

Milk Replacer, Medicated

Animal Feed Scheme

# Labs Reporting: 198

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.70000	0.00000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	2.9400	0.00000	3.6961	0.37652	0.08509	11	-2.01	10%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0017	3.3000	0.20000	3.6961	0.37652	0.08509	11	-1.05	5%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	3.4400	0.06000	3.6961	0.37652	0.08509	11	-0.68	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	3.5500	0.02000	3.6961	0.37652	0.08509	11	-0.39	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	3.6310	0.08400	3.6961	0.37652	0.08509	11	-0.17	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0861	3.6850	0.05000	3.6961	0.37652	0.08509	11	-0.03	0%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0596	3.7800	0.08000	3.6961	0.37652	0.08509	11	0.22	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0160	3.9350	0.23000	3.6961	0.37652	0.08509	11	0.63	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0539	3.9650	0.03000	3.6961	0.37652	0.08509	11	0.71	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	3.9790	0.08200	3.6961	0.37652	0.08509	11	0.75	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	6.4800	0.10000	3.6961	0.37652	0.08509	11	7.39	38%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	1.8609	0.01730	3.1991	0.88251	0.01263	6	-1.52	21%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	2.6050	0.03000	3.1991	0.88251	0.01263	6	-0.67	9%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	3.6300	0.00000	3.1991	0.88251	0.01263	6	0.49	7%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	3.6850	0.01000	3.1991	0.88251	0.01263	6	0.55	8%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	3.6950	0.01000	3.1991	0.88251	0.01263	6	0.56	8%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	3.7043	0.00850	3.1991	0.88251	0.01263	6	0.57	8%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	3.8050	0.37000	3.1991	0.88251	0.01263	6	0.69	9%	1
001.05	Loss on Drying, LECO (%)	0610	3.7650	0.01000				2			0
001.05	Loss on Drying, LECO (%)	2161	4.5500	0.00000				2			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	2.6750	0.07000	3.8748	0.27622	0.09733	45	-4.34	15%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	3.2050	0.11000	3.8748	0.27622	0.09733	45	-2.42	9%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	3.5500	0.10000	3.8748	0.27622	0.09733	45	-1.18	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	3.5700	0.02000	3.8748	0.27622	0.09733	45	-1.10	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	3.5900	0.02000	3.8748	0.27622	0.09733	45	-1.03	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	3.6100	0.12000	3.8748	0.27622	0.09733	45	-0.96	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	3.6150	0.09000	3.8748	0.27622	0.09733	45	-0.94	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	3.6400	0.04000	3.8748	0.27622	0.09733	45	-0.85	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	3.6700	0.06000	3.8748	0.27622	0.09733	45	-0.74	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0653	3.6950	0.01000	3.8748	0.27622	0.09733	45	-0.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0265	3.7000	0.00000	3.8748	0.27622	0.09733	45	-0.63	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	3.7000	0.00000	3.8748	0.27622	0.09733	45	-0.63	2%	0

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001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	3.7160	0.04400	3.8748	0.27622	0.09733	45	-0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	3.7186	0.15530	3.8748	0.27622	0.09733	45	-0.57	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	3.7550	0.01000	3.8748	0.27622	0.09733	45	-0.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	3.7550	0.03000	3.8748	0.27622	0.09733	45	-0.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	3.7550	0.03000	3.8748	0.27622	0.09733	45	-0.43	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	3.7650	0.17000	3.8748	0.27622	0.09733	45	-0.40	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	3.7850	0.17000	3.8748	0.27622	0.09733	45	-0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	3.7935	0.04700	3.8748	0.27622	0.09733	45	-0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	3.7950	0.09000	3.8748	0.27622	0.09733	45	-0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	3.8250	0.01000	3.8748	0.27622	0.09733	45	-0.18	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	3.8400	0.26000	3.8748	0.27622	0.09733	45	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0354	3.8400	0.02000	3.8748	0.27622	0.09733	45	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	3.8500	0.02000	3.8748	0.27622	0.09733	45	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	3.8500	0.10000	3.8748	0.27622	0.09733	45	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	3.8500	0.12000	3.8748	0.27622	0.09733	45	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	3.8550	0.03000	3.8748	0.27622	0.09733	45	-0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	3.9000	0.00000	3.8748	0.27622	0.09733	45	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	3.9358	0.00350	3.8748	0.27622	0.09733	45	0.22	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	3.9600	0.00000	3.8748	0.27622	0.09733	45	0.31	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2068	3.9750	0.01000	3.8748	0.27622	0.09733	45	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	4.0150	0.11000	3.8748	0.27622	0.09733	45	0.51	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	4.0500	0.00000	3.8748	0.27622	0.09733	45	0.63	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	4.0550	0.21000	3.8748	0.27622	0.09733	45	0.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	4.1000	0.60000	3.8748	0.27622	0.09733	45	0.82	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	4.1650	0.25000	3.8748	0.27622	0.09733	45	1.05	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	4.2050	0.23000	3.8748	0.27622	0.09733	45	1.20	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	4.2600	0.00000	3.8748	0.27622	0.09733	45	1.39	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	4.3050	0.17000	3.8748	0.27622	0.09733	45	1.56	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	4.3650	0.01000	3.8748	0.27622	0.09733	45	1.77	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	4.4050	0.09000	3.8748	0.27622	0.09733	45	1.92	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	4.4800	0.16000	3.8748	0.27622	0.09733	45	2.19	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	7.4600	0.48000	3.8748	0.27622	0.09733	45	12.98	46%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	8.3750	0.11000	3.8748	0.27622	0.09733	45	16.29	58%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	4.8250	0.93000	3.8748	0.27622	0.09733	45	3.44	12%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	4.0000	0.00000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	4.4350	0.13000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	2.3250	0.01000	3.8037	0.46314	0.12101	19	-3.19	19%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	3.3800	0.10000	3.8037	0.46314	0.12101	19	-0.91	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	3.3850	0.01000	3.8037	0.46314	0.12101	19	-0.90	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	3.3900	0.00000	3.8037	0.46314	0.12101	19	-0.89	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	3.5095	0.09900	3.8037	0.46314	0.12101	19	-0.64	4%	0

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001.99	Loss on Drying, Miscellaneous (%)	0904	3.5750	0.25000	3.8037	0.46314	0.12101	19	-0.49	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	3.6000	0.00000	3.8037	0.46314	0.12101	19	-0.44	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	3.6100	0.14000	3.8037	0.46314	0.12101	19	-0.42	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	3.6550	0.17000	3.8037	0.46314	0.12101	19	-0.32	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0208	3.8000	0.16000	3.8037	0.46314	0.12101	19	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	3.8000	0.20000	3.8037	0.46314	0.12101	19	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0644	3.8100	0.00000	3.8037	0.46314	0.12101	19	0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	3.8300	0.12000	3.8037	0.46314	0.12101	19	0.06	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0955	3.8800	0.02000	3.8037	0.46314	0.12101	19	0.16	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	4.2850	0.33000	3.8037	0.46314	0.12101	19	1.04	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	4.2900	0.08000	3.8037	0.46314	0.12101	19	1.05	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	4.3682	0.21020	3.8037	0.46314	0.12101	19	1.22	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	4.4950	0.23000	3.8037	0.46314	0.12101	19	1.49	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	5.4750	0.17000	3.8037	0.46314	0.12101	19	3.61	22%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	4.3150	1.2100	3.8037	0.46314	0.12101	19	1.10	7%	1
002.00	Protein, Crude (%)	2109	22.175	0.09000	22.961	0.62449	0.29250	4	-1.14	1%	0
002.00	Protein, Crude (%)	0940	22.910	0.00000	22.961	0.62449	0.29250	4	0.41	0%	0
002.00	Protein, Crude (%)	0169	23.065	0.15000	22.961	0.62449	0.29250	4	0.73	1%	0
002.00	Protein, Crude (%)	0845	23.695	0.93000	22.961	0.62449	0.29250	4	2.06	2%	0
002.01	Protein, Auto Kjel-Foss (%)	2108	22.040	0.19300	22.586	0.40353	0.17423	13	-1.35	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0889	22.150	0.16000	22.586	0.40353	0.17423	13	-1.08	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0870	22.216	0.57600	22.586	0.40353	0.17423	13	-0.92	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0028	22.400	0.20000	22.586	0.40353	0.17423	13	-0.46	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0652	22.450	0.30000	22.586	0.40353	0.17423	13	-0.34	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0653	22.455	0.03000	22.586	0.40353	0.17423	13	-0.32	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0910	22.500	0.20000	22.586	0.40353	0.17423	13	-0.21	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0164	22.660	0.06000	22.586	0.40353	0.17423	13	0.18	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0043	22.735	0.13000	22.586	0.40353	0.17423	13	0.37	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0968	22.808	0.21600	22.586	0.40353	0.17423	13	0.55	0%	0
002.01	Protein, Auto Kjel-Foss (%)	0610	22.900	0.00000	22.586	0.40353	0.17423	13	0.78	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0685	23.110	0.00000	22.586	0.40353	0.17423	13	1.30	1%	0
002.01	Protein, Auto Kjel-Foss (%)	0152	23.200	0.20000	22.586	0.40353	0.17423	13	1.52	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	20.710	0.22000				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	22.747	0.00790				2			0
002.04	Protein, Copper Catalyst (%)	0874	21.755	0.47000	24.290	3.7443	0.21500	4	-0.68	5%	0
002.04	Protein, Copper Catalyst (%)	0187	22.510	0.00000	24.290	3.7443	0.21500	4	-0.48	4%	0
002.04	Protein, Copper Catalyst (%)	0728	23.045	0.09000	24.290	3.7443	0.21500	4	-0.33	3%	0
002.04	Protein, Copper Catalyst (%)	0405	29.850	0.30000	24.290	3.7443	0.21500	4	1.48	11%	0
002.05	Protein, Copper, Boric Acid (%)	0852	21.060	0.08000	22.840	0.35145	0.13037	35	-5.06	4%	0
002.05	Protein, Copper, Boric Acid (%)	0596	22.375	0.17000	22.840	0.35145	0.13037	35	-1.32	1%	0
002.05	Protein, Copper, Boric Acid (%)	0948	22.400	0.16000	22.840	0.35145	0.13037	35	-1.25	1%	0

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002.05	Protein, Copper, Boric Acid (%)	2009	22.404	0.04550	22.840	0.35145	0.13037	35	-1.24	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	22.420	0.34830	22.840	0.35145	0.13037	35	-1.19	1%	0
002.05	Protein, Copper, Boric Acid (%)	0881	22.446	0.01600	22.840	0.35145	0.13037	35	-1.12	1%	0
002.05	Protein, Copper, Boric Acid (%)	0622	22.544	0.06490	22.840	0.35145	0.13037	35	-0.84	1%	0
002.05	Protein, Copper, Boric Acid (%)	0619	22.550	0.10000	22.840	0.35145	0.13037	35	-0.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	22.605	0.11000	22.840	0.35145	0.13037	35	-0.67	1%	0
002.05	Protein, Copper, Boric Acid (%)	0683	22.610	0.08000	22.840	0.35145	0.13037	35	-0.65	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	22.650	0.10000	22.840	0.35145	0.13037	35	-0.54	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	22.665	0.01000	22.840	0.35145	0.13037	35	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	22.729	0.04300	22.840	0.35145	0.13037	35	-0.32	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	22.735	0.07000	22.840	0.35145	0.13037	35	-0.30	0%	0
002.05	Protein, Copper, Boric Acid (%)	0674	22.770	0.06000	22.840	0.35145	0.13037	35	-0.20	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	22.795	0.03000	22.840	0.35145	0.13037	35	-0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	22.800	0.20000	22.840	0.35145	0.13037	35	-0.11	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	22.805	0.01000	22.840	0.35145	0.13037	35	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	22.850	0.02000	22.840	0.35145	0.13037	35	0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	22.850	0.06000	22.840	0.35145	0.13037	35	0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	22.865	0.03000	22.840	0.35145	0.13037	35	0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2022	22.895	0.01000	22.840	0.35145	0.13037	35	0.16	0%	0
002.05	Protein, Copper, Boric Acid (%)	0885	23.034	0.02990	22.840	0.35145	0.13037	35	0.55	0%	0
002.05	Protein, Copper, Boric Acid (%)	0015	23.040	0.70000	22.840	0.35145	0.13037	35	0.57	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	23.053	0.00940	22.840	0.35145	0.13037	35	0.61	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	23.070	0.70000	22.840	0.35145	0.13037	35	0.66	1%	0
002.05	Protein, Copper, Boric Acid (%)	2145	23.075	0.05000	22.840	0.35145	0.13037	35	0.67	1%	0
002.05	Protein, Copper, Boric Acid (%)	2144	23.145	0.07000	22.840	0.35145	0.13037	35	0.87	1%	0
002.05	Protein, Copper, Boric Acid (%)	0623	23.183	0.08600	22.840	0.35145	0.13037	35	0.98	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	23.200	0.20000	22.840	0.35145	0.13037	35	1.03	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	23.205	0.01000	22.840	0.35145	0.13037	35	1.04	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	23.210	0.00000	22.840	0.35145	0.13037	35	1.05	1%	0
002.05	Protein, Copper, Boric Acid (%)	2146	23.365	0.25000	22.840	0.35145	0.13037	35	1.49	1%	0
002.05	Protein, Copper, Boric Acid (%)	2093	23.540	0.04000	22.840	0.35145	0.13037	35	1.99	2%	0
002.05	Protein, Copper, Boric Acid (%)	2161	23.700	0.60000	22.840	0.35145	0.13037	35	2.45	2%	0
002.05	Protein, Copper, Boric Acid (%)	2012	22.585	0.87000	22.840	0.35145	0.13037	35	-0.72	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	16.160	0.30000	23.203	0.30788	0.22490	120	-22.87	15%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	19.345	0.07000	23.203	0.30788	0.22490	120	-12.53	8%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	22.160	0.08000	23.203	0.30788	0.22490	120	-3.39	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	1019	22.344	0.00000	23.203	0.30788	0.22490	120	-2.79	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0656	22.515	0.31000	23.203	0.30788	0.22490	120	-2.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	22.600	0.32000	23.203	0.30788	0.22490	120	-1.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	22.688	0.50400	23.203	0.30788	0.22490	120	-1.67	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	22.705	0.01000	23.203	0.30788	0.22490	120	-1.62	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 (%)	0646	22.730	0.42000	23.203	0.30788	0.22490	120	-1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	22.800	0.20000	23.203	0.30788	0.22490	120	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	22.800	0.50000	23.203	0.30788	0.22490	120	-1.31	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	22.845	0.57000	23.203	0.30788	0.22490	120	-1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	22.850	0.30000	23.203	0.30788	0.22490	120	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	22.850	0.96000	23.203	0.30788	0.22490	120	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	22.850	0.10000	23.203	0.30788	0.22490	120	-1.15	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	22.855	0.23000	23.203	0.30788	0.22490	120	-1.13	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	22.860	0.20000	23.203	0.30788	0.22490	120	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	22.860	0.10000	23.203	0.30788	0.22490	120	-1.11	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0233	22.865	0.27000	23.203	0.30788	0.22490	120	-1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	22.900	0.00000	23.203	0.30788	0.22490	120	-0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	22.900	0.20000	23.203	0.30788	0.22490	120	-0.98	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	22.915	0.13000	23.203	0.30788	0.22490	120	-0.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	22.925	0.05000	23.203	0.30788	0.22490	120	-0.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0017	22.935	0.47000	23.203	0.30788	0.22490	120	-0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	22.937	0.17380	23.203	0.30788	0.22490	120	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	22.940	0.00000	23.203	0.30788	0.22490	120	-0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	22.943	0.11100	23.203	0.30788	0.22490	120	-0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	22.950	0.24000	23.203	0.30788	0.22490	120	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	22.950	0.10000	23.203	0.30788	0.22490	120	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	22.965	0.09000	23.203	0.30788	0.22490	120	-0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	23.005	0.31000	23.203	0.30788	0.22490	120	-0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	23.010	0.36000	23.203	0.30788	0.22490	120	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	23.015	0.09000	23.203	0.30788	0.22490	120	-0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	23.020	0.02000	23.203	0.30788	0.22490	120	-0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	23.025	0.25000	23.203	0.30788	0.22490	120	-0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	23.055	0.39000	23.203	0.30788	0.22490	120	-0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0039	23.065	0.20900	23.203	0.30788	0.22490	120	-0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	23.075	0.01000	23.203	0.30788	0.22490	120	-0.41	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	23.085	0.33000	23.203	0.30788	0.22490	120	-0.38	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	23.100	0.00000	23.203	0.30788	0.22490	120	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	23.100	0.00000	23.203	0.30788	0.22490	120	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	23.100	0.00000	23.203	0.30788	0.22490	120	-0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	23.105	0.17000	23.203	0.30788	0.22490	120	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	23.105	0.01000	23.203	0.30788	0.22490	120	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	23.105	0.65000	23.203	0.30788	0.22490	120	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	23.115	0.27000	23.203	0.30788	0.22490	120	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	23.125	0.09000	23.203	0.30788	0.22490	120	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	23.125	0.55000	23.203	0.30788	0.22490	120	-0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	23.127	0.12200	23.203	0.30788	0.22490	120	-0.25	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	23.130	0.60000	23.203	0.30788	0.22490	120	-0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	23.145	0.25000	23.203	0.30788	0.22490	120	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	23.160	0.52000	23.203	0.30788	0.22490	120	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	23.170	0.16000	23.203	0.30788	0.22490	120	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	23.175	0.35000	23.203	0.30788	0.22490	120	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	23.190	0.04000	23.203	0.30788	0.22490	120	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	23.195	0.27000	23.203	0.30788	0.22490	120	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	23.195	0.39000	23.203	0.30788	0.22490	120	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	23.195	0.29000	23.203	0.30788	0.22490	120	-0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	23.200	0.40000	23.203	0.30788	0.22490	120	-0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	23.205	0.39000	23.203	0.30788	0.22490	120	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	23.220	0.24000	23.203	0.30788	0.22490	120	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	23.222	0.13500	23.203	0.30788	0.22490	120	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	23.230	0.10000	23.203	0.30788	0.22490	120	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	23.239	0.00600	23.203	0.30788	0.22490	120	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	23.250	0.30000	23.203	0.30788	0.22490	120	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	23.250	0.06000	23.203	0.30788	0.22490	120	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	23.250	0.30000	23.203	0.30788	0.22490	120	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	23.250	0.10000	23.203	0.30788	0.22490	120	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	23.250	0.20000	23.203	0.30788	0.22490	120	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	23.253	0.17900	23.203	0.30788	0.22490	120	0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	23.255	0.55000	23.203	0.30788	0.22490	120	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	23.260	0.00000	23.203	0.30788	0.22490	120	0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	23.265	0.01000	23.203	0.30788	0.22490	120	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	23.275	0.01000	23.203	0.30788	0.22490	120	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	23.279	0.36800	23.203	0.30788	0.22490	120	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	23.280	0.16000	23.203	0.30788	0.22490	120	0.25	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	23.285	0.05000	23.203	0.30788	0.22490	120	0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	23.300	0.20000	23.203	0.30788	0.22490	120	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	23.300	0.38000	23.203	0.30788	0.22490	120	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	23.300	0.00000	23.203	0.30788	0.22490	120	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	23.302	0.12810	23.203	0.30788	0.22490	120	0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	23.313	0.03600	23.203	0.30788	0.22490	120	0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	23.335	0.03000	23.203	0.30788	0.22490	120	0.43	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	23.340	0.40000	23.203	0.30788	0.22490	120	0.45	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	23.350	0.10000	23.203	0.30788	0.22490	120	0.48	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	23.370	0.36000	23.203	0.30788	0.22490	120	0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	23.394	0.61500	23.203	0.30788	0.22490	120	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	23.400	0.26000	23.203	0.30788	0.22490	120	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	23.400	0.20000	23.203	0.30788	0.22490	120	0.64	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	23.421	0.02100	23.203	0.30788	0.22490	120	0.71	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 (%)	0119	23.422	0.42000	23.203	0.30788	0.22490	120	0.71	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	23.425	0.37000	23.203	0.30788	0.22490	120	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	23.425	0.15000	23.203	0.30788	0.22490	120	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	23.435	0.15000	23.203	0.30788	0.22490	120	0.75	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	23.440	0.54000	23.203	0.30788	0.22490	120	0.77	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	23.443	0.67100	23.203	0.30788	0.22490	120	0.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	23.445	0.08800	23.203	0.30788	0.22490	120	0.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	23.450	0.10000	23.203	0.30788	0.22490	120	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	23.450	0.10000	23.203	0.30788	0.22490	120	0.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	23.455	0.01000	23.203	0.30788	0.22490	120	0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	23.460	0.14000	23.203	0.30788	0.22490	120	0.84	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	23.495	0.68000	23.203	0.30788	0.22490	120	0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	23.518	0.17400	23.203	0.30788	0.22490	120	1.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	23.520	0.02000	23.203	0.30788	0.22490	120	1.03	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	23.555	0.01000	23.203	0.30788	0.22490	120	1.14	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	23.560	0.28000	23.203	0.30788	0.22490	120	1.16	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	23.600	0.20000	23.203	0.30788	0.22490	120	1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	23.625	0.12500	23.203	0.30788	0.22490	120	1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	23.663	0.46300	23.203	0.30788	0.22490	120	1.49	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	23.750	0.10000	23.203	0.30788	0.22490	120	1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0512	23.765	0.91000	23.203	0.30788	0.22490	120	1.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	23.816	0.02800	23.203	0.30788	0.22490	120	1.99	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	23.970	0.30000	23.203	0.30788	0.22490	120	2.49	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	24.000	0.20000	23.203	0.30788	0.22490	120	2.59	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	24.050	0.10000	23.203	0.30788	0.22490	120	2.75	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	24.099	0.09500	23.203	0.30788	0.22490	120	2.91	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	24.247	0.13200	23.203	0.30788	0.22490	120	3.39	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	24.255	0.11000	23.203	0.30788	0.22490	120	3.42	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0563	24.365	0.24400	23.203	0.30788	0.22490	120	3.78	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	24.440	0.08000	23.203	0.30788	0.22490	120	4.02	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	23.000	2.2000	23.203	0.30788	0.22490	120	-0.66	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	2161	24.100	1.4000	23.203	0.30788	0.22490	120	2.91	2%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	3.7600	0.06000	23.203	0.30788	0.22490	120	-63.15	42%	2
