.97	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0227	0.10750	0.00500	0.11435	0.01209	0.00784	5	-0.57	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0199	0.11730	0.00480	0.11435	0.01209	0.00784	5	0.24	1%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0553	0.13000	0.00400	0.11435	0.01209	0.00784	5	1.29	7%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0098	0.19500	0.02000	0.11435	0.01209	0.00784	5	6.67	35%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm)	0021	2.1500	0.10000	0.11435	0.01209	0.00784	5	168.35	890%	1
516.99	Arsenic, total, Miscellaneous (mg / kg (ppm))	2146	180.05	7.7000				1			0
518.34	Cadmium, AAS, Graphite furnace (mg / kg (ppm))	0610	0.07000	0.00000				1			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.02900	0.00600				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.07000	0.00000				2			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0021	0.00000	0.00000				0			4
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.06000	0.00000				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.07100	0.00200				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.06300	0.00600	0.06945	0.00610	0.00213	6	-1.06	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.06630	0.00020	0.06945	0.00610	0.00213	6	-0.52	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.06780	0.00060	0.06945	0.00610	0.00213	6	-0.27	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.06900	0.00400	0.06945	0.00610	0.00213	6	-0.07	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.07200	0.00200	0.06945	0.00610	0.00213	6	0.42	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0021	0.30000	0.00000	0.06945	0.00610	0.00213	6	37.80	166%	0
518.99	Cadmium, Miscellaneous (mg / kg (ppm))	2146	99.150	6.7000				1			0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0529	14.250	2.2600				2			0
520.31	Chromium, AAS, Dry ash (mg / kg (ppm))	0656	2,516.3	28.160				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	1.9700	0.06000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.5500	0.10000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	3.8950	0.31000				1			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	3.3550	0.11000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0032	4.7639	0.03970				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0021	62.000	4.0000				3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.50650	0.00300				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0555	1.6000	0.00000				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.96910	0.00000	1.9569	1.5182	0.10658	4	-0.65	25%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.1965	0.19630	1.9569	1.5182	0.10658	4	-0.50	19%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	3.7050	0.23000	1.9569	1.5182	0.10658	4	1.15	45%	0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0021	65.000	0.00000	1.9569	1.5182	0.10658	4	41.52	1611%	0
526.34	Lead, AAS, Graphite furnace (mg / kg (ppm))	0610	0.25500	0.01000				1			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.14600	0.00800				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.25000	0.10000				2			0
526.43	Lead, ICP, Microwave (mg / kg (ppm))	0021	2.1500	0.90000				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			
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.23500	0.01000				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0555	0.27500	0.05000				3			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	2080	0.33500	0.07400				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.21280	0.04560	0.27106	0.05966	0.03133	6	-0.98	11%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.23550	0.01500	0.27106	0.05966	0.03133	6	-0.60	7%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.24550	0.00500	0.27106	0.05966	0.03133	6	-0.43	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.28000	0.01040	0.27106	0.05966	0.03133	6	0.15	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.29200	0.01200	0.27106	0.05966	0.03133	6	0.35	4%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0021	1.8500	0.10000	0.27106	0.05966	0.03133	6	26.47	291%	0
526.99	Lead, Miscellaneous (mg / kg (ppm))	2146	418.80	62.400				1			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	7.4691	0.80700				1			0
539.41	Nickel, ICP, Dry ash (mg / kg (ppm))	0171	2.8500	0.10000				1			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0504	3.1950	0.07000				2			0
539.43	Nickel, ICP, Microwave (mg / kg (ppm))	0021	240.00	20.000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	2080	2.3550	0.43000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0555	2.6600	0.08000				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.1387	0.24490				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0021	235.00	10.000				2			0

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