002.07	Protein, Block Digestion (%)	0581	22.220	0.26000				1			0
002.08	Protein, Cu/Ti (%)	0098	22.790	0.14000				3			0
002.08	Protein, Cu/Ti (%)	0563	23.086	0.14670				3			0
002.08	Protein, Cu/Ti (%)	0208	23.150	0.90000				3			0
002.10	Protein, Block dig/distillation (%)	0629	22.775	0.03000				1			0
002.11	Protein, NIR (%)	0297	21.925	0.13000				3			0
002.11	Protein, NIR (%)	2128	25.277	0.09500				3			0
002.11	Protein, NIR (%)	0852	25.500	0.12000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.99	Protein, Miscellaneous (%)	0643	22.445	0.33000				3			0
002.99	Protein, Miscellaneous (%)	0644	22.760	0.02000				3			0
002.99	Protein, Miscellaneous (%)	2004	23.350	0.10000				3			0
003.00	Fat, Eth Ext., Direct (%)	2109	3.7900	0.02000	8.4335	5.5409	0.25697	6	-0.84	28%	0
003.00	Fat, Eth Ext., Direct (%)	0345	5.0250	0.15000	8.4335	5.5409	0.25697	6	-0.62	20%	0
003.00	Fat, Eth Ext., Direct (%)	0885	5.1060	0.36200	8.4335	5.5409	0.25697	6	-0.60	20%	0
003.00	Fat, Eth Ext., Direct (%)	0615	9.1500	0.80000	8.4335	5.5409	0.25697	6	0.13	4%	0
003.00	Fat, Eth Ext., Direct (%)	0194	10.785	0.03000	8.4335	5.5409	0.25697	6	0.42	14%	0
003.00	Fat, Eth Ext., Direct (%)	0309	21.617	0.17980	8.4335	5.5409	0.25697	6	2.38	78%	0
003.06	Fat, Pet Ether (%)	0294	4.3950	0.07000	5.4171	0.97202	0.19315	11	-1.05	9%	0
003.06	Fat, Pet Ether (%)	0687	4.6650	0.29000	5.4171	0.97202	0.19315	11	-0.77	7%	0
003.06	Fat, Pet Ether (%)	0083	4.7950	0.23000	5.4171	0.97202	0.19315	11	-0.64	6%	0
003.06	Fat, Pet Ether (%)	0918	4.7950	0.07000	5.4171	0.97202	0.19315	11	-0.64	6%	0
003.06	Fat, Pet Ether (%)	0164	4.8200	0.42000	5.4171	0.97202	0.19315	11	-0.61	6%	0
003.06	Fat, Pet Ether (%)	0511	5.0500	0.08000	5.4171	0.97202	0.19315	11	-0.38	3%	0
003.06	Fat, Pet Ether (%)	0563	5.5629	0.22470	5.4171	0.97202	0.19315	11	0.15	1%	0
003.06	Fat, Pet Ether (%)	0849	5.6750	0.01000	5.4171	0.97202	0.19315	11	0.27	2%	0
003.06	Fat, Pet Ether (%)	0852	6.4100	0.38000	5.4171	0.97202	0.19315	11	1.02	9%	0
003.06	Fat, Pet Ether (%)	0148	6.5450	0.23000	5.4171	0.97202	0.19315	11	1.16	10%	0
003.06	Fat, Pet Ether (%)	0297	21.860	0.12000	5.4171	0.97202	0.19315	11	16.92	152%	0
003.06	Fat, Pet Ether (%)	0910	6.2050	1.5900	5.4171	0.97202	0.19315	11	0.81	7%	1
003.09	Fat, Soxtec, Eth Ext (%)	2012	3.9450	0.09000	5.3984	1.3304	0.05429	7	-1.09	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	4.4850	0.03000	5.3984	1.3304	0.05429	7	-0.69	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	4.7700	0.04000	5.3984	1.3304	0.05429	7	-0.47	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	5.2000	0.08000	5.3984	1.3304	0.05429	7	-0.15	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0656	5.7000	0.00000	5.3984	1.3304	0.05429	7	0.23	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	6.2950	0.09000	5.3984	1.3304	0.05429	7	0.67	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	23.475	0.05000	5.3984	1.3304	0.05429	7	13.59	167%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	6.6550	0.37000	5.3984	1.3304	0.05429	7	0.94	12%	1
003.10	Fat, Soxtec, Pet Ether (%)	0952	0.81500	0.01000	4.6512	2.1019	0.26143	17	-1.83	41%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	3.3450	0.05000	4.6512	2.1019	0.26143	17	-0.62	14%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	3.4450	0.09000	4.6512	2.1019	0.26143	17	-0.57	13%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	3.5000	0.40000	4.6512	2.1019	0.26143	17	-0.55	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	3.5750	0.05000	4.6512	2.1019	0.26143	17	-0.51	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	2068	3.5950	0.01000	4.6512	2.1019	0.26143	17	-0.50	11%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	3.7350	0.15000	4.6512	2.1019	0.26143	17	-0.44	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0233	3.9650	0.07000	4.6512	2.1019	0.26143	17	-0.33	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	4.0859	0.34430	4.6512	2.1019	0.26143	17	-0.27	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	4.1200	0.60000	4.6512	2.1019	0.26143	17	-0.25	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	4.3150	0.13000	4.6512	2.1019	0.26143	17	-0.16	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	4.4050	0.55000	4.6512	2.1019	0.26143	17	-0.12	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	
003.10	Fat, Soxtec, Pet Ether (%)	0619	4.9150	0.03000	4.6512	2.1019	0.26143	17	0.13	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	7.1595	0.28280	4.6512	2.1019	0.26143	17	1.19	27%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	20.609	0.51720	4.6512	2.1019	0.26143	17	7.59	172%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	24.200	0.20000	4.6512	2.1019	0.26143	17	9.30	210%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	25.597	0.96000	4.6512	2.1019	0.26143	17	9.97	225%	0
003.11	Fat, NIR (%)	0889	3.7800	0.12000				3			0
003.11	Fat, NIR (%)	0297	21.860	0.12000				3			0
003.11	Fat, NIR (%)	0852	26.475	0.07000				3			0
003.12	Fat, Hexane Ext (%)	0893	5.2200	0.00000	14.172	8.5967	0.02425	4	-0.75	28%	0
003.12	Fat, Hexane Ext (%)	0895	8.5150	0.01000	14.172	8.5967	0.02425	4	-0.39	15%	0
003.12	Fat, Hexane Ext (%)	0940	20.280	0.08000	14.172	8.5967	0.02425	4	0.88	34%	0
003.12	Fat, Hexane Ext (%)	2062	22.673	0.00700	14.172	8.5967	0.02425	4	1.14	43%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	4.5550	0.39000				3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	6.1850	0.17000				3			0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	8.3905	0.14500				3			0
003.14	Fat, Ankom (%)	0202	7.0150	0.65000	11.969	4.2952	0.29847	32	-1.15	21%	0
003.14	Fat, Ankom (%)	0948	7.1150	0.03000	11.969	4.2952	0.29847	32	-1.13	20%	0
003.14	Fat, Ankom (%)	0019	8.1150	0.45000	11.969	4.2952	0.29847	32	-0.90	16%	0
003.14	Fat, Ankom (%)	0692	8.1500	0.50000	11.969	4.2952	0.29847	32	-0.89	16%	0
003.14	Fat, Ankom (%)	0683	8.5400	0.18000	11.969	4.2952	0.29847	32	-0.80	14%	0
003.14	Fat, Ankom (%)	0108	8.6600	0.28000	11.969	4.2952	0.29847	32	-0.77	14%	0
003.14	Fat, Ankom (%)	0278	8.7000	0.00000	11.969	4.2952	0.29847	32	-0.76	14%	0
003.14	Fat, Ankom (%)	0956	8.8500	0.90000	11.969	4.2952	0.29847	32	-0.73	13%	0
003.14	Fat, Ankom (%)	0144	9.1650	0.07000	11.969	4.2952	0.29847	32	-0.65	12%	0
003.14	Fat, Ankom (%)	0358	9.3450	0.05000	11.969	4.2952	0.29847	32	-0.61	11%	0
003.14	Fat, Ankom (%)	2075	9.9300	0.12000	11.969	4.2952	0.29847	32	-0.47	9%	0
003.14	Fat, Ankom (%)	0037	10.280	0.40000	11.969	4.2952	0.29847	32	-0.39	7%	0
003.14	Fat, Ankom (%)	0574	10.355	0.19000	11.969	4.2952	0.29847	32	-0.38	7%	0
003.14	Fat, Ankom (%)	0089	10.370	0.00000	11.969	4.2952	0.29847	32	-0.37	7%	0
003.14	Fat, Ankom (%)	0066	10.545	0.29000	11.969	4.2952	0.29847	32	-0.33	6%	0
003.14	Fat, Ankom (%)	0529	10.795	0.75000	11.969	4.2952	0.29847	32	-0.27	5%	0
003.14	Fat, Ankom (%)	0581	10.905	0.15000	11.969	4.2952	0.29847	32	-0.25	4%	0
003.14	Fat, Ankom (%)	0049	10.965	0.49000	11.969	4.2952	0.29847	32	-0.23	4%	0
003.14	Fat, Ankom (%)	2129	11.055	0.11000	11.969	4.2952	0.29847	32	-0.21	4%	0
003.14	Fat, Ankom (%)	0265	11.225	0.45000	11.969	4.2952	0.29847	32	-0.17	3%	0
003.14	Fat, Ankom (%)	0520	12.200	0.28000	11.969	4.2952	0.29847	32	0.05	1%	0
003.14	Fat, Ankom (%)	0598	12.310	0.68000	11.969	4.2952	0.29847	32	0.08	1%	0
003.14	Fat, Ankom (%)	0357	12.600	0.00000	11.969	4.2952	0.29847	32	0.15	3%	0
003.14	Fat, Ankom (%)	0968	12.748	0.29100	11.969	4.2952	0.29847	32	0.18	3%	0
003.14	Fat, Ankom (%)	0726	15.205	0.39000	11.969	4.2952	0.29847	32	0.75	14%	0
003.14	Fat, Ankom (%)	0955	17.400	0.00000	11.969	4.2952	0.29847	32	1.26	23%	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 (%)	0843	18.570	0.34000	11.969	4.2952	0.29847	32	1.54	28%	0
003.14	Fat, Ankom (%)	0413	19.150	0.30000	11.969	4.2952	0.29847	32	1.67	30%	0
003.14	Fat, Ankom (%)	0876	19.370	0.28000	11.969	4.2952	0.29847	32	1.72	31%	0
003.14	Fat, Ankom (%)	0848	20.575	0.19000	11.969	4.2952	0.29847	32	2.00	36%	0
003.14	Fat, Ankom (%)	0619	21.100	0.60000	11.969	4.2952	0.29847	32	2.13	38%	0
003.14	Fat, Ankom (%)	0190	23.470	0.14000	11.969	4.2952	0.29847	32	2.68	48%	0
003.99	Fat, Miscellaneous (%)	0644	3.9800	0.30000	16.777	9.4651	0.74857	7	-1.35	38%	0
003.99	Fat, Miscellaneous (%)	0880	5.4500	1.9000	16.777	9.4651	0.74857	7	-1.20	34%	0
003.99	Fat, Miscellaneous (%)	1019	19.360	0.18000	16.777	9.4651	0.74857	7	0.27	8%	0
003.99	Fat, Miscellaneous (%)	2161	20.800	0.40000	16.777	9.4651	0.74857	7	0.43	12%	0
003.99	Fat, Miscellaneous (%)	0098	21.900	1.9800	16.777	9.4651	0.74857	7	0.54	15%	0
003.99	Fat, Miscellaneous (%)	0630	22.950	0.08000	16.777	9.4651	0.74857	7	0.65	18%	0
003.99	Fat, Miscellaneous (%)	0941	23.000	0.40000	16.777	9.4651	0.74857	7	0.66	19%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	0.70000	0.00000	0.87154	0.18720	0.09814	14	-0.92	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	0.70000	0.06000	0.87154	0.18720	0.09814	14	-0.92	10%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	0.75000	0.10000	0.87154	0.18720	0.09814	14	-0.65	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0596	0.75000	0.10000	0.87154	0.18720	0.09814	14	-0.65	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	0.77185	0.00590	0.87154	0.18720	0.09814	14	-0.53	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	0.78350	0.03900	0.87154	0.18720	0.09814	14	-0.47	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	0.78650	0.07900	0.87154	0.18720	0.09814	14	-0.45	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0194	0.81500	0.03000	0.87154	0.18720	0.09814	14	-0.30	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	0.84500	0.01000	0.87154	0.18720	0.09814	14	-0.14	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	0.90500	0.03000	0.87154	0.18720	0.09814	14	0.18	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	0.95000	0.10000	0.87154	0.18720	0.09814	14	0.42	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	1.1400	0.12000	0.87154	0.18720	0.09814	14	1.43	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	1.3500	0.50000	0.87154	0.18720	0.09814	14	2.56	27%	0
004.00	Fiber, Crude, Asbestos Free (%)	2161	1.6000	0.20000	0.87154	0.18720	0.09814	14	3.89	42%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	4.8750	0.81000	0.87154	0.18720	0.09814	14	21.39	230%	1
004.01	Fiber, Sing Filt (%)	0366	0.75000	0.50000				1			0
004.03	Fiber, Fritted Glass (%)	0626	0.63000	0.00000	0.82750	0.17081	0.16500	4	-1.16	12%	0
004.03	Fiber, Fritted Glass (%)	0353	0.79500	0.05000	0.82750	0.17081	0.16500	4	-0.19	2%	0
004.03	Fiber, Fritted Glass (%)	0921	0.84000	0.28000	0.82750	0.17081	0.16500	4	0.07	1%	0
004.03	Fiber, Fritted Glass (%)	2089	1.0450	0.33000	0.82750	0.17081	0.16500	4	1.27	13%	0
004.06	Fiber, Fibertec (%)	0895	0.02500	0.01000	0.84487	0.22014	0.06406	20	-3.72	49%	0
004.06	Fiber, Fibertec (%)	0941	0.58500	0.15000	0.84487	0.22014	0.06406	20	-1.18	15%	0
004.06	Fiber, Fibertec (%)	0897	0.67000	0.02000	0.84487	0.22014	0.06406	20	-0.79	10%	0
004.06	Fiber, Fibertec (%)	0875	0.67500	0.03000	0.84487	0.22014	0.06406	20	-0.77	10%	0
004.06	Fiber, Fibertec (%)	0918	0.68000	0.02000	0.84487	0.22014	0.06406	20	-0.75	10%	0
004.06	Fiber, Fibertec (%)	0675	0.70500	0.03000	0.84487	0.22014	0.06406	20	-0.64	8%	0
004.06	Fiber, Fibertec (%)	0881	0.75300	0.07200	0.84487	0.22014	0.06406	20	-0.42	5%	0
004.06	Fiber, Fibertec (%)	0656	0.77500	0.01000	0.84487	0.22014	0.06406	20	-0.32	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0885	0.79080	0.02720	0.84487	0.22014	0.06406	20	-0.25	3%	0
004.06	Fiber, Fibertec (%)	0689	0.80000	0.00000	0.84487	0.22014	0.06406	20	-0.20	3%	0
004.06	Fiber, Fibertec (%)	2022	0.80000	0.02000	0.84487	0.22014	0.06406	20	-0.20	3%	0
004.06	Fiber, Fibertec (%)	0893	0.81400	0.00000	0.84487	0.22014	0.06406	20	-0.14	2%	0
004.06	Fiber, Fibertec (%)	0948	0.85000	0.22000	0.84487	0.22014	0.06406	20	0.02	0%	0
004.06	Fiber, Fibertec (%)	0205	0.88100	0.00800	0.84487	0.22014	0.06406	20	0.16	2%	0
004.06	Fiber, Fibertec (%)	0674	1.0400	0.02000	0.84487	0.22014	0.06406	20	0.89	12%	0
004.06	Fiber, Fibertec (%)	0845	1.0550	0.27000	0.84487	0.22014	0.06406	20	0.95	12%	0
004.06	Fiber, Fibertec (%)	0512	1.0659	0.20030	0.84487	0.22014	0.06406	20	1.00	13%	0
004.06	Fiber, Fibertec (%)	0968	1.0930	0.04000	0.84487	0.22014	0.06406	20	1.13	15%	0
004.06	Fiber, Fibertec (%)	0609	4.1500	0.06000	0.84487	0.22014	0.06406	20	15.01	196%	0
004.06	Fiber, Fibertec (%)	2062	4.4937	0.07360	0.84487	0.22014	0.06406	20	16.58	216%	0
004.06	Fiber, Fibertec (%)	0952	23.204	0.00200	0.84487	0.22014	0.06406	20	101.57	1323%	2
004.07	Fiber, ANKOM (%)	0144	0.37000	0.02000	1.0181	0.36964	0.10637	43	-1.75	32%	0
004.07	Fiber, ANKOM (%)	0265	0.37000	0.12000	1.0181	0.36964	0.10637	43	-1.75	32%	0
004.07	Fiber, ANKOM (%)	2146	0.54000	0.04000	1.0181	0.36964	0.10637	43	-1.29	23%	0
004.07	Fiber, ANKOM (%)	0066	0.63000	0.06000	1.0181	0.36964	0.10637	43	-1.05	19%	0
004.07	Fiber, ANKOM (%)	0278	0.65000	0.10000	1.0181	0.36964	0.10637	43	-1.00	18%	0
004.07	Fiber, ANKOM (%)	0083	0.69000	0.08000	1.0181	0.36964	0.10637	43	-0.89	16%	0
004.07	Fiber, ANKOM (%)	0202	0.70500	0.17000	1.0181	0.36964	0.10637	43	-0.85	15%	0
004.07	Fiber, ANKOM (%)	2053	0.74000	0.00000	1.0181	0.36964	0.10637	43	-0.75	14%	0
004.07	Fiber, ANKOM (%)	0026	0.75000	0.10000	1.0181	0.36964	0.10637	43	-0.73	13%	0
004.07	Fiber, ANKOM (%)	0510	0.75000	0.10000	1.0181	0.36964	0.10637	43	-0.73	13%	0
004.07	Fiber, ANKOM (%)	0003	0.82000	0.10000	1.0181	0.36964	0.10637	43	-0.54	10%	0
004.07	Fiber, ANKOM (%)	0529	0.82500	0.07000	1.0181	0.36964	0.10637	43	-0.52	9%	0
004.07	Fiber, ANKOM (%)	0563	0.83085	0.01330	1.0181	0.36964	0.10637	43	-0.51	9%	0
004.07	Fiber, ANKOM (%)	0619	0.83150	0.13100	1.0181	0.36964	0.10637	43	-0.50	9%	0
004.07	Fiber, ANKOM (%)	0096	0.84500	0.03000	1.0181	0.36964	0.10637	43	-0.47	9%	0
004.07	Fiber, ANKOM (%)	0726	0.85000	0.10000	1.0181	0.36964	0.10637	43	-0.45	8%	0
004.07	Fiber, ANKOM (%)	0038	0.85500	0.29000	1.0181	0.36964	0.10637	43	-0.44	8%	0
004.07	Fiber, ANKOM (%)	2012	0.86000	0.08000	1.0181	0.36964	0.10637	43	-0.43	8%	0
004.07	Fiber, ANKOM (%)	0948	0.88000	0.02000	1.0181	0.36964	0.10637	43	-0.37	7%	0
004.07	Fiber, ANKOM (%)	0100	0.89500	0.09000	1.0181	0.36964	0.10637	43	-0.33	6%	0
004.07	Fiber, ANKOM (%)	0294	0.90000	0.00000	1.0181	0.36964	0.10637	43	-0.32	6%	0
004.07	Fiber, ANKOM (%)	0015	0.91000	0.06000	1.0181	0.36964	0.10637	43	-0.29	5%	0
004.07	Fiber, ANKOM (%)	0074	0.93000	0.04000	1.0181	0.36964	0.10637	43	-0.24	4%	0
004.07	Fiber, ANKOM (%)	0190	0.95000	0.10000	1.0181	0.36964	0.10637	43	-0.18	3%	0
004.07	Fiber, ANKOM (%)	0505	0.97500	0.05000	1.0181	0.36964	0.10637	43	-0.12	2%	0
004.07	Fiber, ANKOM (%)	2108	0.99500	0.03000	1.0181	0.36964	0.10637	43	-0.06	1%	0
004.07	Fiber, ANKOM (%)	0042	1.0650	0.09000	1.0181	0.36964	0.10637	43	0.13	2%	0
004.07	Fiber, ANKOM (%)	0413	1.1000	0.00000	1.0181	0.36964	0.10637	43	0.22	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	2109	1.1200	0.02000	1.0181	0.36964	0.10637	43	0.28	5%	0
004.07	Fiber, ANKOM (%)	2075	1.2000	0.40000	1.0181	0.36964	0.10637	43	0.49	9%	0
004.07	Fiber, ANKOM (%)	0910	1.2500	0.10000	1.0181	0.36964	0.10637	43	0.63	11%	0
004.07	Fiber, ANKOM (%)	0598	1.3000	0.24000	1.0181	0.36964	0.10637	43	0.76	14%	0
004.07	Fiber, ANKOM (%)	0849	1.3060	0.00800	1.0181	0.36964	0.10637	43	0.78	14%	0
004.07	Fiber, ANKOM (%)	0520	1.3500	0.46000	1.0181	0.36964	0.10637	43	0.90	16%	0
004.07	Fiber, ANKOM (%)	0354	1.3750	0.03000	1.0181	0.36964	0.10637	43	0.97	18%	0
004.07	Fiber, ANKOM (%)	0089	1.3800	0.02000	1.0181	0.36964	0.10637	43	0.98	18%	0
004.07	Fiber, ANKOM (%)	0870	1.4460	0.05150	1.0181	0.36964	0.10637	43	1.16	21%	0
004.07	Fiber, ANKOM (%)	0016	1.5400	0.24000	1.0181	0.36964	0.10637	43	1.41	26%	0
004.07	Fiber, ANKOM (%)	0968	1.5450	0.17000	1.0181	0.36964	0.10637	43	1.43	26%	0
004.07	Fiber, ANKOM (%)	0229	1.5500	0.20000	1.0181	0.36964	0.10637	43	1.44	26%	0
004.07	Fiber, ANKOM (%)	0581	1.7500	0.30000	1.0181	0.36964	0.10637	43	1.98	36%	0
004.07	Fiber, ANKOM (%)	0683	1.8950	0.05000	1.0181	0.36964	0.10637	43	2.37	43%	0
004.07	Fiber, ANKOM (%)	0692	2.0000	0.20000	1.0181	0.36964	0.10637	43	2.66	48%	0
004.07	Fiber, ANKOM (%)	0876	2.4100	0.80000	1.0181	0.36964	0.10637	43	3.77	68%	1
004.07	Fiber, ANKOM (%)	0297	10.455	0.45000	1.0181	0.36964	0.10637	43	25.53	463%	2
004.99	Fiber, Miscellaneous (%)	0644	13.620	0.32000				2			0
004.99	Fiber, Miscellaneous (%)	0940	34.855	68.290				2			0
005.00	Ash, 2h @ 600°C (%)	0874	9.5750	0.37000	10.091	0.14874	0.07590	94	-3.47	3%	0
005.00	Ash, 2h @ 600°C (%)	1019	9.6650	0.13000	10.091	0.14874	0.07590	94	-2.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.7550	0.05000	10.091	0.14874	0.07590	94	-2.26	2%	0
005.00	Ash, 2h @ 600°C (%)	2108	9.7550	0.01000	10.091	0.14874	0.07590	94	-2.26	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.7850	0.05000	10.091	0.14874	0.07590	94	-2.06	2%	0
005.00	Ash, 2h @ 600°C (%)	0027	9.8340	0.04800	10.091	0.14874	0.07590	94	-1.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0160	9.8550	0.07000	10.091	0.14874	0.07590	94	-1.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	9.8550	0.37000	10.091	0.14874	0.07590	94	-1.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	9.8800	0.02000	10.091	0.14874	0.07590	94	-1.42	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.8900	0.18000	10.091	0.14874	0.07590	94	-1.35	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.9000	0.00000	10.091	0.14874	0.07590	94	-1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.9050	0.03000	10.091	0.14874	0.07590	94	-1.25	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	9.9075	0.06300	10.091	0.14874	0.07590	94	-1.23	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.9200	0.00000	10.091	0.14874	0.07590	94	-1.15	1%	0
005.00	Ash, 2h @ 600°C (%)	0089	9.9400	0.00000	10.091	0.14874	0.07590	94	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0881	9.9405	0.04700	10.091	0.14874	0.07590	94	-1.01	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	9.9450	0.01000	10.091	0.14874	0.07590	94	-0.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	9.9500	0.10000	10.091	0.14874	0.07590	94	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.9600	0.12000	10.091	0.14874	0.07590	94	-0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.9650	0.03000	10.091	0.14874	0.07590	94	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.9900	0.04000	10.091	0.14874	0.07590	94	-0.68	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	9.9950	0.13000	10.091	0.14874	0.07590	94	-0.64	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0175	10.000	0.00000	10.091	0.14874	0.07590	94	-0.61	0%	0
005.00	Ash, 2h @ 600°C (%)	0015	10.005	0.05000	10.091	0.14874	0.07590	94	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	10.010	0.08000	10.091	0.14874	0.07590	94	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	10.020	0.00000	10.091	0.14874	0.07590	94	-0.48	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	10.035	0.03000	10.091	0.14874	0.07590	94	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2012	10.035	0.05000	10.091	0.14874	0.07590	94	-0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	10.040	0.04000	10.091	0.14874	0.07590	94	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	2097	10.044	0.05620	10.091	0.14874	0.07590	94	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.045	0.29000	10.091	0.14874	0.07590	94	-0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	10.049	0.03500	10.091	0.14874	0.07590	94	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	10.050	0.30000	10.091	0.14874	0.07590	94	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	10.050	0.10000	10.091	0.14874	0.07590	94	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	10.059	0.07960	10.091	0.14874	0.07590	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	10.060	0.10000	10.091	0.14874	0.07590	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	10.060	0.12000	10.091	0.14874	0.07590	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	10.060	0.00000	10.091	0.14874	0.07590	94	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	10.065	0.05000	10.091	0.14874	0.07590	94	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	2022	10.065	0.07000	10.091	0.14874	0.07590	94	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	10.065	0.03000	10.091	0.14874	0.07590	94	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	10.065	0.17000	10.091	0.14874	0.07590	94	-0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0194	10.070	0.02000	10.091	0.14874	0.07590	94	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	10.070	0.02000	10.091	0.14874	0.07590	94	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	10.075	0.05000	10.091	0.14874	0.07590	94	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0596	10.075	0.05000	10.091	0.14874	0.07590	94	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	10.080	0.02000	10.091	0.14874	0.07590	94	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0609	10.090	0.04000	10.091	0.14874	0.07590	94	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0861	10.095	0.05000	10.091	0.14874	0.07590	94	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	10.095	0.25000	10.091	0.14874	0.07590	94	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	10.100	0.20000	10.091	0.14874	0.07590	94	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	10.100	0.00000	10.091	0.14874	0.07590	94	0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	10.105	0.15000	10.091	0.14874	0.07590	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	10.105	0.07000	10.091	0.14874	0.07590	94	0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0618	10.113	0.02140	10.091	0.14874	0.07590	94	0.15	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	10.115	0.01000	10.091	0.14874	0.07590	94	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	10.120	0.02000	10.091	0.14874	0.07590	94	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	10.125	0.17000	10.091	0.14874	0.07590	94	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	10.130	0.04000	10.091	0.14874	0.07590	94	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	10.130	0.02000	10.091	0.14874	0.07590	94	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	10.145	0.17000	10.091	0.14874	0.07590	94	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	10.150	0.08000	10.091	0.14874	0.07590	94	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	10.155	0.03000	10.091	0.14874	0.07590	94	0.43	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0589	10.160	0.12000	10.091	0.14874	0.07590	94	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.160	0.00000	10.091	0.14874	0.07590	94	0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0656	10.165	0.13000	10.091	0.14874	0.07590	94	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	10.165	0.11000	10.091	0.14874	0.07590	94	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	2053	10.165	0.01000	10.091	0.14874	0.07590	94	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	10.170	0.06000	10.091	0.14874	0.07590	94	0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0581	10.175	0.11000	10.091	0.14874	0.07590	94	0.57	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	10.190	0.04000	10.091	0.14874	0.07590	94	0.67	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	10.194	0.02360	10.091	0.14874	0.07590	94	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	10.200	0.00000	10.091	0.14874	0.07590	94	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0152	10.200	0.20000	10.091	0.14874	0.07590	94	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	10.200	0.00000	10.091	0.14874	0.07590	94	0.73	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	10.202	0.05510	10.091	0.14874	0.07590	94	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	10.210	0.06000	10.091	0.14874	0.07590	94	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	10.215	0.07000	10.091	0.14874	0.07590	94	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	10.220	0.04000	10.091	0.14874	0.07590	94	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	10.225	0.02590	10.091	0.14874	0.07590	94	0.90	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	10.235	0.03000	10.091	0.14874	0.07590	94	0.97	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	10.270	0.02000	10.091	0.14874	0.07590	94	1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	10.275	0.01000	10.091	0.14874	0.07590	94	1.24	1%	0
005.00	Ash, 2h @ 600°C (%)	0512	10.280	0.20000	10.091	0.14874	0.07590	94	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	10.285	0.01000	10.091	0.14874	0.07590	94	1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0045	10.300	0.20000	10.091	0.14874	0.07590	94	1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	10.340	0.02000	10.091	0.14874	0.07590	94	1.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	10.349	0.01000	10.091	0.14874	0.07590	94	1.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.370	0.20000	10.091	0.14874	0.07590	94	1.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	10.385	0.01000	10.091	0.14874	0.07590	94	1.98	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	10.400	0.20000	10.091	0.14874	0.07590	94	2.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	10.400	0.00000	10.091	0.14874	0.07590	94	2.08	2%	0
005.00	Ash, 2h @ 600°C (%)	2089	10.420	0.08000	10.091	0.14874	0.07590	94	2.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0353	10.955	0.09000	10.091	0.14874	0.07590	94	5.81	4%	0
005.00	Ash, 2h @ 600°C (%)	0529	9.6100	0.86000	10.091	0.14874	0.07590	94	-3.23	2%	1
005.00	Ash, 2h @ 600°C (%)	0139	8.0950	0.09000	10.091	0.14874	0.07590	94	-13.42	10%	2
005.02	Ash, LECO (%)	2075	10.200	0.04000				2			0
005.02	Ash, LECO (%)	2161	10.230	0.06000				2			0
005.04	Ash, Acid insoluble (%)	0683	0.24000	0.00000				1			0
005.05	Ash, 3h @ 550°C (%)	0845	10.070	0.02000	10.268	0.13928	0.04438	34	-1.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0904	10.080	0.00000	10.268	0.13928	0.04438	34	-1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	10.085	0.01000	10.268	0.13928	0.04438	34	-1.32	1%	0
005.05	Ash, 3h @ 550°C (%)	0849	10.103	0.00600	10.268	0.13928	0.04438	34	-1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	10.105	0.01000	10.268	0.13928	0.04438	34	-1.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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005.05	Ash, 3h @ 550°C (%)	0038	10.120	0.10000	10.268	0.13928	0.04438	34	-1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	10.150	0.10000	10.268	0.13928	0.04438	34	-0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	0692	10.150	0.10000	10.268	0.13928	0.04438	34	-0.85	1%	0
005.05	Ash, 3h @ 550°C (%)	2093	10.179	0.00520	10.268	0.13928	0.04438	34	-0.64	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	10.186	0.01700	10.268	0.13928	0.04438	34	-0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	10.190	0.00000	10.268	0.13928	0.04438	34	-0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	10.200	0.00000	10.268	0.13928	0.04438	34	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	10.210	0.02000	10.268	0.13928	0.04438	34	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	10.225	0.00190	10.268	0.13928	0.04438	34	-0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	10.250	0.10000	10.268	0.13928	0.04438	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	10.250	0.10000	10.268	0.13928	0.04438	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	10.250	0.10000	10.268	0.13928	0.04438	34	-0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	10.275	0.01000	10.268	0.13928	0.04438	34	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	10.295	0.06490	10.268	0.13928	0.04438	34	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0955	10.300	0.00000	10.268	0.13928	0.04438	34	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	10.300	0.06000	10.268	0.13928	0.04438	34	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	0895	10.305	0.01000	10.268	0.13928	0.04438	34	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	10.330	0.10000	10.268	0.13928	0.04438	34	0.44	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	10.335	0.03000	10.268	0.13928	0.04438	34	0.48	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	10.360	0.00000	10.268	0.13928	0.04438	34	0.66	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	10.375	0.05000	10.268	0.13928	0.04438	34	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	10.375	0.11000	10.268	0.13928	0.04438	34	0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	10.400	0.02000	10.268	0.13928	0.04438	34	0.94	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	10.405	0.01000	10.268	0.13928	0.04438	34	0.98	1%	0
005.05	Ash, 3h @ 550°C (%)	0897	10.425	0.05000	10.268	0.13928	0.04438	34	1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	10.440	0.08000	10.268	0.13928	0.04438	34	1.23	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	10.460	0.18000	10.268	0.13928	0.04438	34	1.38	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	10.467	0.02400	10.268	0.13928	0.04438	34	1.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	10.510	0.02000	10.268	0.13928	0.04438	34	1.73	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	10.445	0.47000	10.268	0.13928	0.04438	34	1.27	1%	1
005.11	Ash, NIR (%)	2128	6.4663	0.00640				2			0
005.11	Ash, NIR (%)	0297	12.870	0.24000				2			0
005.99	Ash, Miscellaneous (%)	0574	10.085	0.07000	10.299	0.18594	0.05667	9	-1.15	1%	0
005.99	Ash, Miscellaneous (%)	0728	10.125	0.01000	10.299	0.18594	0.05667	9	-0.94	1%	0
005.99	Ash, Miscellaneous (%)	2004	10.150	0.10000	10.299	0.18594	0.05667	9	-0.80	1%	0
005.99	Ash, Miscellaneous (%)	0652	10.250	0.10000	10.299	0.18594	0.05667	9	-0.26	0%	0
005.99	Ash, Miscellaneous (%)	0910	10.300	0.00000	10.299	0.18594	0.05667	9	0.00	0%	0
005.99	Ash, Miscellaneous (%)	0629	10.345	0.01000	10.299	0.18594	0.05667	9	0.25	0%	0
005.99	Ash, Miscellaneous (%)	0875	10.425	0.05000	10.299	0.18594	0.05667	9	0.68	1%	0
005.99	Ash, Miscellaneous (%)	0202	10.435	0.15000	10.299	0.18594	0.05667	9	0.73	1%	0
005.99	Ash, Miscellaneous (%)	0644	10.580	0.02000	10.299	0.18594	0.05667	9	1.51	1%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
006.00	Total sugars, As sucrose (%)	0910	19.205	1.7100				2			0
006.00	Total sugars, As sucrose (%)	0921	32.760	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0689	22.250	0.30000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	26.745	0.45000				2			0
006.99	Total sugars, Miscellaneous (%)	0956	23.700	1.4000				2			0
006.99	Total sugars, Miscellaneous (%)	0096	29.501	0.45400				2			0
008.02	Fiber, Acid Detergent (%)	0309	0.74860	0.15820	1.3091	0.60306	0.15682	10	-0.93	21%	0
008.02	Fiber, Acid Detergent (%)	0353	0.78000	0.36000	1.3091	0.60306	0.15682	10	-0.88	20%	0
008.02	Fiber, Acid Detergent (%)	0948	0.88000	0.14000	1.3091	0.60306	0.15682	10	-0.71	16%	0
008.02	Fiber, Acid Detergent (%)	0675	0.95000	0.06000	1.3091	0.60306	0.15682	10	-0.60	14%	0
008.02	Fiber, Acid Detergent (%)	0939	1.3150	0.05000	1.3091	0.60306	0.15682	10	0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0728	1.3200	0.22000	1.3091	0.60306	0.15682	10	0.02	0%	0
008.02	Fiber, Acid Detergent (%)	0038	1.3300	0.24000	1.3091	0.60306	0.15682	10	0.03	1%	0
008.02	Fiber, Acid Detergent (%)	0148	1.3400	0.02000	1.3091	0.60306	0.15682	10	0.05	1%	0
008.02	Fiber, Acid Detergent (%)	0405	2.4800	0.12000	1.3091	0.60306	0.15682	10	1.94	45%	0
008.02	Fiber, Acid Detergent (%)	0609	6.3600	0.20000	1.3091	0.60306	0.15682	10	8.38	193%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	2.6500	0.50000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	0.13550	0.00300	1.0564	0.37732	0.14133	24	-2.44	44%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	0.29000	0.02000	1.0564	0.37732	0.14133	24	-2.03	36%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0910	0.48000	0.14000	1.0564	0.37732	0.14133	24	-1.53	27%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	0.65040	0.23360	1.0564	0.37732	0.14133	24	-1.08	19%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	0.73000	0.08000	1.0564	0.37732	0.14133	24	-0.87	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	0.73500	0.09000	1.0564	0.37732	0.14133	24	-0.85	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	0.80000	0.00000	1.0564	0.37732	0.14133	24	-0.68	12%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	0.85000	0.10000	1.0564	0.37732	0.14133	24	-0.55	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	1.0150	0.41000	1.0564	0.37732	0.14133	24	-0.11	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	1.0600	0.08000	1.0564	0.37732	0.14133	24	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0294	1.1000	0.00000	1.0564	0.37732	0.14133	24	0.12	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	1.1500	0.10000	1.0564	0.37732	0.14133	24	0.25	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	1.1550	0.11000	1.0564	0.37732	0.14133	24	0.26	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	1.1600	0.22000	1.0564	0.37732	0.14133	24	0.27	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	1.1800	0.02000	1.0564	0.37732	0.14133	24	0.33	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	1.1950	0.01000	1.0564	0.37732	0.14133	24	0.37	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	1.2000	0.00000	1.0564	0.37732	0.14133	24	0.38	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	1.2400	0.04000	1.0564	0.37732	0.14133	24	0.49	9%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	1.2600	0.04000	1.0564	0.37732	0.14133	24	0.54	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	1.4000	0.20000	1.0564	0.37732	0.14133	24	0.91	16%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	1.4100	0.24000	1.0564	0.37732	0.14133	24	0.94	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	1.4200	0.56000	1.0564	0.37732	0.14133	24	0.96	17%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	1.5500	0.50000	1.0564	0.37732	0.14133	24	1.31	23%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	2.3709	0.19530	1.0564	0.37732	0.14133	24	3.48	62%	0



Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	1.7000	0.60000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	1.2500	0.30000	2.6048	1.5649	0.21819	7	-0.87	26%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	1.3000	0.06000	2.6048	1.5649	0.21819	7	-0.83	25%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	1.8200	0.16000	2.6048	1.5649	0.21819	7	-0.50	15%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	2.3250	0.01000	2.6048	1.5649	0.21819	7	-0.18	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	2.6863	0.24730	2.6048	1.5649	0.21819	7	0.05	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0265	3.9000	0.40000	2.6048	1.5649	0.21819	7	0.83	25%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0038	8.7350	0.35000	2.6048	1.5649	0.21819	7	3.92	118%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	0.59500	0.01000	1.4135	0.32208	0.14903	22	-2.54	29%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	1.0050	0.21000	1.4135	0.32208	0.14903	22	-1.27	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	1.1200	0.06000	1.4135	0.32208	0.14903	22	-0.91	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	1.1525	0.55500	1.4135	0.32208	0.14903	22	-0.81	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	1.1800	0.04000	1.4135	0.32208	0.14903	22	-0.73	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	1.2000	0.20000	1.4135	0.32208	0.14903	22	-0.66	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	1.2400	0.18000	1.4135	0.32208	0.14903	22	-0.54	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	1.2800	0.12000	1.4135	0.32208	0.14903	22	-0.41	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	1.2950	0.05000	1.4135	0.32208	0.14903	22	-0.37	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	1.3000	0.02000	1.4135	0.32208	0.14903	22	-0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	1.3400	0.08000	1.4135	0.32208	0.14903	22	-0.23	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	1.3500	0.10000	1.4135	0.32208	0.14903	22	-0.20	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	1.4000	0.00000	1.4135	0.32208	0.14903	22	-0.04	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	1.4500	0.10000	1.4135	0.32208	0.14903	22	0.11	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	1.5267	0.42360	1.4135	0.32208	0.14903	22	0.35	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0294	1.5500	0.10000	1.4135	0.32208	0.14903	22	0.42	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	1.6550	0.15000	1.4135	0.32208	0.14903	22	0.75	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	1.7500	0.10000	1.4135	0.32208	0.14903	22	1.04	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	1.7800	0.28000	1.4135	0.32208	0.14903	22	1.14	13%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	1.8000	0.20000	1.4135	0.32208	0.14903	22	1.20	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	2.3700	0.10000	1.4135	0.32208	0.14903	22	2.97	34%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	2.7000	0.20000	1.4135	0.32208	0.14903	22	3.99	46%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	2.2106	0.80310	1.4135	0.32208	0.14903	22	2.47	28%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	1.7300	0.40000				1			0
010.03	Moisture, Karl-Fischer (%)	0843	3.0000	0.54000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	3.6000	0.10000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	4.3850	0.11000				3			0
010.11	Moisture, NIR (%)	2128	2.8311	0.02420				1			0
010.99	Moisture, Miscellaneous (%)	2155	3.1450	0.01000	4.1166	0.73419	0.14813	16	-1.32	12%	0
010.99	Moisture, Miscellaneous (%)	0692	3.5600	0.20000	4.1166	0.73419	0.14813	16	-0.76	7%	0
010.99	Moisture, Miscellaneous (%)	2089	3.5700	0.06000	4.1166	0.73419	0.14813	16	-0.74	7%	0
010.99	Moisture, Miscellaneous (%)	0914	3.6100	0.12000	4.1166	0.73419	0.14813	16	-0.69	6%	0
010.99	Moisture, Miscellaneous (%)	0952	3.6750	0.01000	4.1166	0.73419	0.14813	16	-0.60	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
010.99	Moisture, Miscellaneous (%)	2004	3.7550	0.11000	4.1166	0.73419	0.14813	16	-0.49	4%	0
010.99	Moisture, Miscellaneous (%)	2150	3.8050	0.45000	4.1166	0.73419	0.14813	16	-0.42	4%	0
010.99	Moisture, Miscellaneous (%)	0948	3.8300	0.12000	4.1166	0.73419	0.14813	16	-0.39	3%	0
010.99	Moisture, Miscellaneous (%)	0875	3.9100	0.02000	4.1166	0.73419	0.14813	16	-0.28	3%	0
010.99	Moisture, Miscellaneous (%)	0939	4.1350	0.43000	4.1166	0.73419	0.14813	16	0.03	0%	0
010.99	Moisture, Miscellaneous (%)	2129	4.2600	0.08000	4.1166	0.73419	0.14813	16	0.20	2%	0
010.99	Moisture, Miscellaneous (%)	0921	4.3200	0.20000	4.1166	0.73419	0.14813	16	0.28	2%	0
010.99	Moisture, Miscellaneous (%)	0726	4.6750	0.01000	4.1166	0.73419	0.14813	16	0.76	7%	0
010.99	Moisture, Miscellaneous (%)	0190	5.1800	0.20000	4.1166	0.73419	0.14813	16	1.45	13%	0
010.99	Moisture, Miscellaneous (%)	0405	6.1950	0.01000	4.1166	0.73419	0.14813	16	2.83	25%	0
010.99	Moisture, Miscellaneous (%)	2127	10.350	0.34000	4.1166	0.73419	0.14813	16	8.49	76%	0
011.01	Loss on Drying, 135°C 2hr (%)	1019	3.4000	0.04000	8.3597	2.0725	0.18042	54	-2.39	30%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	3.5900	0.02000	8.3597	2.0725	0.18042	54	-2.30	29%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	3.6200	0.12000	8.3597	2.0725	0.18042	54	-2.29	28%	0
011.01	Loss on Drying, 135°C 2hr (%)	2108	3.8150	0.03000	8.3597	2.0725	0.18042	54	-2.19	27%	0
011.01	Loss on Drying, 135°C 2hr (%)	2022	4.1400	0.04000	8.3597	2.0725	0.18042	54	-2.04	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	4.7000	0.40000	8.3597	2.0725	0.18042	54	-1.77	22%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	4.8200	0.14000	8.3597	2.0725	0.18042	54	-1.71	21%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	4.9305	0.30870	8.3597	2.0725	0.18042	54	-1.65	21%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	5.5300	0.16000	8.3597	2.0725	0.18042	54	-1.37	17%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	6.7500	0.26000	8.3597	2.0725	0.18042	54	-0.78	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	7.1315	0.06700	8.3597	2.0725	0.18042	54	-0.59	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0843	7.2550	0.05000	8.3597	2.0725	0.18042	54	-0.53	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	7.3650	0.27000	8.3597	2.0725	0.18042	54	-0.48	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	7.3900	0.24000	8.3597	2.0725	0.18042	54	-0.47	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	7.3988	0.04950	8.3597	2.0725	0.18042	54	-0.46	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	7.4450	0.21000	8.3597	2.0725	0.18042	54	-0.44	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0152	7.4500	0.10000	8.3597	2.0725	0.18042	54	-0.44	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	7.7500	0.10000	8.3597	2.0725	0.18042	54	-0.29	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	7.8550	0.05000	8.3597	2.0725	0.18042	54	-0.24	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.9300	0.24000	8.3597	2.0725	0.18042	54	-0.21	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	7.9500	0.30000	8.3597	2.0725	0.18042	54	-0.20	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	8.0287	0.15580	8.3597	2.0725	0.18042	54	-0.16	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.1200	0.02000	8.3597	2.0725	0.18042	54	-0.12	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.2200	0.30000	8.3597	2.0725	0.18042	54	-0.07	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.2300	0.02000	8.3597	2.0725	0.18042	54	-0.06	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.3550	0.07000	8.3597	2.0725	0.18042	54	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.3665	0.04700	8.3597	2.0725	0.18042	54	0.00	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	8.5390	0.23870	8.3597	2.0725	0.18042	54	0.09	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2097	8.6044	0.17940	8.3597	2.0725	0.18042	54	0.12	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.7350	0.05000	8.3597	2.0725	0.18042	54	0.18	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 (%)	0194	8.8750	0.03000	8.3597	2.0725	0.18042	54	0.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.8818	0.02080	8.3597	2.0725	0.18042	54	0.25	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	8.9950	0.13000	8.3597	2.0725	0.18042	54	0.31	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	9.0700	0.48000	8.3597	2.0725	0.18042	54	0.34	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	9.0850	0.11000	8.3597	2.0725	0.18042	54	0.35	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0205	9.1745	0.04100	8.3597	2.0725	0.18042	54	0.39	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	9.2000	0.20000	8.3597	2.0725	0.18042	54	0.41	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0728	9.3200	0.00000	8.3597	2.0725	0.18042	54	0.46	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	9.4000	0.00000	8.3597	2.0725	0.18042	54	0.50	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	9.5000	0.00000	8.3597	2.0725	0.18042	54	0.55	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	9.6300	0.36000	8.3597	2.0725	0.18042	54	0.61	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	9.6750	0.13000	8.3597	2.0725	0.18042	54	0.63	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	9.7340	0.07800	8.3597	2.0725	0.18042	54	0.66	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	9.7550	0.01000	8.3597	2.0725	0.18042	54	0.67	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	9.8450	0.01000	8.3597	2.0725	0.18042	54	0.72	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	10.170	1.0400	8.3597	2.0725	0.18042	54	0.87	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	10.235	0.37000	8.3597	2.0725	0.18042	54	0.90	11%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	10.595	0.05000	8.3597	2.0725	0.18042	54	1.08	13%	0
011.01	Loss on Drying, 135°C 2hr (%)	0881	10.954	0.05400	8.3597	2.0725	0.18042	54	1.25	16%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	11.051	0.64300	8.3597	2.0725	0.18042	54	1.30	16%	0
011.01	Loss on Drying, 135°C 2hr (%)	0233	11.555	0.19000	8.3597	2.0725	0.18042	54	1.54	19%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	12.470	0.38000	8.3597	2.0725	0.18042	54	1.98	25%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	12.865	0.15000	8.3597	2.0725	0.18042	54	2.17	27%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	13.325	0.99000	8.3597	2.0725	0.18042	54	2.40	30%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.5760	1.7280	8.3597	2.0725	0.18042	54	-0.38	5%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.8450	0.05000				1			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0004	3.9350	0.07000	5.7740	1.8472	0.31600	5	-1.00	16%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	4.4800	0.02000	5.7740	1.8472	0.31600	5	-0.70	11%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	5.3700	0.86000	5.7740	1.8472	0.31600	5	-0.22	3%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	6.5000	0.60000	5.7740	1.8472	0.31600	5	0.39	6%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.5850	0.03000	5.7740	1.8472	0.31600	5	1.52	24%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	1.1500	0.30000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0910	5.4000	2.8000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0609	8.6800	0.00000				3			0
012.01	Starch, Megazyme (%)	0956	0.55000	0.10000	0.86843	0.41433	0.13488	8	-0.77	18%	0
012.01	Starch, Megazyme (%)	2004	0.59500	0.01000	0.86843	0.41433	0.13488	8	-0.66	16%	0
012.01	Starch, Megazyme (%)	0164	0.60000	0.20000	0.86843	0.41433	0.13488	8	-0.65	15%	0
012.01	Starch, Megazyme (%)	0676	0.65000	0.10000	0.86843	0.41433	0.13488	8	-0.53	13%	0
012.01	Starch, Megazyme (%)	0045	0.70000	0.20000	0.86843	0.41433	0.13488	8	-0.41	10%	0
012.01	Starch, Megazyme (%)	0870	1.0625	0.00900	0.86843	0.41433	0.13488	8	0.47	11%	0
012.01	Starch, Megazyme (%)	0265	1.3000	0.20000	0.86843	0.41433	0.13488	8	1.04	25%	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	
012.01	Starch, Megazyme (%)	0693	2.5900	0.26000	0.86843	0.41433	0.13488	8	4.16	99%	0
012.01	Starch, Megazyme (%)	0918	2.0495	0.86100	0.86843	0.41433	0.13488	8	2.85	68%	1
012.03	Starch, Enzymatic (%)	0407	0.57000	0.08000				2			0
012.03	Starch, Enzymatic (%)	0297	1.0750	0.07000				2			0
012.03	Starch, Enzymatic (%)	0098	0.00000	0.00000				2			4
012.04	Starch, YSI Analyzer (%)	0353	0.34000	0.24000	0.61800	0.24924	0.11600	5	-1.12	22%	0
012.04	Starch, YSI Analyzer (%)	0160	0.50000	0.06000	0.61800	0.24924	0.11600	5	-0.47	10%	0
012.04	Starch, YSI Analyzer (%)	0510	0.50000	0.00000	0.61800	0.24924	0.11600	5	-0.47	10%	0
012.04	Starch, YSI Analyzer (%)	0948	0.80000	0.18000	0.61800	0.24924	0.11600	5	0.73	15%	0
012.04	Starch, YSI Analyzer (%)	0278	0.95000	0.10000	0.61800	0.24924	0.11600	5	1.33	27%	0
012.11	Starch, NIR (%)	0297	0.01000	0.00000				1			0
012.99	Starch, Miscellaneous (%)	2068	31.820	0.02000				1			0
013.00	Fat, Acid hydrolysis (%)	0139	5.8950	0.01000	23.198	1.0027	0.18639	21	-17.26	37%	0
013.00	Fat, Acid hydrolysis (%)	0083	17.670	0.44000	23.198	1.0027	0.18639	21	-5.51	12%	0
013.00	Fat, Acid hydrolysis (%)	0297	21.795	0.01000	23.198	1.0027	0.18639	21	-1.40	3%	0
013.00	Fat, Acid hydrolysis (%)	2146	22.095	0.17000	23.198	1.0027	0.18639	21	-1.10	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	22.115	0.85000	23.198	1.0027	0.18639	21	-1.08	2%	0
013.00	Fat, Acid hydrolysis (%)	0910	23.025	0.09000	23.198	1.0027	0.18639	21	-0.17	0%	0
013.00	Fat, Acid hydrolysis (%)	0652	23.100	0.40000	23.198	1.0027	0.18639	21	-0.10	0%	0
013.00	Fat, Acid hydrolysis (%)	2004	23.100	0.00000	23.198	1.0027	0.18639	21	-0.10	0%	0
013.00	Fat, Acid hydrolysis (%)	2145	23.175	0.03000	23.198	1.0027	0.18639	21	-0.02	0%	0
013.00	Fat, Acid hydrolysis (%)	0615	23.330	0.10000	23.198	1.0027	0.18639	21	0.13	0%	0
013.00	Fat, Acid hydrolysis (%)	0407	23.345	0.07630	23.198	1.0027	0.18639	21	0.15	0%	0
013.00	Fat, Acid hydrolysis (%)	0309	23.445	0.30710	23.198	1.0027	0.18639	21	0.25	1%	0
013.00	Fat, Acid hydrolysis (%)	2144	23.450	0.12000	23.198	1.0027	0.18639	21	0.25	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	23.505	0.11000	23.198	1.0027	0.18639	21	0.31	1%	0
013.00	Fat, Acid hydrolysis (%)	0098	23.595	0.25000	23.198	1.0027	0.18639	21	0.40	1%	0
013.00	Fat, Acid hydrolysis (%)	0202	23.600	0.14000	23.198	1.0027	0.18639	21	0.40	1%	0
013.00	Fat, Acid hydrolysis (%)	2053	23.675	0.03000	23.198	1.0027	0.18639	21	0.48	1%	0
013.00	Fat, Acid hydrolysis (%)	0229	23.845	0.29000	23.198	1.0027	0.18639	21	0.64	1%	0
013.00	Fat, Acid hydrolysis (%)	2057	24.180	0.22070	23.198	1.0027	0.18639	21	0.98	2%	0
013.00	Fat, Acid hydrolysis (%)	2089	24.700	0.06000	23.198	1.0027	0.18639	21	1.50	3%	0
013.00	Fat, Acid hydrolysis (%)	0596	27.545	0.21000	23.198	1.0027	0.18639	21	4.33	9%	0
013.00	Fat, Acid hydrolysis (%)	2076	24.335	1.0500	23.198	1.0027	0.18639	21	1.13	2%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0004	19.530	0.20000	23.819	0.73069	0.23308	18	-5.87	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0843	22.630	0.38000	23.819	0.73069	0.23308	18	-1.63	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	22.655	0.17000	23.819	0.73069	0.23308	18	-1.59	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0656	23.355	0.67000	23.819	0.73069	0.23308	18	-0.63	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0353	23.380	0.02000	23.819	0.73069	0.23308	18	-0.60	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	23.510	0.30000	23.819	0.73069	0.23308	18	-0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	23.855	0.19000	23.819	0.73069	0.23308	18	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0870	23.868	0.28550	23.819	0.73069	0.23308	18	0.07	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	23.920	0.18000	23.819	0.73069	0.23308	18	0.14	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0074	23.960	0.28000	23.819	0.73069	0.23308	18	0.19	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0964	24.025	0.37000	23.819	0.73069	0.23308	18	0.28	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	24.125	0.17000	23.819	0.73069	0.23308	18	0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	24.125	0.01000	23.819	0.73069	0.23308	18	0.42	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	24.150	0.06000	23.819	0.73069	0.23308	18	0.45	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	24.250	0.10000	23.819	0.73069	0.23308	18	0.59	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	24.370	0.44000	23.819	0.73069	0.23308	18	0.75	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	24.760	0.16000	23.819	0.73069	0.23308	18	1.29	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0596	27.545	0.21000	23.819	0.73069	0.23308	18	5.10	8%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	25.450	3.5000	23.819	0.73069	0.23308	18	2.23	3%	1
013.03	Fat, Roese-Gottlieb (%)	0505	22.180	1.1000	23.281	0.98925	0.38000	9	-1.11	2%	0
013.03	Fat, Roese-Gottlieb (%)	0016	22.300	0.20000	23.281	0.98925	0.38000	9	-0.99	2%	0
013.03	Fat, Roese-Gottlieb (%)	0511	22.515	0.35000	23.281	0.98925	0.38000	9	-0.77	2%	0
013.03	Fat, Roese-Gottlieb (%)	0175	22.800	0.00000	23.281	0.98925	0.38000	9	-0.49	1%	0
013.03	Fat, Roese-Gottlieb (%)	2150	23.490	0.12000	23.281	0.98925	0.38000	9	0.21	0%	0
013.03	Fat, Roese-Gottlieb (%)	0861	23.595	0.13000	23.281	0.98925	0.38000	9	0.32	1%	0
013.03	Fat, Roese-Gottlieb (%)	0160	23.850	0.10000	23.281	0.98925	0.38000	9	0.58	1%	0
013.03	Fat, Roese-Gottlieb (%)	0013	24.150	1.1200	23.281	0.98925	0.38000	9	0.88	2%	0
013.03	Fat, Roese-Gottlieb (%)	0017	24.650	0.30000	23.281	0.98925	0.38000	9	1.38	3%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0047	22.310	0.02000	23.545	0.80734	0.16078	5	-1.53	3%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0618	23.445	0.35000	23.545	0.80734	0.16078	5	-0.12	0%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0033	23.450	0.10000	23.545	0.80734	0.16078	5	-0.12	0%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0027	24.121	0.13390	23.545	0.80734	0.16078	5	0.71	1%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0510	24.400	0.20000	23.545	0.80734	0.16078	5	1.06	2%	0
013.08	Fat, Roese-Gottlieb Modified (%)	0035	22.445	2.4500	23.545	0.80734	0.16078	5	-1.36	2%	1
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	21.480	0.02000	22.217	0.48268	0.16125	6	-1.53	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0875	22.125	0.29000	22.217	0.48268	0.16125	6	-0.19	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	22.130	0.04750	22.217	0.48268	0.16125	6	-0.18	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	22.360	0.58000	22.217	0.48268	0.16125	6	0.30	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0629	22.430	0.00000	22.217	0.48268	0.16125	6	0.44	0%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	22.765	0.03000	22.217	0.48268	0.16125	6	1.13	1%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	23.923	0.03200				1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0019	22.230	0.00000	22.884	0.46233	0.31000	9	-1.41	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	22.460	0.54000	22.884	0.46233	0.31000	9	-0.92	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	22.600	0.20000	22.884	0.46233	0.31000	9	-0.61	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	22.750	0.30000	22.884	0.46233	0.31000	9	-0.29	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	23.013	0.11000	22.884	0.46233	0.31000	9	0.28	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0653	23.020	0.26000	22.884	0.46233	0.31000	9	0.29	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0003	23.145	0.67000	22.884	0.46233	0.31000	9	0.57	1%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.13	Fat, Ankom- Acid Hydrolysis (%)	0878	23.205	0.33000	22.884	0.46233	0.31000	9	0.70	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0015	23.530	0.38000	22.884	0.46233	0.31000	9	1.40	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	25.200	2.2200	22.884	0.46233	0.31000	9	5.01	5%	1
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	100.39	0.47000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	130.00	2.0000				3			0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	174.50	117.00				3			0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	106.25	0.50000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	106.00	0.00000	110.88	5.9128	4.3083	6	-0.83	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	107.00	4.0000	110.88	5.9128	4.3083	6	-0.66	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	107.55	4.8495	110.88	5.9128	4.3083	6	-0.56	2%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	111.50	1.0000	110.88	5.9128	4.3083	6	0.10	0%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	113.50	3.0000	110.88	5.9128	4.3083	6	0.44	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	120.50	13.000	110.88	5.9128	4.3083	6	1.63	4%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	130.50	5.0000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	1.7100	0.12000				2			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	2.1800	2.1200				2			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	1.9750	0.29000	2.7530	0.56697	0.14600	5	-1.37	14%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	2.5150	0.21000	2.7530	0.56697	0.14600	5	-0.42	4%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	2.6600	0.08000	2.7530	0.56697	0.14600	5	-0.16	2%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	3.2950	0.11000	2.7530	0.56697	0.14600	5	0.96	10%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	3.3200	0.04000	2.7530	0.56697	0.14600	5	1.00	10%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	2.9000	0.00000	4.9813	3.3868	0.58750	4	-0.63	6%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	2.9750	0.25000	4.9813	3.3868	0.58750	4	-0.52	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	4.0500	0.10000	4.9813	3.3868	0.58750	4	1.15	11%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	10.000	2.0000	4.9813	3.3868	0.58750	4	10.40	101%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	1.5475	0.08310	1.7036	0.07180	0.02540	15	-2.17	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	1.5729	0.01390	1.7036	0.07180	0.02540	15	-1.82	4%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.6275	0.02500	1.7036	0.07180	0.02540	15	-1.06	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	1.6400	0.00000	1.7036	0.07180	0.02540	15	-0.89	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	1.6901	0.03100	1.7036	0.07180	0.02540	15	-0.19	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	1.7050	0.01000	1.7036	0.07180	0.02540	15	0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	1.7100	0.06000	1.7036	0.07180	0.02540	15	0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	1.7150	0.01000	1.7036	0.07180	0.02540	15	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0878	1.7200	0.02000	1.7036	0.07180	0.02540	15	0.23	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0881	1.7290	0.05800	1.7036	0.07180	0.02540	15	0.35	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	1.7300	0.02000	1.7036	0.07180	0.02540	15	0.37	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	1.7550	0.01000	1.7036	0.07180	0.02540	15	0.72	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	1.7650	0.03000	1.7036	0.07180	0.02540	15	0.86	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	1.7700	0.00000	1.7036	0.07180	0.02540	15	0.93	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	1.8050	0.01000	1.7036	0.07180	0.02540	15	1.41	3%	0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	1.7393	0.00880				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	
019.08	Calcium, EDTA (%)	0629	1.6450	0.01000	1.6817	0.03708	0.00910	7	-0.99	1%	0
019.08	Calcium, EDTA (%)	0940	1.6500	0.00000	1.6817	0.03708	0.00910	7	-0.86	1%	0
019.08	Calcium, EDTA (%)	0885	1.6659	0.03320	1.6817	0.03708	0.00910	7	-0.43	0%	0
019.08	Calcium, EDTA (%)	0849	1.6755	0.00900	1.6817	0.03708	0.00910	7	-0.17	0%	0
019.08	Calcium, EDTA (%)	2009	1.6934	0.00150	1.6817	0.03708	0.00910	7	0.31	0%	0
019.08	Calcium, EDTA (%)	0590	1.7050	0.01000	1.6817	0.03708	0.00910	7	0.63	1%	0
019.08	Calcium, EDTA (%)	0689	1.7500	0.00000	1.6817	0.03708	0.00910	7	1.84	2%	0
019.08	Calcium, EDTA (%)	0852	3.9500	0.10000	1.6817	0.03708	0.00910	7	61.17	67%	1
019.31	Calcium, AAS, Dry ash (%)	0152	1.5550	0.03000	1.6893	0.06153	0.03583	29	-2.18	4%	0
019.31	Calcium, AAS, Dry ash (%)	0596	1.5550	0.01000	1.6893	0.06153	0.03583	29	-2.18	4%	0
019.31	Calcium, AAS, Dry ash (%)	2161	1.5600	0.06000	1.6893	0.06153	0.03583	29	-2.10	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.5750	0.04000	1.6893	0.06153	0.03583	29	-1.86	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.6300	0.00000	1.6893	0.06153	0.03583	29	-0.96	2%	0
019.31	Calcium, AAS, Dry ash (%)	0874	1.6450	0.07000	1.6893	0.06153	0.03583	29	-0.72	1%	0
019.31	Calcium, AAS, Dry ash (%)	0650	1.6510	0.01400	1.6893	0.06153	0.03583	29	-0.62	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.6550	0.05000	1.6893	0.06153	0.03583	29	-0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	1.6550	0.01600	1.6893	0.06153	0.03583	29	-0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0653	1.6615	0.04700	1.6893	0.06153	0.03583	29	-0.45	1%	0
019.31	Calcium, AAS, Dry ash (%)	0175	1.6850	0.05000	1.6893	0.06153	0.03583	29	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	1.6855	0.02520	1.6893	0.06153	0.03583	29	-0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0233	1.6900	0.00000	1.6893	0.06153	0.03583	29	0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	2097	1.6923	0.04240	1.6893	0.06153	0.03583	29	0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0904	1.6950	0.13000	1.6893	0.06153	0.03583	29	0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	1.7000	0.00000	1.6893	0.06153	0.03583	29	0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	2022	1.7000	0.02000	1.6893	0.06153	0.03583	29	0.17	0%	0
019.31	Calcium, AAS, Dry ash (%)	0563	1.7041	0.01560	1.6893	0.06153	0.03583	29	0.24	0%	0
019.31	Calcium, AAS, Dry ash (%)	0014	1.7100	0.06000	1.6893	0.06153	0.03583	29	0.34	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	1.7150	0.01000	1.6893	0.06153	0.03583	29	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.7150	0.03000	1.6893	0.06153	0.03583	29	0.42	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	1.7160	0.05600	1.6893	0.06153	0.03583	29	0.43	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	1.7300	0.02000	1.6893	0.06153	0.03583	29	0.66	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	1.7300	0.02000	1.6893	0.06153	0.03583	29	0.66	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.7400	0.12000	1.6893	0.06153	0.03583	29	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0066	1.7515	0.01300	1.6893	0.06153	0.03583	29	1.01	2%	0
019.31	Calcium, AAS, Dry ash (%)	0656	1.7900	0.04000	1.6893	0.06153	0.03583	29	1.64	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.8150	0.03000	1.6893	0.06153	0.03583	29	2.04	4%	0
019.31	Calcium, AAS, Dry ash (%)	0646	2.1300	0.02000	1.6893	0.06153	0.03583	29	7.16	13%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.3600	0.20000	1.6893	0.06153	0.03583	29	-5.35	10%	1
019.32	Calcium, AAS, Open vessel (%)	0035	1.6500	0.00000	1.7778	0.12239	0.01720	5	-0.89	4%	0
019.32	Calcium, AAS, Open vessel (%)	0612	1.6600	0.00000	1.7778	0.12239	0.01720	5	-0.82	3%	0
019.32	Calcium, AAS, Open vessel (%)	0504	1.7840	0.05600	1.7778	0.12239	0.01720	5	0.05	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.32	Calcium, AAS, Open vessel (%)	0169	1.8750	0.01000	1.7778	0.12239	0.01720	5	0.70	3%	0
019.32	Calcium, AAS, Open vessel (%)	0609	1.9200	0.02000	1.7778	0.12239	0.01720	5	1.02	4%	0
019.33	Calcium, AAS, Microwave (%)	0035	1.6950	0.03000				2			0
019.33	Calcium, AAS, Microwave (%)	0504	1.7255	0.00100				2			0
019.41	Calcium, ICP, Dry ash (%)	0139	1.4500	0.00000	1.7084	0.08287	0.03566	24	-3.12	8%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.5300	0.00000	1.7084	0.08287	0.03566	24	-2.15	5%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.5900	0.06000	1.7084	0.08287	0.03566	24	-1.43	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	1.6050	0.05000	1.7084	0.08287	0.03566	24	-1.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.6470	0.01800	1.7084	0.08287	0.03566	24	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.6500	0.06000	1.7084	0.08287	0.03566	24	-0.71	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	1.6610	0.10200	1.7084	0.08287	0.03566	24	-0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	2012	1.6800	0.02000	1.7084	0.08287	0.03566	24	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.6850	0.01000	1.7084	0.08287	0.03566	24	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0511	1.6850	0.05000	1.7084	0.08287	0.03566	24	-0.28	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	1.7150	0.01000	1.7084	0.08287	0.03566	24	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.7150	0.01000	1.7084	0.08287	0.03566	24	0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.7200	0.10000	1.7084	0.08287	0.03566	24	0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	2145	1.7300	0.00000	1.7084	0.08287	0.03566	24	0.26	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.7400	0.00000	1.7084	0.08287	0.03566	24	0.38	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.7500	0.02000	1.7084	0.08287	0.03566	24	0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0878	1.7500	0.10000	1.7084	0.08287	0.03566	24	0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	2144	1.7500	0.00000	1.7084	0.08287	0.03566	24	0.50	1%	0
019.41	Calcium, ICP, Dry ash (%)	0003	1.7650	0.07000	1.7084	0.08287	0.03566	24	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0089	1.7650	0.01000	1.7084	0.08287	0.03566	24	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.7650	0.05000	1.7084	0.08287	0.03566	24	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.8009	0.00680	1.7084	0.08287	0.03566	24	1.12	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	1.9155	0.00900	1.7084	0.08287	0.03566	24	2.50	6%	0
019.41	Calcium, ICP, Dry ash (%)	0405	1.9500	0.10000	1.7084	0.08287	0.03566	24	2.91	7%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.1150	0.07000	1.7531	0.10742	0.04501	22	-5.94	18%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.6100	0.08000	1.7531	0.10742	0.04501	22	-1.33	4%	0
019.42	Calcium, ICP, Open vessel (%)	0366	1.6250	0.05000	1.7531	0.10742	0.04501	22	-1.19	4%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.6400	0.02000	1.7531	0.10742	0.04501	22	-1.05	3%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.6600	0.00000	1.7531	0.10742	0.04501	22	-0.87	3%	0
019.42	Calcium, ICP, Open vessel (%)	0205	1.6700	0.04000	1.7531	0.10742	0.04501	22	-0.77	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	1.6738	0.00750	1.7531	0.10742	0.04501	22	-0.74	2%	0
019.42	Calcium, ICP, Open vessel (%)	0265	1.7250	0.01000	1.7531	0.10742	0.04501	22	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	1.7400	0.02000	1.7531	0.10742	0.04501	22	-0.12	0%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.7400	0.04000	1.7531	0.10742	0.04501	22	-0.12	0%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.7500	0.06000	1.7531	0.10742	0.04501	22	-0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.7590	0.03780	1.7531	0.10742	0.04501	22	0.05	0%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.7720	0.12400	1.7531	0.10742	0.04501	22	0.18	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.42	Calcium, ICP, Open vessel (%)	0504	1.7820	0.03200	1.7531	0.10742	0.04501	22	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	1.8200	0.04000	1.7531	0.10742	0.04501	22	0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.8200	0.00000	1.7531	0.10742	0.04501	22	0.62	2%	0
019.42	Calcium, ICP, Open vessel (%)	2053	1.8250	0.17000	1.7531	0.10742	0.04501	22	0.67	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.8550	0.03000	1.7531	0.10742	0.04501	22	0.95	3%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.8550	0.03000	1.7531	0.10742	0.04501	22	0.95	3%	0
019.42	Calcium, ICP, Open vessel (%)	0726	1.8605	0.00900	1.7531	0.10742	0.04501	22	1.00	3%	0
019.42	Calcium, ICP, Open vessel (%)	0187	1.8800	0.00000	1.7531	0.10742	0.04501	22	1.18	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.9900	0.12000	1.7531	0.10742	0.04501	22	2.21	7%	0
019.42	Calcium, ICP, Open vessel (%)	0160	1.8723	0.30470	1.7531	0.10742	0.04501	22	1.11	3%	1
019.43	Calcium, ICP, Microwave (%)	0017	1.3750	0.05000	1.6794	0.08864	0.03416	29	-3.43	9%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.4821	0.03580	1.6794	0.08864	0.03416	29	-2.23	6%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.4900	0.00000	1.6794	0.08864	0.03416	29	-2.14	6%	0
019.43	Calcium, ICP, Microwave (%)	0043	1.5500	0.02000	1.6794	0.08864	0.03416	29	-1.46	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	1.5650	0.09000	1.6794	0.08864	0.03416	29	-1.29	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.6100	0.02000	1.6794	0.08864	0.03416	29	-0.78	2%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.6150	0.15000	1.6794	0.08864	0.03416	29	-0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.6300	0.00000	1.6794	0.08864	0.03416	29	-0.56	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.6405	0.00500	1.6794	0.08864	0.03416	29	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.6450	0.03000	1.6794	0.08864	0.03416	29	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0668	1.6600	0.00000	1.6794	0.08864	0.03416	29	-0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.6650	0.05000	1.6794	0.08864	0.03416	29	-0.16	0%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.6800	0.00000	1.6794	0.08864	0.03416	29	0.01	0%	0
019.43	Calcium, ICP, Microwave (%)	0861	1.6850	0.03000	1.6794	0.08864	0.03416	29	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.7035	0.01900	1.6794	0.08864	0.03416	29	0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.7050	0.01000	1.6794	0.08864	0.03416	29	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	1.7050	0.01000	1.6794	0.08864	0.03416	29	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.7060	0.00400	1.6794	0.08864	0.03416	29	0.30	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.7210	0.04800	1.6794	0.08864	0.03416	29	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.7340	0.00200	1.6794	0.08864	0.03416	29	0.62	2%	0
019.43	Calcium, ICP, Microwave (%)	0013	1.7350	0.05000	1.6794	0.08864	0.03416	29	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.7350	0.13000	1.6794	0.08864	0.03416	29	0.63	2%	0
019.43	Calcium, ICP, Microwave (%)	0028	1.7400	0.02000	1.6794	0.08864	0.03416	29	0.68	2%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.7430	0.04800	1.6794	0.08864	0.03416	29	0.72	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.7450	0.05000	1.6794	0.08864	0.03416	29	0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.7508	0.00880	1.6794	0.08864	0.03416	29	0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.7850	0.03000	1.6794	0.08864	0.03416	29	1.19	3%	0
019.43	Calcium, ICP, Microwave (%)	0034	1.7980	0.07000	1.6794	0.08864	0.03416	29	1.34	4%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.8950	0.01000	1.6794	0.08864	0.03416	29	2.43	6%	0
019.44	Calcium, ICP, Dry ash (%)	2004	1.6750	0.09000				2			0
019.44	Calcium, ICP, Dry ash (%)	2108	1.8500	0.18000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.7545	0.04500				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	1.4600	0.02000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.6200	0.04000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	1.7460	0.15720				3			0
019.53	Calcium, ICP-MS, Microwave (%)	2066	1.4000	0.00000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	1.7625	0.15500				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	1.7950	0.17000				3			0
019.99	Calcium, Miscellaneous (%)	0100	1.9350	0.05000				1			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0689	0.30000	0.00000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	0.55000	0.70000				2			0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	0.65000	0.30000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.23550	0.02500				1			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	0.01000	0.00000				2			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	0.55000	0.30000				2			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	0.34000	0.06000	0.50181	0.17671	0.04733	6	-0.92	16%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0043	0.38800	0.06400	0.50181	0.17671	0.04733	6	-0.64	11%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.42000	0.02000	0.50181	0.17671	0.04733	6	-0.46	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.52500	0.01000	0.50181	0.17671	0.04733	6	0.13	2%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.57100	0.10000	0.50181	0.17671	0.04733	6	0.39	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	0.84500	0.03000	0.50181	0.17671	0.04733	6	1.94	34%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.40000	0.04000				2			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.72300	0.57400				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.37500	0.00000				2			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.68425	0.35270				2			0
021.99	Cobalt, Miscellaneous (mg / kg (ppm))	0590	0.96500	0.05000				1			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	4.4350	1.4500	12.369	4.6734	1.3176	11	-1.70	32%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	8.0500	1.1000	12.369	4.6734	1.3176	11	-0.92	17%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2161	9.3700	0.30000	12.369	4.6734	1.3176	11	-0.64	12%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	10.800	0.60000	12.369	4.6734	1.3176	11	-0.34	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	11.056	0.75100	12.369	4.6734	1.3176	11	-0.28	5%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0596	11.600	2.8000	12.369	4.6734	1.3176	11	-0.16	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	12.500	1.0000	12.369	4.6734	1.3176	11	0.03	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	15.045	0.07000	12.369	4.6734	1.3176	11	0.57	11%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	16.005	4.2500	12.369	4.6734	1.3176	11	0.78	15%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	17.333	1.5830	12.369	4.6734	1.3176	11	1.06	20%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	18.945	0.59000	12.369	4.6734	1.3176	11	1.41	27%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	6.5000	1.0000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	7.5000	1.0000				3			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	20.000	0.00000				3			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	6.5000	1.0000				2			0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	12.410	0.30000				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	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	5.5500	1.1000	9.4488	2.7618	1.5042	17	-1.41	21%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	5.9405	0.93900	9.4488	2.7618	1.5042	17	-1.27	19%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	6.1034	0.46160	9.4488	2.7618	1.5042	17	-1.21	18%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	7.4750	0.67000	9.4488	2.7618	1.5042	17	-0.71	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	7.7750	4.4700	9.4488	2.7618	1.5042	17	-0.61	9%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	8.2450	0.07000	9.4488	2.7618	1.5042	17	-0.44	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	8.9500	0.10000	9.4488	2.7618	1.5042	17	-0.18	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	9.1450	5.6100	9.4488	2.7618	1.5042	17	-0.11	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0878	9.4000	0.20000	9.4488	2.7618	1.5042	17	-0.02	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	10.000	2.0000	9.4488	2.7618	1.5042	17	0.20	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	10.000	0.00000	9.4488	2.7618	1.5042	17	0.20	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	10.445	0.61000	9.4488	2.7618	1.5042	17	0.36	5%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	11.000	2.0000	9.4488	2.7618	1.5042	17	0.56	8%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	11.600	0.80000	9.4488	2.7618	1.5042	17	0.78	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	12.110	2.1200	9.4488	2.7618	1.5042	17	0.96	14%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	13.300	0.42000	9.4488	2.7618	1.5042	17	1.39	20%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	21.000	4.0000	9.4488	2.7618	1.5042	17	4.18	61%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	1.4300	0.00000	7.4360	3.6946	1.3950	15	-1.63	40%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	4.5000	1.0000	7.4360	3.6946	1.3950	15	-0.79	20%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	4.7500	1.5000	7.4360	3.6946	1.3950	15	-0.73	18%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	5.0000	0.00000	7.4360	3.6946	1.3950	15	-0.66	16%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	5.1600	1.5200	7.4360	3.6946	1.3950	15	-0.62	15%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	5.7095	0.00100	7.4360	3.6946	1.3950	15	-0.47	12%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	5.7600	0.12000	7.4360	3.6946	1.3950	15	-0.45	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	6.5000	1.0000	7.4360	3.6946	1.3950	15	-0.25	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	7.2500	0.10000	7.4360	3.6946	1.3950	15	-0.05	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	8.7280	2.0040	7.4360	3.6946	1.3950	15	0.35	9%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	8.8500	1.7000	7.4360	3.6946	1.3950	15	0.38	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	10.835	3.3300	7.4360	3.6946	1.3950	15	0.92	23%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	11.750	4.3000	7.4360	3.6946	1.3950	15	1.17	29%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	11.875	0.35000	7.4360	3.6946	1.3950	15	1.20	30%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	13.800	4.0000	7.4360	3.6946	1.3950	15	1.72	43%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	30.500	23.000	7.4360	3.6946	1.3950	15	6.24	155%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	1.8750	1.7300	8.4982	4.1950	1.4698	20	-1.58	39%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	3.0000	0.00000	8.4982	4.1950	1.4698	20	-1.31	32%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	4.3050	0.39000	8.4982	4.1950	1.4698	20	-1.00	25%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	5.3970	0.85600	8.4982	4.1950	1.4698	20	-0.74	18%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	5.5550	0.19000	8.4982	4.1950	1.4698	20	-0.70	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	6.0000	4.0000	8.4982	4.1950	1.4698	20	-0.60	15%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	6.5000	1.0000	8.4982	4.1950	1.4698	20	-0.48	12%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	6.5000	3.0000	8.4982	4.1950	1.4698	20	-0.48	12%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	7.7200	1.9600	8.4982	4.1950	1.4698	20	-0.19	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	7.7700	0.14000	8.4982	4.1950	1.4698	20	-0.17	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	9.0000	0.00000	8.4982	4.1950	1.4698	20	0.12	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	9.5000	3.0000	8.4982	4.1950	1.4698	20	0.24	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	9.7500	1.9000	8.4982	4.1950	1.4698	20	0.30	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	10.000	0.00000	8.4982	4.1950	1.4698	20	0.36	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	10.000	2.0000	8.4982	4.1950	1.4698	20	0.36	9%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	10.980	0.78000	8.4982	4.1950	1.4698	20	0.59	15%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	11.700	1.6000	8.4982	4.1950	1.4698	20	0.76	19%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	14.500	3.0000	8.4982	4.1950	1.4698	20	1.43	35%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	28.676	1.2201	8.4982	4.1950	1.4698	20	4.81	119%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	30.455	2.6300	8.4982	4.1950	1.4698	20	5.23	129%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	10.800	0.80000				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	12.045	4.1900				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	7.3350	0.13000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	9.4700	10.260				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	9.7850	5.8300				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	4.6850	1.8700				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2033	11.100	0.00000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	2.8150	0.45000				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	6.1800	1.5400				3			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	8.1100	1.0200				3			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0160	5.6950	0.39000				1			0
024.53	Iodine, ICP-MS, Microwave (mg / kg (ppm))	0668	5.0050	0.43000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	117.90	10.800	195.15	32.790	16.501	14	-2.36	20%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	156.58	8.4390	195.15	32.790	16.501	14	-1.18	10%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	159.50	13.000	195.15	32.790	16.501	14	-1.09	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	167.36	1.2200	195.15	32.790	16.501	14	-0.85	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	180.00	34.000	195.15	32.790	16.501	14	-0.46	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	189.63	43.990	195.15	32.790	16.501	14	-0.17	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2161	201.00	2.0000	195.15	32.790	16.501	14	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	207.50	51.000	195.15	32.790	16.501	14	0.38	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	212.50	25.000	195.15	32.790	16.501	14	0.53	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	213.05	2.3000	195.15	32.790	16.501	14	0.55	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	2022	214.00	4.0000	195.15	32.790	16.501	14	0.57	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0904	217.29	16.230	195.15	32.790	16.501	14	0.68	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0066	231.72	11.032	195.15	32.790	16.501	14	1.12	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	236.00	8.0000	195.15	32.790	16.501	14	1.25	10%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	184.90	21.800	230.43	79.870	8.5000	4	-0.93	1%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0656	189.81	0.20000	230.43	79.870	8.5000	4	-0.12	0%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	197.00	12.000	230.43	79.870	8.5000	4	1.06	2%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	350.00	0.00000	230.43	79.870	8.5000	4	26.20	42%	0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0035	156.50	11.000				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	207.45	2.4770				2			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	3.8500	0.30000	181.14	22.976	11.346	19	-7.72	49%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	106.42	6.4200	181.14	22.976	11.346	19	-3.25	21%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	118.10	4.8000	181.14	22.976	11.346	19	-2.74	17%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0878	164.50	7.0000	181.14	22.976	11.346	19	-0.72	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2108	167.91	5.4500	181.14	22.976	11.346	19	-0.58	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	170.50	3.0000	181.14	22.976	11.346	19	-0.46	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	171.50	11.000	181.14	22.976	11.346	19	-0.42	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	180.15	31.300	181.14	22.976	11.346	19	-0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	180.50	5.0000	181.14	22.976	11.346	19	-0.03	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	181.60	49.800	181.14	22.976	11.346	19	0.02	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	184.00	20.000	181.14	22.976	11.346	19	0.12	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	189.25	0.90000	181.14	22.976	11.346	19	0.35	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	193.50	13.000	181.14	22.976	11.346	19	0.54	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	197.50	9.0000	181.14	22.976	11.346	19	0.71	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	199.80	6.8000	181.14	22.976	11.346	19	0.81	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	203.95	4.0818	181.14	22.976	11.346	19	0.99	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	204.94	8.7900	181.14	22.976	11.346	19	1.04	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	206.00	12.000	181.14	22.976	11.346	19	1.08	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	206.01	16.940	181.14	22.976	11.346	19	1.08	7%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	187.72	83.130	181.14	22.976	11.346	19	0.29	2%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	127.00	52.400	172.77	56.752	30.005	16	-0.81	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	128.45	6.9000	172.77	56.752	30.005	16	-0.78	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	131.50	45.000	172.77	56.752	30.005	16	-0.73	12%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	135.80	3.6000	172.77	56.752	30.005	16	-0.65	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	137.25	43.300	172.77	56.752	30.005	16	-0.63	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	141.00	28.000	172.77	56.752	30.005	16	-0.56	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	141.50	5.0000	172.77	56.752	30.005	16	-0.55	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	142.50	47.000	172.77	56.752	30.005	16	-0.53	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0160	146.00	48.000	172.77	56.752	30.005	16	-0.47	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	155.34	18.520	172.77	56.752	30.005	16	-0.31	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	176.50	59.000	172.77	56.752	30.005	16	0.07	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	205.50	27.000	172.77	56.752	30.005	16	0.58	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	222.72	7.3600	172.77	56.752	30.005	16	0.88	14%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	257.50	53.000	172.77	56.752	30.005	16	1.49	25%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	273.50	23.000	172.77	56.752	30.005	16	1.77	29%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	302.50	13.000	172.77	56.752	30.005	16	2.29	38%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	86.300	7.6000	162.88	39.445	15.663	21	-1.94	24%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	106.00	2.0000	162.88	39.445	15.663	21	-1.44	17%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	119.00	4.0000	162.88	39.445	15.663	21	-1.11	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	119.50	7.0000	162.88	39.445	15.663	21	-1.10	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	120.50	11.000	162.88	39.445	15.663	21	-1.07	13%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	133.50	17.000	162.88	39.445	15.663	21	-0.74	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0043	141.00	0.00000	162.88	39.445	15.663	21	-0.55	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2033	150.00	0.00000	162.88	39.445	15.663	21	-0.33	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	162.35	0.70000	162.88	39.445	15.663	21	-0.01	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	168.18	8.6100	162.88	39.445	15.663	21	0.13	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	168.50	9.0000	162.88	39.445	15.663	21	0.14	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	172.50	63.000	162.88	39.445	15.663	21	0.24	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	181.50	19.000	162.88	39.445	15.663	21	0.47	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	187.55	47.940	162.88	39.445	15.663	21	0.63	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	189.50	1.0000	162.88	39.445	15.663	21	0.67	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	189.70	15.800	162.88	39.445	15.663	21	0.68	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	191.30	29.200	162.88	39.445	15.663	21	0.72	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0512	194.60	62.400	162.88	39.445	15.663	21	0.80	10%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	199.00	0.00000	162.88	39.445	15.663	21	0.92	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	210.00	0.00000	162.88	39.445	15.663	21	1.19	14%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	212.65	23.670	162.88	39.445	15.663	21	1.26	15%	0
025.51	Iron, ICP-MS, Dry ash (mg / kg (ppm))	2146	196.90	18.800				1			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	120.00	92.000				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	133.72	11.590				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2066	154.00	0.00000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	224.00	30.000				1			0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.11050	0.00500	0.12331	0.00544	0.00242	19	-2.36	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.11680	0.00000	0.12331	0.00544	0.00242	19	-1.20	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.11805	0.00330	0.12331	0.00544	0.00242	19	-0.97	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.11950	0.00320	0.12331	0.00544	0.00242	19	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.12000	0.00000	0.12331	0.00544	0.00242	19	-0.61	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.12000	0.00000	0.12331	0.00544	0.00242	19	-0.61	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0689	0.12000	0.00000	0.12331	0.00544	0.00242	19	-0.61	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.12000	0.00000	0.12331	0.00544	0.00242	19	-0.61	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.12180	0.00340	0.12331	0.00544	0.00242	19	-0.28	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.12300	0.00400	0.12331	0.00544	0.00242	19	-0.06	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.12500	0.00400	0.12331	0.00544	0.00242	19	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.12500	0.00200	0.12331	0.00544	0.00242	19	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.12500	0.01000	0.12331	0.00544	0.00242	19	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.12500	0.01000	0.12331	0.00544	0.00242	19	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.12900	0.00000	0.12331	0.00544	0.00242	19	1.05	2%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.12950	0.00100	0.12331	0.00544	0.00242	19	1.14	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.13000	0.00000	0.12331	0.00544	0.00242	19	1.23	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	0904	0.13000	0.00000	0.12331	0.00544	0.00242	19	1.23	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2161	0.13000	0.00000	0.12331	0.00544	0.00242	19	1.23	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.11950	0.00100	0.12413	0.00733	0.00475	4	-0.63	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.12000	0.00000	0.12413	0.00733	0.00475	4	-0.56	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.12200	0.00800	0.12413	0.00733	0.00475	4	-0.29	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.13500	0.01000	0.12413	0.00733	0.00475	4	1.48	4%	0
027.33	Magnesium, AAS, Microwave (%)	0504	0.11050	0.00300				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.12000	0.00000				3			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.12800	0.00200				3			0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.01500	0.01000	0.12071	0.01054	0.00319	19	-10.03	44%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.10750	0.00500	0.12071	0.01054	0.00319	19	-1.25	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.11000	0.00000	0.12071	0.01054	0.00319	19	-1.02	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.11000	0.00000	0.12071	0.01054	0.00319	19	-1.02	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.11305	0.00090	0.12071	0.01054	0.00319	19	-0.73	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.11650	0.00100	0.12071	0.01054	0.00319	19	-0.40	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.11950	0.00100	0.12071	0.01054	0.00319	19	-0.11	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.12000	0.00000	0.12071	0.01054	0.00319	19	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.12000	0.00000	0.12071	0.01054	0.00319	19	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0878	0.12000	0.00000	0.12071	0.01054	0.00319	19	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.12000	0.00000	0.12071	0.01054	0.00319	19	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.12100	0.00000	0.12071	0.01054	0.00319	19	0.03	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.12350	0.00300	0.12071	0.01054	0.00319	19	0.26	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.12500	0.01000	0.12071	0.01054	0.00319	19	0.41	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.12500	0.01000	0.12071	0.01054	0.00319	19	0.41	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.13000	0.00000	0.12071	0.01054	0.00319	19	0.88	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.13450	0.00700	0.12071	0.01054	0.00319	19	1.31	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.13740	0.01020	0.12071	0.01054	0.00319	19	1.58	7%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.29175	0.00250	0.12071	0.01054	0.00319	19	16.23	71%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.11000	0.02000	0.12412	0.00933	0.00521	19	-1.51	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.11470	0.00200	0.12412	0.00933	0.00521	19	-1.01	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.11500	0.01000	0.12412	0.00933	0.00521	19	-0.98	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.11850	0.00040	0.12412	0.00933	0.00521	19	-0.60	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.11885	0.00090	0.12412	0.00933	0.00521	19	-0.56	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.12000	0.00000	0.12412	0.00933	0.00521	19	-0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.12000	0.00000	0.12412	0.00933	0.00521	19	-0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.12000	0.00000	0.12412	0.00933	0.00521	19	-0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.12000	0.00000	0.12412	0.00933	0.00521	19	-0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.12350	0.01100	0.12412	0.00933	0.00521	19	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.12500	0.01000	0.12412	0.00933	0.00521	19	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.12500	0.01000	0.12412	0.00933	0.00521	19	0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.12500	0.01000	0.12412	0.00933	0.00521	19	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0186	0.12550	0.00100	0.12412	0.00933	0.00521	19	0.15	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.12770	0.00020	0.12412	0.00933	0.00521	19	0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.13500	0.01000	0.12412	0.00933	0.00521	19	1.17	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.14500	0.01200	0.12412	0.00933	0.00521	19	2.24	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.15250	0.00100	0.12412	0.00933	0.00521	19	3.04	11%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.15455	0.00050	0.12412	0.00933	0.00521	19	3.26	12%	0
027.42	Magnesium, ICP, Open vessel (%)	0160	0.13705	0.04910	0.12412	0.00933	0.00521	19	1.39	5%	1
027.43	Magnesium, ICP, Microwave (%)	0017	0.09000	0.00000	0.12245	0.01354	0.00455	24	-2.40	13%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.10500	0.01000	0.12245	0.01354	0.00455	24	-1.29	7%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.10550	0.00300	0.12245	0.01354	0.00455	24	-1.25	7%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.10900	0.00200	0.12245	0.01354	0.00455	24	-0.99	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.11000	0.00000	0.12245	0.01354	0.00455	24	-0.92	5%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.11500	0.01000	0.12245	0.01354	0.00455	24	-0.55	3%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.11550	0.00500	0.12245	0.01354	0.00455	24	-0.51	3%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.11610	0.00240	0.12245	0.01354	0.00455	24	-0.47	3%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.11635	0.01490	0.12245	0.01354	0.00455	24	-0.45	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.12000	0.00000	0.12245	0.01354	0.00455	24	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.12000	0.00000	0.12245	0.01354	0.00455	24	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.12000	0.00000	0.12245	0.01354	0.00455	24	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.12000	0.00000	0.12245	0.01354	0.00455	24	-0.18	1%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.12200	0.00600	0.12245	0.01354	0.00455	24	-0.03	0%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.12400	0.00400	0.12245	0.01354	0.00455	24	0.11	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.12500	0.01000	0.12245	0.01354	0.00455	24	0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.13000	0.00400	0.12245	0.01354	0.00455	24	0.56	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.13500	0.01000	0.12245	0.01354	0.00455	24	0.93	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.13500	0.01000	0.12245	0.01354	0.00455	24	0.93	5%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.13500	0.01000	0.12245	0.01354	0.00455	24	0.93	5%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.13540	0.00680	0.12245	0.01354	0.00455	24	0.96	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.14000	0.00000	0.12245	0.01354	0.00455	24	1.30	7%	0
027.43	Magnesium, ICP, Microwave (%)	2033	0.14000	0.00000	0.12245	0.01354	0.00455	24	1.30	7%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.15950	0.00100	0.12245	0.01354	0.00455	24	2.74	15%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.12300	0.03000	0.12245	0.01354	0.00455	24	0.04	0%	1
027.44	Magnesium, ICP, Dry ash (%)	0955	0.11650	0.00300				3			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.12400	0.00000				3			0
027.44	Magnesium, ICP, Dry ash (%)	2108	0.13500	0.01000				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.11400	0.00800				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.11700	0.00480				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.12500	0.00400				1			0
027.99	Magnesium, Miscellaneous (%)	0590	0.12000	0.00000				2			0
027.99	Magnesium, Miscellaneous (%)	0100	0.14000	0.00000				2			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	38.500	5.0000	46.547	5.4120	2.8433	12	-1.49	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	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	41.050	3.7000	46.547	5.4120	2.8433	12	-1.02	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2161	43.800	1.6000	46.547	5.4120	2.8433	12	-0.51	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	44.300	0.00000	46.547	5.4120	2.8433	12	-0.42	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	44.600	3.6000	46.547	5.4120	2.8433	12	-0.36	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	44.700	0.04000	46.547	5.4120	2.8433	12	-0.34	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	46.690	0.38000	46.547	5.4120	2.8433	12	0.03	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0656	47.731	4.1085	46.547	5.4120	2.8433	12	0.22	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	47.885	1.5570	46.547	5.4120	2.8433	12	0.25	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	52.240	2.6000	46.547	5.4120	2.8433	12	1.05	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	52.400	2.7800	46.547	5.4120	2.8433	12	1.08	6%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	54.752	8.7539	46.547	5.4120	2.8433	12	1.52	9%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	45.000	4.0000	51.480	5.2174	3.2650	4	-1.24	6%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	50.420	2.0600	51.480	5.2174	3.2650	4	-0.20	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	53.000	2.0000	51.480	5.2174	3.2650	4	0.29	1%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	57.500	5.0000	51.480	5.2174	3.2650	4	1.15	6%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0035	47.000	2.0000				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	50.992	0.73900				2			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	2.3500	0.10000	44.319	6.4400	3.0983	18	-6.52	47%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	36.370	2.6000	44.319	6.4400	3.0983	18	-1.23	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	37.850	0.70000	44.319	6.4400	3.0983	18	-1.00	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	39.365	11.570	44.319	6.4400	3.0983	18	-0.77	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	39.990	1.0000	44.319	6.4400	3.0983	18	-0.67	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	40.790	2.1200	44.319	6.4400	3.0983	18	-0.55	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0878	42.000	0.00000	44.319	6.4400	3.0983	18	-0.36	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	42.500	1.0000	44.319	6.4400	3.0983	18	-0.28	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	43.500	1.0000	44.319	6.4400	3.0983	18	-0.13	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	45.500	7.0000	44.319	6.4400	3.0983	18	0.18	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	45.635	0.49000	44.319	6.4400	3.0983	18	0.20	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	45.870	6.1800	44.319	6.4400	3.0983	18	0.24	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	46.996	2.4193	44.319	6.4400	3.0983	18	0.42	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	48.555	3.4700	44.319	6.4400	3.0983	18	0.66	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	49.500	1.0000	44.319	6.4400	3.0983	18	0.80	6%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	50.700	2.0000	44.319	6.4400	3.0983	18	0.99	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	54.420	1.1200	44.319	6.4400	3.0983	18	1.57	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	57.000	12.000	44.319	6.4400	3.0983	18	1.97	14%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	38.150	11.300	46.999	6.1060	4.0915	19	-1.45	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	39.565	0.13000	46.999	6.1060	4.0915	19	-1.22	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	40.140	0.02000	46.999	6.1060	4.0915	19	-1.12	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	42.000	2.0000	46.999	6.1060	4.0915	19	-0.82	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	42.421	5.7280	46.999	6.1060	4.0915	19	-0.75	5%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	43.700	2.4000	46.999	6.1060	4.0915	19	-0.54	4%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	45.300	2.6000	46.999	6.1060	4.0915	19	-0.28	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	45.560	11.520	46.999	6.1060	4.0915	19	-0.24	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	46.000	4.0000	46.999	6.1060	4.0915	19	-0.16	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	46.200	0.60000	46.999	6.1060	4.0915	19	-0.13	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	47.120	0.22000	46.999	6.1060	4.0915	19	0.02	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	47.730	0.10000	46.999	6.1060	4.0915	19	0.12	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0160	49.100	13.600	46.999	6.1060	4.0915	19	0.34	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	49.500	1.0000	46.999	6.1060	4.0915	19	0.41	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	51.000	4.0000	46.999	6.1060	4.0915	19	0.66	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	54.000	2.0000	46.999	6.1060	4.0915	19	1.15	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	54.600	9.6000	46.999	6.1060	4.0915	19	1.24	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	54.740	2.9200	46.999	6.1060	4.0915	19	1.27	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	67.000	4.0000	46.999	6.1060	4.0915	19	3.28	21%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	33.000	4.0000	48.765	5.0146	4.1429	21	-3.14	16%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	40.500	3.0000	48.765	5.0146	4.1429	21	-1.65	8%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0512	42.675	2.8700	48.765	5.0146	4.1429	21	-1.21	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	44.150	0.90000	48.765	5.0146	4.1429	21	-0.92	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	45.000	0.00000	48.765	5.0146	4.1429	21	-0.75	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	45.275	3.6300	48.765	5.0146	4.1429	21	-0.70	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	46.500	7.0000	48.765	5.0146	4.1429	21	-0.45	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	46.850	2.3000	48.765	5.0146	4.1429	21	-0.38	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	48.500	5.0000	48.765	5.0146	4.1429	21	-0.05	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	48.500	1.0000	48.765	5.0146	4.1429	21	-0.05	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	49.460	0.56000	48.765	5.0146	4.1429	21	0.14	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	50.100	11.400	48.765	5.0146	4.1429	21	0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	50.145	9.0500	48.765	5.0146	4.1429	21	0.28	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	50.500	1.0000	48.765	5.0146	4.1429	21	0.35	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	50.695	2.9900	48.765	5.0146	4.1429	21	0.38	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	51.621	8.5004	48.765	5.0146	4.1429	21	0.57	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	52.550	12.100	48.765	5.0146	4.1429	21	0.75	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	52.770	1.4000	48.765	5.0146	4.1429	21	0.80	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	54.500	3.0000	48.765	5.0146	4.1429	21	1.14	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	55.500	3.0000	48.765	5.0146	4.1429	21	1.34	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	66.350	4.3000	48.765	5.0146	4.1429	21	3.51	18%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	55.300	8.0000				1			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	42.215	4.5500				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	54.850	3.7000				1			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	56.450	4.7000				1			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	49.500	3.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	57.000	8.0000				2			0
031.00	Phosphorus, Vol (%)	0893	0.69800	0.00000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.00	Phosphorus, Vol (%)	0895	0.77500	0.01000				2			0
031.01	Phosphorus, Photometric (%)	0108	0.67000	0.02000	0.76295	0.02708	0.01177	46	-3.43	6%	0
031.01	Phosphorus, Photometric (%)	0622	0.67965	0.00430	0.76295	0.02708	0.01177	46	-3.08	5%	0
031.01	Phosphorus, Photometric (%)	0689	0.70000	0.02000	0.76295	0.02708	0.01177	46	-2.32	4%	0
031.01	Phosphorus, Photometric (%)	0940	0.70000	0.00000	0.76295	0.02708	0.01177	46	-2.32	4%	0
031.01	Phosphorus, Photometric (%)	0874	0.70115	0.00090	0.76295	0.02708	0.01177	46	-2.28	4%	0
031.01	Phosphorus, Photometric (%)	0885	0.73995	0.00490	0.76295	0.02708	0.01177	46	-0.85	2%	0
031.01	Phosphorus, Photometric (%)	0849	0.74150	0.00300	0.76295	0.02708	0.01177	46	-0.79	1%	0
031.01	Phosphorus, Photometric (%)	0596	0.74500	0.01000	0.76295	0.02708	0.01177	46	-0.66	1%	0
031.01	Phosphorus, Photometric (%)	0683	0.74500	0.05000	0.76295	0.02708	0.01177	46	-0.66	1%	0
031.01	Phosphorus, Photometric (%)	2009	0.74540	0.00840	0.76295	0.02708	0.01177	46	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	0208	0.74650	0.00500	0.76295	0.02708	0.01177	46	-0.61	1%	0
031.01	Phosphorus, Photometric (%)	0142	0.74655	0.00270	0.76295	0.02708	0.01177	46	-0.61	1%	0
031.01	Phosphorus, Photometric (%)	0674	0.75000	0.00000	0.76295	0.02708	0.01177	46	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	2022	0.75000	0.00000	0.76295	0.02708	0.01177	46	-0.48	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.75050	0.02100	0.76295	0.02708	0.01177	46	-0.46	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0354	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0590	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0656	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0897	0.75500	0.03000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0903	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	2144	0.75500	0.01000	0.76295	0.02708	0.01177	46	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0653	0.75800	0.00200	0.76295	0.02708	0.01177	46	-0.18	0%	0
031.01	Phosphorus, Photometric (%)	0563	0.75945	0.00410	0.76295	0.02708	0.01177	46	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	0626	0.76150	0.00100	0.76295	0.02708	0.01177	46	-0.05	0%	0
031.01	Phosphorus, Photometric (%)	2062	0.76405	0.00130	0.76295	0.02708	0.01177	46	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0233	0.76500	0.01000	0.76295	0.02708	0.01177	46	0.08	0%	0
031.01	Phosphorus, Photometric (%)	0629	0.76500	0.01000	0.76295	0.02708	0.01177	46	0.08	0%	0
031.01	Phosphorus, Photometric (%)	2093	0.76625	0.00290	0.76295	0.02708	0.01177	46	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0035	0.77000	0.02000	0.76295	0.02708	0.01177	46	0.26	0%	0
031.01	Phosphorus, Photometric (%)	0646	0.77500	0.01000	0.76295	0.02708	0.01177	46	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0650	0.77500	0.03000	0.76295	0.02708	0.01177	46	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.77500	0.05000	0.76295	0.02708	0.01177	46	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0878	0.77500	0.01000	0.76295	0.02708	0.01177	46	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0948	0.77500	0.01000	0.76295	0.02708	0.01177	46	0.44	1%	0
031.01	Phosphorus, Photometric (%)	2109	0.77700	0.00200	0.76295	0.02708	0.01177	46	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0066	0.77850	0.00900	0.76295	0.02708	0.01177	46	0.57	1%	0
031.01	Phosphorus, Photometric (%)	0881	0.78400	0.00400	0.76295	0.02708	0.01177	46	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.79000	0.02000	0.76295	0.02708	0.01177	46	1.00	2%	0
031.01	Phosphorus, Photometric (%)	0016	0.80450	0.00500	0.76295	0.02708	0.01177	46	1.53	3%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0609	0.82000	0.00000	0.76295	0.02708	0.01177	46	2.11	4%	0
031.01	Phosphorus, Photometric (%)	0511	0.83000	0.00000	0.76295	0.02708	0.01177	46	2.48	4%	0
031.01	Phosphorus, Photometric (%)	0194	0.84500	0.01000	0.76295	0.02708	0.01177	46	3.03	5%	0
031.01	Phosphorus, Photometric (%)	0904	0.86500	0.05000	0.76295	0.02708	0.01177	46	3.77	7%	0
031.01	Phosphorus, Photometric (%)	2068	0.91000	0.02000	0.76295	0.02708	0.01177	46	5.43	10%	0
031.01	Phosphorus, Photometric (%)	0152	1.0000	0.02000	0.76295	0.02708	0.01177	46	8.75	16%	0
031.01	Phosphorus, Photometric (%)	0623	0.76590	0.09200	0.76295	0.02708	0.01177	46	0.11	0%	1
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	0.77000	0.00000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.79500	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.79500	0.01000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.75000	0.00000	0.76836	0.01417	0.00768	4	-1.30	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.76550	0.01900	0.76836	0.01417	0.00768	4	-0.20	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.77500	0.01000	0.76836	0.01417	0.00768	4	0.47	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.78295	0.00170	0.76836	0.01417	0.00768	4	1.03	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.63000	0.00000	0.76503	0.04367	0.01440	22	-3.09	9%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.71500	0.01000	0.76503	0.04367	0.01440	22	-1.15	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.72000	0.02000	0.76503	0.04367	0.01440	22	-1.03	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.72350	0.00100	0.76503	0.04367	0.01440	22	-0.95	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.73500	0.01000	0.76503	0.04367	0.01440	22	-0.69	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.74000	0.02000	0.76503	0.04367	0.01440	22	-0.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.74000	0.08000	0.76503	0.04367	0.01440	22	-0.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.74100	0.01400	0.76503	0.04367	0.01440	22	-0.55	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.74950	0.00300	0.76503	0.04367	0.01440	22	-0.36	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	0.75000	0.00000	0.76503	0.04367	0.01440	22	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.76000	0.00000	0.76503	0.04367	0.01440	22	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.76500	0.01000	0.76503	0.04367	0.01440	22	0.00	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.76850	0.06100	0.76503	0.04367	0.01440	22	0.08	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0089	0.77000	0.00000	0.76503	0.04367	0.01440	22	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.77000	0.02000	0.76503	0.04367	0.01440	22	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.79000	0.00000	0.76503	0.04367	0.01440	22	0.57	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.80000	0.02000	0.76503	0.04367	0.01440	22	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.80000	0.00000	0.76503	0.04367	0.01440	22	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.80200	0.01800	0.76503	0.04367	0.01440	22	0.85	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.86595	0.01610	0.76503	0.04367	0.01440	22	2.31	7%	0
031.41	Phosphorus, ICP, Dry ash (%)	0610	0.88500	0.01000	0.76503	0.04367	0.01440	22	2.75	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.88680	0.00380	0.76503	0.04367	0.01440	22	2.79	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	7.5500	0.10000	0.76503	0.04367	0.01440	22	155.38	443%	2
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.61500	0.03000	0.76875	0.04904	0.01783	23	-3.14	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.65600	0.01200	0.76875	0.04904	0.01783	23	-2.30	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.68500	0.03000	0.76875	0.04904	0.01783	23	-1.71	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.73500	0.05000	0.76875	0.04904	0.01783	23	-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	
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.73500	0.01000	0.76875	0.04904	0.01783	23	-0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.74000	0.04000	0.76875	0.04904	0.01783	23	-0.59	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.74275	0.01110	0.76875	0.04904	0.01783	23	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.74650	0.04100	0.76875	0.04904	0.01783	23	-0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.75565	0.00470	0.76875	0.04904	0.01783	23	-0.27	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0160	0.76580	0.00040	0.76875	0.04904	0.01783	23	-0.06	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.77000	0.02000	0.76875	0.04904	0.01783	23	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.77000	0.01400	0.76875	0.04904	0.01783	23	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.77000	0.00200	0.76875	0.04904	0.01783	23	0.03	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.77500	0.04000	0.76875	0.04904	0.01783	23	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.78000	0.04000	0.76875	0.04904	0.01783	23	0.23	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.78250	0.01900	0.76875	0.04904	0.01783	23	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.79300	0.00600	0.76875	0.04904	0.01783	23	0.49	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.80000	0.00000	0.76875	0.04904	0.01783	23	0.64	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	0.80235	0.00330	0.76875	0.04904	0.01783	23	0.69	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.80750	0.01620	0.76875	0.04904	0.01783	23	0.79	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.84000	0.02000	0.76875	0.04904	0.01783	23	1.45	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.84965	0.00030	0.76875	0.04904	0.01783	23	1.65	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.88000	0.00000	0.76875	0.04904	0.01783	23	2.27	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	0.63500	0.05000	0.77714	0.03594	0.01513	26	-3.95	9%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.71000	0.04000	0.77714	0.03594	0.01513	26	-1.87	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.73500	0.01000	0.77714	0.03594	0.01513	26	-1.17	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.74000	0.00000	0.77714	0.03594	0.01513	26	-1.03	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	0.74500	0.01000	0.77714	0.03594	0.01513	26	-0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.74500	0.01800	0.77714	0.03594	0.01513	26	-0.89	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.75500	0.01000	0.77714	0.03594	0.01513	26	-0.62	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.76000	0.00000	0.77714	0.03594	0.01513	26	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.76000	0.00000	0.77714	0.03594	0.01513	26	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.77050	0.00300	0.77714	0.03594	0.01513	26	-0.18	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	0.77175	0.02730	0.77714	0.03594	0.01513	26	-0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.77500	0.01000	0.77714	0.03594	0.01513	26	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.77620	0.09200	0.77714	0.03594	0.01513	26	-0.03	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.77700	0.00200	0.77714	0.03594	0.01513	26	0.00	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.78000	0.02000	0.77714	0.03594	0.01513	26	0.08	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.78170	0.00080	0.77714	0.03594	0.01513	26	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	0.78500	0.01000	0.77714	0.03594	0.01513	26	0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.79000	0.00000	0.77714	0.03594	0.01513	26	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.79500	0.01200	0.77714	0.03594	0.01513	26	0.50	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	0.79900	0.02000	0.77714	0.03594	0.01513	26	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.80000	0.00000	0.77714	0.03594	0.01513	26	0.64	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.80250	0.00100	0.77714	0.03594	0.01513	26	0.71	2%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0345	0.82650	0.00500	0.77714	0.03594	0.01513	26	1.37	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.82695	0.03090	0.77714	0.03594	0.01513	26	1.39	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.83140	0.01140	0.77714	0.03594	0.01513	26	1.51	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.83500	0.01000	0.77714	0.03594	0.01513	26	1.61	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.60595	0.25210	0.77714	0.03594	0.01513	26	-4.76	11%	1
031.44	Phosphorus, ICP, Dry ash (%)	2108	0.69170	0.00340				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.72250	0.01100				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.79050	0.00500				3			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.77400	0.01800				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.76525	0.02490				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.76700	0.01800				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	0.77280	0.02720				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.79950	0.04500				2			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.72500	0.01000				3			0
031.99	Phosphorus, Miscellaneous (%)	2161	0.81000	0.00000				3			0
031.99	Phosphorus, Miscellaneous (%)	0852	0.81500	0.01000				3			0
032.02	Potassium, Flame Emission (%)	0504	2.0600	0.00000				2			0
032.02	Potassium, Flame Emission (%)	0881	2.0740	0.02600				2			0
032.31	Potassium, AAS, Dry ash (%)	0689	1.5700	0.00000	2.0595	0.18305	0.05089	20	-2.67	12%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.8682	0.05950	2.0595	0.18305	0.05089	20	-1.05	5%	0
032.31	Potassium, AAS, Dry ash (%)	2022	1.8865	0.00300	2.0595	0.18305	0.05089	20	-0.95	4%	0
032.31	Potassium, AAS, Dry ash (%)	0874	1.9000	0.08000	2.0595	0.18305	0.05089	20	-0.87	4%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.9250	0.05000	2.0595	0.18305	0.05089	20	-0.73	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.9600	0.02000	2.0595	0.18305	0.05089	20	-0.54	2%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.9700	0.04000	2.0595	0.18305	0.05089	20	-0.49	2%	0
032.31	Potassium, AAS, Dry ash (%)	0904	1.9700	0.06000	2.0595	0.18305	0.05089	20	-0.49	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	2.0250	0.05000	2.0595	0.18305	0.05089	20	-0.19	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	2.0350	0.01000	2.0595	0.18305	0.05089	20	-0.13	1%	0
032.31	Potassium, AAS, Dry ash (%)	0354	2.0400	0.00000	2.0595	0.18305	0.05089	20	-0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0175	2.0700	0.06000	2.0595	0.18305	0.05089	20	0.06	0%	0
032.31	Potassium, AAS, Dry ash (%)	0038	2.0800	0.00000	2.0595	0.18305	0.05089	20	0.11	0%	0
032.31	Potassium, AAS, Dry ash (%)	0650	2.1170	0.11800	2.0595	0.18305	0.05089	20	0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	2.1515	0.14100	2.0595	0.18305	0.05089	20	0.50	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	2.1700	0.00000	2.0595	0.18305	0.05089	20	0.60	3%	0
032.31	Potassium, AAS, Dry ash (%)	0683	2.2350	0.25000	2.0595	0.18305	0.05089	20	0.96	4%	0
032.31	Potassium, AAS, Dry ash (%)	0066	2.3420	0.02000	2.0595	0.18305	0.05089	20	1.54	7%	0
032.31	Potassium, AAS, Dry ash (%)	0563	2.5066	0.00630	2.0595	0.18305	0.05089	20	2.44	11%	0
032.31	Potassium, AAS, Dry ash (%)	2161	3.6250	0.05000	2.0595	0.18305	0.05089	20	8.55	38%	0
032.31	Potassium, AAS, Dry ash (%)	0921	1.7660	0.42800	2.0595	0.18305	0.05089	20	-1.60	7%	1
032.32	Potassium, AAS, Open vessel (%)	0169	1.9250	0.03000				3			0
032.32	Potassium, AAS, Open vessel (%)	0035	2.1000	0.00000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.32	Potassium, AAS, Open vessel (%)	0609	2.4000	0.00000				3			0
032.33	Potassium, AAS, Microwave (%)	0035	2.1500	0.00000				1			0
032.41	Potassium, ICP, Dry ash (%)	0405	0.19500	0.01000	2.0122	0.12759	0.05600	20	-14.24	45%	0
032.41	Potassium, ICP, Dry ash (%)	0139	1.3025	0.02500	2.0122	0.12759	0.05600	20	-5.56	18%	0
032.41	Potassium, ICP, Dry ash (%)	0003	1.9000	0.14000	2.0122	0.12759	0.05600	20	-0.88	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.9050	0.07000	2.0122	0.12759	0.05600	20	-0.84	3%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.9225	0.00300	2.0122	0.12759	0.05600	20	-0.70	2%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.9350	0.03000	2.0122	0.12759	0.05600	20	-0.61	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.9500	0.02000	2.0122	0.12759	0.05600	20	-0.49	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	1.9950	0.01000	2.0122	0.12759	0.05600	20	-0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0229	2.0035	0.02300	2.0122	0.12759	0.05600	20	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	2.0150	0.07000	2.0122	0.12759	0.05600	20	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0511	2.0250	0.05000	2.0122	0.12759	0.05600	20	0.10	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	2.0300	0.04000	2.0122	0.12759	0.05600	20	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0208	2.0375	0.22100	2.0122	0.12759	0.05600	20	0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0878	2.0500	0.10000	2.0122	0.12759	0.05600	20	0.30	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	2.0550	0.01000	2.0122	0.12759	0.05600	20	0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	2.0650	0.21000	2.0122	0.12759	0.05600	20	0.41	1%	0
032.41	Potassium, ICP, Dry ash (%)	0074	2.1050	0.01000	2.0122	0.12759	0.05600	20	0.73	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.2020	0.03400	2.0122	0.12759	0.05600	20	1.49	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	2.2337	0.02900	2.0122	0.12759	0.05600	20	1.74	6%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.2375	0.01500	2.0122	0.12759	0.05600	20	1.77	6%	0
032.42	Potassium, ICP, Open vessel (%)	0160	1.9545	0.09500	2.0865	0.11232	0.05062	20	-1.18	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.9700	0.12000	2.0865	0.11232	0.05062	20	-1.04	3%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.9800	0.02000	2.0865	0.11232	0.05062	20	-0.95	3%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.9824	0.00660	2.0865	0.11232	0.05062	20	-0.93	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	2.0000	0.08000	2.0865	0.11232	0.05062	20	-0.77	2%	0
032.42	Potassium, ICP, Open vessel (%)	0560	2.0323	0.00770	2.0865	0.11232	0.05062	20	-0.48	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	2.0350	0.15000	2.0865	0.11232	0.05062	20	-0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	2.0350	0.03000	2.0865	0.11232	0.05062	20	-0.46	1%	0
032.42	Potassium, ICP, Open vessel (%)	0294	2.0500	0.00000	2.0865	0.11232	0.05062	20	-0.33	1%	0
032.42	Potassium, ICP, Open vessel (%)	0187	2.0550	0.01000	2.0865	0.11232	0.05062	20	-0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	2.0695	0.00100	2.0865	0.11232	0.05062	20	-0.15	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	2.0850	0.01000	2.0865	0.11232	0.05062	20	-0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	2.1100	0.11400	2.0865	0.11232	0.05062	20	0.21	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	2.1150	0.01000	2.0865	0.11232	0.05062	20	0.25	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	2.1200	0.02000	2.0865	0.11232	0.05062	20	0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	2.1250	0.11000	2.0865	0.11232	0.05062	20	0.34	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	2.2500	0.08000	2.0865	0.11232	0.05062	20	1.46	4%	0
032.42	Potassium, ICP, Open vessel (%)	0726	2.2520	0.00800	2.0865	0.11232	0.05062	20	1.47	4%	0
032.42	Potassium, ICP, Open vessel (%)	0190	2.3000	0.08000	2.0865	0.11232	0.05062	20	1.90	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.42	Potassium, ICP, Open vessel (%)	0692	2.4000	0.06000	2.0865	0.11232	0.05062	20	2.79	8%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.7700	0.06000	2.0019	0.07841	0.04330	24	-2.96	6%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.9350	0.11000	2.0019	0.07841	0.04330	24	-0.85	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.9350	0.01000	2.0019	0.07841	0.04330	24	-0.85	2%	0
032.43	Potassium, ICP, Microwave (%)	0043	1.9400	0.02000	2.0019	0.07841	0.04330	24	-0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.9400	0.18000	2.0019	0.07841	0.04330	24	-0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.9400	0.00000	2.0019	0.07841	0.04330	24	-0.79	2%	0
032.43	Potassium, ICP, Microwave (%)	0512	1.9410	0.04200	2.0019	0.07841	0.04330	24	-0.78	2%	0
032.43	Potassium, ICP, Microwave (%)	0861	1.9500	0.02000	2.0019	0.07841	0.04330	24	-0.66	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.9550	0.05000	2.0019	0.07841	0.04330	24	-0.60	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.9726	0.09510	2.0019	0.07841	0.04330	24	-0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.9800	0.06000	2.0019	0.07841	0.04330	24	-0.28	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.9900	0.00000	2.0019	0.07841	0.04330	24	-0.15	0%	0
032.43	Potassium, ICP, Microwave (%)	0013	2.0050	0.07000	2.0019	0.07841	0.04330	24	0.04	0%	0
032.43	Potassium, ICP, Microwave (%)	0918	2.0080	0.09600	2.0019	0.07841	0.04330	24	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	2.0100	0.02000	2.0019	0.07841	0.04330	24	0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0034	2.0115	0.00500	2.0019	0.07841	0.04330	24	0.12	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	2.0150	0.05000	2.0019	0.07841	0.04330	24	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0668	2.0150	0.05000	2.0019	0.07841	0.04330	24	0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	2.0550	0.01000	2.0019	0.07841	0.04330	24	0.68	1%	0
032.43	Potassium, ICP, Microwave (%)	0425	2.0850	0.01000	2.0019	0.07841	0.04330	24	1.06	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	2.1605	0.00100	2.0019	0.07841	0.04330	24	2.02	4%	0
032.43	Potassium, ICP, Microwave (%)	0610	2.1950	0.05000	2.0019	0.07841	0.04330	24	2.46	5%	0
032.43	Potassium, ICP, Microwave (%)	0353	2.2100	0.02000	2.0019	0.07841	0.04330	24	2.65	5%	0
032.43	Potassium, ICP, Microwave (%)	2089	2.2550	0.01000	2.0019	0.07841	0.04330	24	3.23	6%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.0950	1.8100	2.0019	0.07841	0.04330	24	-11.57	23%	1
032.44	Potassium, ICP, Dry ash (%)	2108	1.5700	0.08000				3			0
032.44	Potassium, ICP, Dry ash (%)	0955	2.0100	0.14000				3			0
032.44	Potassium, ICP, Dry ash (%)	2004	2.0700	0.10000				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	2.0250	0.07000				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	2.0489	0.07150				2			0
032.53	Potassium, ICP-MS, Microwave (%)	2066	1.7000	0.00000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	2.2300	0.14000				2			0
032.99	Potassium, Miscellaneous (%)	0100	2.0700	0.02000				1			0
033.00	Salt as chloride, Sol Cl (%)	0675	1.6400	0.02000	1.7959	0.09913	0.02161	18	-1.57	4%	0
033.00	Salt as chloride, Sol Cl (%)	0893	1.6600	0.00000	1.7959	0.09913	0.02161	18	-1.37	4%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.7244	0.02940	1.7959	0.09913	0.02161	18	-0.72	2%	0
033.00	Salt as chloride, Sol Cl (%)	0897	1.7500	0.02000	1.7959	0.09913	0.02161	18	-0.46	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	1.7538	0.01970	1.7959	0.09913	0.02161	18	-0.43	1%	0
033.00	Salt as chloride, Sol Cl (%)	0504	1.7550	0.05000	1.7959	0.09913	0.02161	18	-0.41	1%	0
033.00	Salt as chloride, Sol Cl (%)	0878	1.7550	0.03000	1.7959	0.09913	0.02161	18	-0.41	1%	0



Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0045	1.7600	0.02000	1.7959	0.09913	0.02161	18	-0.36	1%	0
033.00	Salt as chloride, Sol Cl (%)	0903	1.7700	0.02000	1.7959	0.09913	0.02161	18	-0.26	1%	0
033.00	Salt as chloride, Sol Cl (%)	0895	1.7750	0.01000	1.7959	0.09913	0.02161	18	-0.21	1%	0
033.00	Salt as chloride, Sol Cl (%)	2145	1.8050	0.01000	1.7959	0.09913	0.02161	18	0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0309	1.8062	0.04050	1.7959	0.09913	0.02161	18	0.10	0%	0
033.00	Salt as chloride, Sol Cl (%)	0353	1.8150	0.01000	1.7959	0.09913	0.02161	18	0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	1.8550	0.01000	1.7959	0.09913	0.02161	18	0.60	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	1.8609	0.01730	1.7959	0.09913	0.02161	18	0.66	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.9600	0.02000	1.7959	0.09913	0.02161	18	1.66	5%	0
033.00	Salt as chloride, Sol Cl (%)	2146	1.9850	0.01000	1.7959	0.09913	0.02161	18	1.91	5%	0
033.00	Salt as chloride, Sol Cl (%)	0881	2.1860	0.05200	1.7959	0.09913	0.02161	18	3.94	11%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.4250	0.11000	1.7959	0.09913	0.02161	18	-3.74	10%	1
033.01	Salt as chloride, Poten Cl (%)	0194	1.7350	0.01000	1.8127	0.03994	0.02476	23	-1.95	2%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.7600	0.02000	1.8127	0.03994	0.02476	23	-1.32	1%	0
033.01	Salt as chloride, Poten Cl (%)	2109	1.7680	0.01000	1.8127	0.03994	0.02476	23	-1.12	1%	0
033.01	Salt as chloride, Poten Cl (%)	0425	1.7700	0.00000	1.8127	0.03994	0.02476	23	-1.07	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	1.7750	0.07000	1.8127	0.03994	0.02476	23	-0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.7800	0.06000	1.8127	0.03994	0.02476	23	-0.82	1%	0
033.01	Salt as chloride, Poten Cl (%)	0175	1.7950	0.01000	1.8127	0.03994	0.02476	23	-0.44	0%	0
033.01	Salt as chloride, Poten Cl (%)	2161	1.8000	0.08000	1.8127	0.03994	0.02476	23	-0.32	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.8045	0.02900	1.8127	0.03994	0.02476	23	-0.21	0%	0
033.01	Salt as chloride, Poten Cl (%)	0644	1.8121	0.01750	1.8127	0.03994	0.02476	23	-0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	1.8150	0.03000	1.8127	0.03994	0.02476	23	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.8150	0.01000	1.8127	0.03994	0.02476	23	0.06	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.8200	0.00000	1.8127	0.03994	0.02476	23	0.18	0%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.8225	0.01700	1.8127	0.03994	0.02476	23	0.24	0%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.8230	0.00600	1.8127	0.03994	0.02476	23	0.26	0%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.8250	0.03000	1.8127	0.03994	0.02476	23	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.8250	0.05000	1.8127	0.03994	0.02476	23	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.8250	0.05000	1.8127	0.03994	0.02476	23	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0205	1.8250	0.01000	1.8127	0.03994	0.02476	23	0.31	0%	0
033.01	Salt as chloride, Poten Cl (%)	0164	1.8650	0.01000	1.8127	0.03994	0.02476	23	1.31	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.8700	0.04000	1.8127	0.03994	0.02476	23	1.43	2%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.8850	0.01000	1.8127	0.03994	0.02476	23	1.81	2%	0
033.01	Salt as chloride, Poten Cl (%)	2146	2.0100	0.00000	1.8127	0.03994	0.02476	23	4.94	5%	0
033.01	Salt as chloride, Poten Cl (%)	0650	1.0650	0.01000	1.8127	0.03994	0.02476	23	-18.72	21%	2
033.03	Salt as chloride, Quantab (%)	0265	1.4950	0.13000				2			0
033.03	Salt as chloride, Quantab (%)	0144	1.7200	0.00000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.7600	0.00000				1			0
033.99	Salt, Miscellaneous (%)	0358	1.5900	0.00000				3			0
033.99	Salt, Miscellaneous (%)	0910	1.7850	0.17000				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	0682	1.8000	0.00000				3			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	0.54300	0.01200				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0098	0.59950	0.00100				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.44000	0.02000	0.60247	0.18383	0.05420	6	-0.88	13%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	0.46980	0.01520	0.60247	0.18383	0.05420	6	-0.72	11%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	0.52000	0.18000	0.60247	0.18383	0.05420	6	-0.45	7%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	0.63500	0.01000	0.60247	0.18383	0.05420	6	0.18	3%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0610	0.67500	0.01000	0.60247	0.18383	0.05420	6	0.39	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	0.87500	0.09000	0.60247	0.18383	0.05420	6	1.48	23%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	0.56850	0.04700				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.0000	0.00000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	0.56045	0.01730				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.0250	0.19000				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	0.49850	0.04900	0.58280	0.09127	0.06440	5	-0.92	7%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.52500	0.05000	0.58280	0.09127	0.06440	5	-0.63	5%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	0.53500	0.03000	0.58280	0.09127	0.06440	5	-0.52	4%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	0.64200	0.13000	0.58280	0.09127	0.06440	5	0.65	5%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.71350	0.06300	0.58280	0.09127	0.06440	5	1.43	11%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.61535	0.29270				2			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.72000	0.12400				2			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.63500	0.01000				2			0
035.01	Sodium, Ion-selective electrode (%)	2109	0.70200	0.02600				2			0
035.05	Sodium, Flame Emission (%)	0108	0.67000	0.08000	0.70050	0.05771	0.02850	4	-0.58	0%	0
035.05	Sodium, Flame Emission (%)	0152	0.67000	0.00000	0.70050	0.05771	0.02850	4	-0.58	0%	0
035.05	Sodium, Flame Emission (%)	0504	0.67500	0.01000	0.70050	0.05771	0.02850	4	1.15	0%	0
035.05	Sodium, Flame Emission (%)	0066	0.78700	0.02400	0.70050	0.05771	0.02850	4	39.95	9%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.57950	0.00700	0.67519	0.06481	0.02020	21	-1.48	7%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.59500	0.05000	0.67519	0.06481	0.02020	21	-1.24	6%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.60000	0.02000	0.67519	0.06481	0.02020	21	-1.16	6%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.61870	0.01000	0.67519	0.06481	0.02020	21	-0.87	4%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.63500	0.01000	0.67519	0.06481	0.02020	21	-0.62	3%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.64500	0.01000	0.67519	0.06481	0.02020	21	-0.47	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.65150	0.02100	0.67519	0.06481	0.02020	21	-0.37	2%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.65350	0.01500	0.67519	0.06481	0.02020	21	-0.33	2%	0
035.31	Sodium, AAS, Dry ash (%)	0656	0.65500	0.01000	0.67519	0.06481	0.02020	21	-0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0233	0.66500	0.01000	0.67519	0.06481	0.02020	21	-0.16	1%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.67350	0.00500	0.67519	0.06481	0.02020	21	-0.03	0%	0
035.31	Sodium, AAS, Dry ash (%)	0904	0.67500	0.03000	0.67519	0.06481	0.02020	21	0.00	0%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.68000	0.04000	0.67519	0.06481	0.02020	21	0.07	0%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.68050	0.00300	0.67519	0.06481	0.02020	21	0.08	0%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.69000	0.00600	0.67519	0.06481	0.02020	21	0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0683	0.69000	0.06000	0.67519	0.06481	0.02020	21	0.23	1%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.72445	0.01310	0.67519	0.06481	0.02020	21	0.76	4%	0
035.31	Sodium, AAS, Dry ash (%)	0014	0.75150	0.06500	0.67519	0.06481	0.02020	21	1.18	6%	0
035.31	Sodium, AAS, Dry ash (%)	0653	0.77100	0.01200	0.67519	0.06481	0.02020	21	1.48	7%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.87250	0.01700	0.67519	0.06481	0.02020	21	3.04	15%	0
035.31	Sodium, AAS, Dry ash (%)	2161	0.98500	0.01000	0.67519	0.06481	0.02020	21	4.78	23%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.50000	0.02000				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.61900	0.00400				3			0
035.32	Sodium, AAS, Open vessel (%)	0035	0.64000	0.00000				3			0
035.33	Sodium, AAS, Microwave (%)	0035	0.65000	0.00000				1			0
035.41	Sodium, ICP, Dry ash (%)	0139	0.42000	0.01000	0.65348	0.03936	0.01605	19	-5.93	18%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.60500	0.01000	0.65348	0.03936	0.01605	19	-1.23	4%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.61500	0.03000	0.65348	0.03936	0.01605	19	-0.98	3%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.62100	0.01600	0.65348	0.03936	0.01605	19	-0.83	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.62500	0.01000	0.65348	0.03936	0.01605	19	-0.72	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.62950	0.00100	0.65348	0.03936	0.01605	19	-0.61	2%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.63000	0.00000	0.65348	0.03936	0.01605	19	-0.60	2%	0
035.41	Sodium, ICP, Dry ash (%)	0955	0.63250	0.01100	0.65348	0.03936	0.01605	19	-0.53	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.64400	0.01200	0.65348	0.03936	0.01605	19	-0.24	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.66000	0.04000	0.65348	0.03936	0.01605	19	0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	2108	0.66500	0.01000	0.65348	0.03936	0.01605	19	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.66900	0.06000	0.65348	0.03936	0.01605	19	0.39	1%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.67000	0.04000	0.65348	0.03936	0.01605	19	0.42	1%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.67550	0.00900	0.65348	0.03936	0.01605	19	0.56	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.68100	0.00800	0.65348	0.03936	0.01605	19	0.70	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.68660	0.01500	0.65348	0.03936	0.01605	19	0.84	3%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.70000	0.00000	0.65348	0.03936	0.01605	19	1.18	4%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.70000	0.01800	0.65348	0.03936	0.01605	19	1.18	4%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.71590	0.00500	0.65348	0.03936	0.01605	19	1.59	5%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.95000	0.10000	0.65348	0.03936	0.01605	19	7.53	23%	1
035.42	Sodium, ICP, Open vessel (%)	0366	0.58000	0.02000	0.66867	0.05168	0.00884	18	-1.72	7%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.61000	0.02000	0.66867	0.05168	0.00884	18	-1.14	4%	0
035.42	Sodium, ICP, Open vessel (%)	0160	0.61680	0.00260	0.66867	0.05168	0.00884	18	-1.00	4%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.62900	0.01600	0.66867	0.05168	0.00884	18	-0.77	3%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.63340	0.00640	0.66867	0.05168	0.00884	18	-0.68	3%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.65000	0.02000	0.66867	0.05168	0.00884	18	-0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.65450	0.00700	0.66867	0.05168	0.00884	18	-0.27	1%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.65500	0.01000	0.66867	0.05168	0.00884	18	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.66000	0.00000	0.66867	0.05168	0.00884	18	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.66000	0.00000	0.66867	0.05168	0.00884	18	-0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.66370	0.00360	0.66867	0.05168	0.00884	18	-0.10	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	0045	0.67750	0.01100	0.66867	0.05168	0.00884	18	0.17	1%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.69050	0.00300	0.66867	0.05168	0.00884	18	0.42	2%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.71435	0.00490	0.66867	0.05168	0.00884	18	0.88	3%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.71500	0.01000	0.66867	0.05168	0.00884	18	0.90	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.73200	0.02200	0.66867	0.05168	0.00884	18	1.23	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.74000	0.00000	0.66867	0.05168	0.00884	18	1.38	5%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.74315	0.00270	0.66867	0.05168	0.00884	18	1.44	6%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.66550	0.04900	0.66867	0.05168	0.00884	18	-0.06	0%	1
035.43	Sodium, ICP, Microwave (%)	0017	0.54000	0.02000	0.64441	0.04223	0.00951	25	-2.47	8%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.59000	0.02000	0.64441	0.04223	0.00951	25	-1.29	4%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.59400	0.00400	0.64441	0.04223	0.00951	25	-1.19	4%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.59500	0.01000	0.64441	0.04223	0.00951	25	-1.17	4%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.59875	0.02670	0.64441	0.04223	0.00951	25	-1.08	4%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.61750	0.00900	0.64441	0.04223	0.00951	25	-0.64	2%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.61965	0.01250	0.64441	0.04223	0.00951	25	-0.59	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.62000	0.00000	0.64441	0.04223	0.00951	25	-0.58	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.63250	0.00500	0.64441	0.04223	0.00951	25	-0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.63500	0.01000	0.64441	0.04223	0.00951	25	-0.22	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.63600	0.02200	0.64441	0.04223	0.00951	25	-0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.64000	0.00000	0.64441	0.04223	0.00951	25	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.64500	0.01000	0.64441	0.04223	0.00951	25	0.01	0%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.65075	0.00950	0.64441	0.04223	0.00951	25	0.15	0%	0
035.43	Sodium, ICP, Microwave (%)	0043	0.65300	0.00200	0.64441	0.04223	0.00951	25	0.20	1%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.65900	0.00200	0.64441	0.04223	0.00951	25	0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.66000	0.00000	0.64441	0.04223	0.00951	25	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.66000	0.00000	0.64441	0.04223	0.00951	25	0.37	1%	0
035.43	Sodium, ICP, Microwave (%)	0027	0.66300	0.00400	0.64441	0.04223	0.00951	25	0.44	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.66450	0.01100	0.64441	0.04223	0.00951	25	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.68500	0.01000	0.64441	0.04223	0.00951	25	0.96	3%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.69000	0.00000	0.64441	0.04223	0.00951	25	1.08	4%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.70500	0.01000	0.64441	0.04223	0.00951	25	1.43	5%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.74000	0.02000	0.64441	0.04223	0.00951	25	2.26	7%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.82000	0.02000	0.64441	0.04223	0.00951	25	4.16	14%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.65100	0.05600	0.64441	0.04223	0.00951	25	0.16	1%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.68500	0.03000				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.69190	0.01860				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.67850	0.02100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0300	0.68600	0.05400				2			0
035.99	Sodium, Miscellaneous (%)	2129	0.62400	0.00600	0.65800	0.03981	0.00600	4	-0.85	3%	0
035.99	Sodium, Miscellaneous (%)	0590	0.64000	0.00000	0.65800	0.03981	0.00600	4	-0.45	1%	0
035.99	Sodium, Miscellaneous (%)	0881	0.65300	0.00800	0.65800	0.03981	0.00600	4	-0.13	0%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.99	Sodium, Miscellaneous (%)	0100	0.71500	0.01000	0.65800	0.03981	0.00600	4	1.43	4%	0
036.00	Sulfur, Gravimetric (%)	0038	0.35800	0.01200				1			0
036.04	Sulfur, LECO (%)	0098	0.33500	0.01000				2			0
036.04	Sulfur, LECO (%)	0229	0.34500	0.01000				2			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.30500	0.01000	0.36705	0.02504	0.00732	18	-2.48	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.33085	0.00010	0.36705	0.02504	0.00732	18	-1.45	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.34845	0.00130	0.36705	0.02504	0.00732	18	-0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.34845	0.00170	0.36705	0.02504	0.00732	18	-0.74	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0160	0.34885	0.00110	0.36705	0.02504	0.00732	18	-0.73	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.35500	0.01000	0.36705	0.02504	0.00732	18	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.35550	0.00300	0.36705	0.02504	0.00732	18	-0.46	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.36000	0.00000	0.36705	0.02504	0.00732	18	-0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.36500	0.01000	0.36705	0.02504	0.00732	18	-0.08	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.36860	0.02920	0.36705	0.02504	0.00732	18	0.06	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.37500	0.01000	0.36705	0.02504	0.00732	18	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.37500	0.01000	0.36705	0.02504	0.00732	18	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.37800	0.00400	0.36705	0.02504	0.00732	18	0.44	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.38500	0.01000	0.36705	0.02504	0.00732	18	0.72	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.38590	0.00080	0.36705	0.02504	0.00732	18	0.75	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.38860	0.00060	0.36705	0.02504	0.00732	18	0.86	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.41000	0.02000	0.36705	0.02504	0.00732	18	1.72	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.41500	0.01000	0.36705	0.02504	0.00732	18	1.91	7%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.31500	0.01000	0.36589	0.02283	0.01266	14	-2.23	7%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.33950	0.00100	0.36589	0.02283	0.01266	14	-1.16	4%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.35000	0.00000	0.36589	0.02283	0.01266	14	-0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.35050	0.02900	0.36589	0.02283	0.01266	14	-0.67	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.35865	0.04810	0.36589	0.02283	0.01266	14	-0.32	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.36000	0.00000	0.36589	0.02283	0.01266	14	-0.26	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.36500	0.01000	0.36589	0.02283	0.01266	14	-0.04	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.36700	0.04800	0.36589	0.02283	0.01266	14	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.37000	0.00000	0.36589	0.02283	0.01266	14	0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.37000	0.00000	0.36589	0.02283	0.01266	14	0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.37500	0.01000	0.36589	0.02283	0.01266	14	0.40	1%	0
036.43	Sulfur, ICP, Microwave (%)	0034	0.38485	0.01990	0.36589	0.02283	0.01266	14	0.83	3%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.41000	0.00000	0.36589	0.02283	0.01266	14	1.93	6%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.42000	0.00120	0.36589	0.02283	0.01266	14	2.37	7%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.33500	0.09000	0.36589	0.02283	0.01266	14	-1.35	4%	1
036.52	Sulfur, ICP-MS, Open vessel (%)	0910	0.34950	0.00620				2			0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.36550	0.03100				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	2066	0.53000	0.00000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	68.880	3.5000	80.764	9.5771	4.3697	11	-1.24	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	72.570	2.6200	80.764	9.5771	4.3697	11	-0.86	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	74.000	10.000	80.764	9.5771	4.3697	11	-0.71	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0656	74.425	2.0700	80.764	9.5771	4.3697	11	-0.66	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	75.660	7.4103	80.764	9.5771	4.3697	11	-0.53	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	79.243	5.1860	80.764	9.5771	4.3697	11	-0.16	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	83.500	3.0000	80.764	9.5771	4.3697	11	0.29	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	86.600	0.48000	80.764	9.5771	4.3697	11	0.61	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	88.800	4.0000	80.764	9.5771	4.3697	11	0.84	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2161	89.600	0.00000	80.764	9.5771	4.3697	11	0.92	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	111.60	9.8000	80.764	9.5771	4.3697	11	3.22	19%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	121.50	77.000	80.764	9.5771	4.3697	11	4.25	25%	1
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	66.500	1.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	84.000	4.0000				3			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	113.43	3.6500				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	113.41	4.6090				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0035	124.50	7.0000				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	7.6100	0.52000	81.945	15.159	8.1821	16	-4.90	45%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	67.055	0.25000	81.945	15.159	8.1821	16	-0.98	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	67.100	5.4000	81.945	15.159	8.1821	16	-0.98	9%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	71.470	30.640	81.945	15.159	8.1821	16	-0.69	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	72.435	11.810	81.945	15.159	8.1821	16	-0.63	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	77.235	9.3100	81.945	15.159	8.1821	16	-0.31	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	77.248	3.6941	81.945	15.159	8.1821	16	-0.31	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	79.100	2.6800	81.945	15.159	8.1821	16	-0.19	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	80.090	9.5400	81.945	15.159	8.1821	16	-0.12	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	80.285	6.6700	81.945	15.159	8.1821	16	-0.11	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	91.000	18.000	81.945	15.159	8.1821	16	0.60	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	91.000	4.0000	81.945	15.159	8.1821	16	0.60	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	93.550	20.700	81.945	15.159	8.1821	16	0.77	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	97.850	0.70000	81.945	15.159	8.1821	16	1.05	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	102.00	2.0000	81.945	15.159	8.1821	16	1.32	12%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	104.50	5.0000	81.945	15.159	8.1821	16	1.49	14%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	280.00	84.000	81.945	15.159	8.1821	16	13.07	121%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	50.715	4.2500	78.636	14.469	7.7661	19	-1.93	18%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	63.000	31.000	78.636	14.469	7.7661	19	-1.08	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	66.500	7.0000	78.636	14.469	7.7661	19	-0.84	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	68.400	4.2000	78.636	14.469	7.7661	19	-0.71	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	69.500	7.0000	78.636	14.469	7.7661	19	-0.63	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0160	70.050	0.50000	78.636	14.469	7.7661	19	-0.59	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	70.500	17.000	78.636	14.469	7.7661	19	-0.56	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	71.350	7.1850	78.636	14.469	7.7661	19	-0.50	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	73.050	3.5000	78.636	14.469	7.7661	19	-0.39	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	75.000	6.0000	78.636	14.469	7.7661	19	-0.25	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	77.225	1.0500	78.636	14.469	7.7661	19	-0.10	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	81.550	8.7000	78.636	14.469	7.7661	19	0.20	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	85.990	0.30000	78.636	14.469	7.7661	19	0.51	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	86.805	0.27000	78.636	14.469	7.7661	19	0.56	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	91.900	1.8000	78.636	14.469	7.7661	19	0.92	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	92.500	11.200	78.636	14.469	7.7661	19	0.96	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	94.000	6.0000	78.636	14.469	7.7661	19	1.06	10%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	99.500	3.0000	78.636	14.469	7.7661	19	1.44	13%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	102.20	27.600	78.636	14.469	7.7661	19	1.63	15%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	65.500	1.0000	83.803	13.578	4.6132	23	-1.35	11%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	68.500	0.00000	83.803	13.578	4.6132	23	-1.13	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	69.500	5.0000	83.803	13.578	4.6132	23	-1.05	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	72.145	1.8500	83.803	13.578	4.6132	23	-0.86	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	73.000	6.0000	83.803	13.578	4.6132	23	-0.80	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	74.500	7.0000	83.803	13.578	4.6132	23	-0.69	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	76.100	0.20000	83.803	13.578	4.6132	23	-0.57	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	76.790	6.5131	83.803	13.578	4.6132	23	-0.52	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	76.980	7.3400	83.803	13.578	4.6132	23	-0.50	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	77.660	6.5400	83.803	13.578	4.6132	23	-0.45	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	81.000	12.000	83.803	13.578	4.6132	23	-0.21	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	81.650	1.1000	83.803	13.578	4.6132	23	-0.16	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	81.720	4.9800	83.803	13.578	4.6132	23	-0.15	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	82.300	2.4000	83.803	13.578	4.6132	23	-0.11	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	88.210	0.00000	83.803	13.578	4.6132	23	0.32	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	89.121	3.5600	83.803	13.578	4.6132	23	0.39	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	91.650	7.4400	83.803	13.578	4.6132	23	0.58	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	93.500	5.0000	83.803	13.578	4.6132	23	0.71	6%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	95.500	3.0000	83.803	13.578	4.6132	23	0.86	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	100.50	1.0000	83.803	13.578	4.6132	23	1.23	10%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0512	103.31	9.1800	83.803	13.578	4.6132	23	1.44	12%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	110.50	15.000	83.803	13.578	4.6132	23	1.97	16%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	150.00	0.00000	83.803	13.578	4.6132	23	4.88	39%	0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2108	65.275	0.11000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	83.957	9.4860				2			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	72.655	2.0100				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	79.220	4.1600				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	84.250	65.500				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	81.450	1.9000				1			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	77.770	5.0600				3			0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	81.500	13.000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	87.500	5.0000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	0.73500	0.01000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	0.79000	0.00000				3			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	0.88000	0.08000				3			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	0.53500	0.01000	0.77365	0.27534	0.02882	5	-1.48	9%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	0.67570	0.03900	0.77365	0.27534	0.02882	5	0.26	2%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.70000	0.00000	0.77365	0.27534	0.02882	5	0.56	3%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.70755	0.05510	0.77365	0.27534	0.02882	5	0.66	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	1.2500	0.04000	0.77365	0.27534	0.02882	5	7.36	45%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.63000	0.02000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.76200	0.04200				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.56500	0.10400				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.76665	0.00030				2			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	1.1300	0.04000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	1.0250	0.01260				1			0
042.00	Chloride, Titrimetric (%)	0948	1.1050	0.01000				2			0
042.00	Chloride, Titrimetric (%)	0297	1.1105	0.00100				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,920.0	0.00000				1			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,995.0	10.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	1,168.5	91.000				2			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0160	2,935.0	250.00				2			0
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	45.750	3.5000				1			0
102.02	Niacin, LC (mg / kg (ppm))	2161	19.825	1.0500				1			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0160	20.400	1.6000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	66.400	0.20000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	69.675	0.05000				1			0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0160	78.450	6.7000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	9.6300	0.52000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	2161	9.9200	1.1000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	8.7000	0.24000				1			0
104.99	Riboflavin, Miscellaneous (mg / kg (ppm))	0160	11.340	3.5200				1			0
105.00	Thiamine, LC (mg / kg (ppm))	0904	5.6500	0.96000	9.0625	3.0319	0.41500	4	-1.13	19%	0
105.00	Thiamine, LC (mg / kg (ppm))	0160	7.8800	0.14000	9.0625	3.0319	0.41500	4	-0.39	7%	0
105.00	Thiamine, LC (mg / kg (ppm))	0629	9.9500	0.10000	9.0625	3.0319	0.41500	4	0.29	5%	0
105.00	Thiamine, LC (mg / kg (ppm))	0910	12.770	0.46000	9.0625	3.0319	0.41500	4	1.22	20%	0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	9.7950	1.2100				1			0
106.00	Vitamin A, Color (KU / kg)	0964	22.799	4.9979				3			0
106.00	Vitamin A, Color (KU / kg)	0027	46.772	2.1650				3			0
106.00	Vitamin A, Color (KU / kg)	0019	55.840	6.0450				3			0
106.01	Vitamin A, UV (KU / kg)	0098	36.450	0.50000				2			0



Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
106.01	Vitamin A, UV (KU / kg)	2161	44.100	1.8000				2			0
106.02	Vitamin A, LC (KU / kg)	0905	21.515	2.0190	41.158	7.6595	3.1881	20	-2.56	24%	0
106.02	Vitamin A, LC (KU / kg)	0004	21.625	1.4100	41.158	7.6595	3.1881	20	-2.55	24%	0
106.02	Vitamin A, LC (KU / kg)	0910	35.000	3.6000	41.158	7.6595	3.1881	20	-0.80	7%	0
106.02	Vitamin A, LC (KU / kg)	0875	36.500	1.0000	41.158	7.6595	3.1881	20	-0.61	6%	0
106.02	Vitamin A, LC (KU / kg)	2053	36.950	0.90000	41.158	7.6595	3.1881	20	-0.55	5%	0
106.02	Vitamin A, LC (KU / kg)	2103	37.495	5.8500	41.158	7.6595	3.1881	20	-0.48	4%	0
106.02	Vitamin A, LC (KU / kg)	0227	37.800	1.4000	41.158	7.6595	3.1881	20	-0.44	4%	0
106.02	Vitamin A, LC (KU / kg)	0610	38.500	5.8000	41.158	7.6595	3.1881	20	-0.35	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	38.755	3.4300	41.158	7.6595	3.1881	20	-0.31	3%	0
106.02	Vitamin A, LC (KU / kg)	0676	39.050	4.5000	41.158	7.6595	3.1881	20	-0.28	3%	0
106.02	Vitamin A, LC (KU / kg)	2004	40.000	2.2000	41.158	7.6595	3.1881	20	-0.15	1%	0
106.02	Vitamin A, LC (KU / kg)	0675	40.460	6.5800	41.158	7.6595	3.1881	20	-0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0208	42.438	5.9520	41.158	7.6595	3.1881	20	0.17	2%	0
106.02	Vitamin A, LC (KU / kg)	0904	43.305	0.71000	41.158	7.6595	3.1881	20	0.28	3%	0
106.02	Vitamin A, LC (KU / kg)	0861	44.450	0.50000	41.158	7.6595	3.1881	20	0.43	4%	0
106.02	Vitamin A, LC (KU / kg)	0160	48.450	1.7000	41.158	7.6595	3.1881	20	0.95	9%	0
106.02	Vitamin A, LC (KU / kg)	0014	48.700	9.6000	41.158	7.6595	3.1881	20	0.98	9%	0
106.02	Vitamin A, LC (KU / kg)	0619	50.700	0.00000	41.158	7.6595	3.1881	20	1.25	12%	0
106.02	Vitamin A, LC (KU / kg)	0512	52.625	4.6100	41.158	7.6595	3.1881	20	1.50	14%	0
106.02	Vitamin A, LC (KU / kg)	2144	59.000	2.0000	41.158	7.6595	3.1881	20	2.33	22%	0
106.02	Vitamin A, LC (KU / kg)	0038	54.250	16.700	41.158	7.6595	3.1881	20	1.71	16%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	96.200	2.2000				1			0
108.02	Vitamin D3, LC (KU / kg)	0861	0.71200	0.00000	10.075	2.3817	0.77125	8	-3.93	46%	0
108.02	Vitamin D3, LC (KU / kg)	0610	8.7000	0.80000	10.075	2.3817	0.77125	8	-0.58	7%	0
108.02	Vitamin D3, LC (KU / kg)	0675	9.1750	0.39000	10.075	2.3817	0.77125	8	-0.38	4%	0
108.02	Vitamin D3, LC (KU / kg)	2103	9.8300	0.02000	10.075	2.3817	0.77125	8	-0.10	1%	0
108.02	Vitamin D3, LC (KU / kg)	0904	10.120	1.9000	10.075	2.3817	0.77125	8	0.02	0%	0
108.02	Vitamin D3, LC (KU / kg)	0227	11.150	0.30000	10.075	2.3817	0.77125	8	0.45	5%	0
108.02	Vitamin D3, LC (KU / kg)	0208	11.600	2.0000	10.075	2.3817	0.77125	8	0.64	8%	0
108.02	Vitamin D3, LC (KU / kg)	0676	13.520	0.76000	10.075	2.3817	0.77125	8	1.45	17%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	0160	2.5000	0.26000				2			0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	11.150	1.1000				2			0
109.02	Vitamin E, LC (IU/kg)	0619	0.22900	0.00000	238.41	91.827	15.993	18	-2.59	50%	0
109.02	Vitamin E, LC (IU/kg)	0905	106.50	9.0000	238.41	91.827	15.993	18	-1.44	28%	0
109.02	Vitamin E, LC (IU/kg)	0027	157.40	36.200	238.41	91.827	15.993	18	-0.88	17%	0
109.02	Vitamin E, LC (IU/kg)	0098	178.50	49.000	238.41	91.827	15.993	18	-0.65	13%	0
109.02	Vitamin E, LC (IU/kg)	2053	186.50	27.000	238.41	91.827	15.993	18	-0.57	11%	0
109.02	Vitamin E, LC (IU/kg)	0208	188.59	0.00000	238.41	91.827	15.993	18	-0.54	10%	0
109.02	Vitamin E, LC (IU/kg)	0610	199.50	31.000	238.41	91.827	15.993	18	-0.42	8%	0
109.02	Vitamin E, LC (IU/kg)	0904	220.43	14.070	238.41	91.827	15.993	18	-0.20	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	
109.02	Vitamin E, LC (IU/kg)	0676	228.40	5.2000	238.41	91.827	15.993	18	-0.11	2%	0
109.02	Vitamin E, LC (IU/kg)	0910	232.20	5.2000	238.41	91.827	15.993	18	-0.07	1%	0
109.02	Vitamin E, LC (IU/kg)	0861	245.00	10.000	238.41	91.827	15.993	18	0.07	1%	0
109.02	Vitamin E, LC (IU/kg)	0955	249.00	4.0000	238.41	91.827	15.993	18	0.12	2%	0
109.02	Vitamin E, LC (IU/kg)	2103	299.50	3.0000	238.41	91.827	15.993	18	0.67	13%	0
109.02	Vitamin E, LC (IU/kg)	0675	305.08	18.700	238.41	91.827	15.993	18	0.73	14%	0
109.02	Vitamin E, LC (IU/kg)	2161	336.65	6.5000	238.41	91.827	15.993	18	1.07	21%	0
109.02	Vitamin E, LC (IU/kg)	2144	340.00	20.000	238.41	91.827	15.993	18	1.11	21%	0
109.02	Vitamin E, LC (IU/kg)	0563	342.50	19.000	238.41	91.827	15.993	18	1.13	22%	0
109.02	Vitamin E, LC (IU/kg)	2022	375.00	30.000	238.41	91.827	15.993	18	1.49	29%	0
109.02	Vitamin E, LC (IU/kg)	0227	268.50	93.000	238.41	91.827	15.993	18	0.33	6%	1
109.99	Vitamin E, Miscellaneous (IU/kg)	0160	265.50	15.000				2			0
109.99	Vitamin E, Miscellaneous (IU/kg)	0096	345.37	41.493				2			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2161	75.945	0.23000				1			0
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	0160	0.00000	0.00000				1			4
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (mkg/kg (ppm))	0227	49.150	3.5000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	59.050	4.3000				1			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0160	2.4330	1.0780				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.3850	0.07000				1			0
113.02	Folic acid, LC (mg / kg (ppm))	2161	0.64000	0.06000				1			0
113.99	Folic acid, Miscellaneous (mg / kg (ppm))	0160	0.75000	0.34000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.31850	0.00100				1			0
114.99	Biotin, Miscellaneous (mg / kg (ppm))	0160	0.52000	0.06000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.0500	0.08000	1.1122	0.02972	0.02079	18	-2.09	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.0650	0.01000	1.1122	0.02972	0.02079	18	-1.59	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.0855	0.00300	1.1122	0.02972	0.02079	18	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.0900	0.02000	1.1122	0.02972	0.02079	18	-0.75	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.0950	0.04200	1.1122	0.02972	0.02079	18	-0.58	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.0950	0.01000	1.1122	0.02972	0.02079	18	-0.58	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	1.1040	0.00000	1.1122	0.02972	0.02079	18	-0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.1075	0.01500	1.1122	0.02972	0.02079	18	-0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.1095	0.01900	1.1122	0.02972	0.02079	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.1125	0.00500	1.1122	0.02972	0.02079	18	0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.1200	0.02000	1.1122	0.02972	0.02079	18	0.26	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.1225	0.03100	1.1122	0.02972	0.02079	18	0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0878	1.1255	0.01100	1.1122	0.02972	0.02079	18	0.45	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.1340	0.00600	1.1122	0.02972	0.02079	18	0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	1.1350	0.01000	1.1122	0.02972	0.02079	18	0.77	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.1350	0.01000	1.1122	0.02972	0.02079	18	0.77	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	1.1644	0.03590	1.1122	0.02972	0.02079	18	1.75	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.1738	0.04630	1.1122	0.02972	0.02079	18	2.07	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
120.02	Alanine, Post-col OPA Der (%)	0098	1.1420	0.02400				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.0160	0.00200	1.0680	0.04481	0.02700	4	-1.16	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	1.0500	0.00000	1.0680	0.04481	0.02700	4	-0.40	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	1.0865	0.06700	1.0680	0.04481	0.02700	4	0.41	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.1195	0.03900	1.0680	0.04481	0.02700	4	1.15	2%	0
120.99	Alanine, Miscellaneous (%)	2161	1.0450	0.02000				2			0
120.99	Alanine, Miscellaneous (%)	2146	1.0700	0.02000				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	0.56220	0.02660	0.59621	0.02299	0.01069	17	-1.48	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	0.56550	0.01100	0.59621	0.02299	0.01069	17	-1.34	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	0.57830	0.00320	0.59621	0.02299	0.01069	17	-0.78	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	0.58000	0.00000	0.59621	0.02299	0.01069	17	-0.70	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	0.58100	0.01200	0.59621	0.02299	0.01069	17	-0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	0.58200	0.01200	0.59621	0.02299	0.01069	17	-0.62	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0878	0.58650	0.01700	0.59621	0.02299	0.01069	17	-0.42	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	0.58850	0.01700	0.59621	0.02299	0.01069	17	-0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	0.59500	0.01000	0.59621	0.02299	0.01069	17	-0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	0.59650	0.00700	0.59621	0.02299	0.01069	17	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	0.61000	0.02000	0.59621	0.02299	0.01069	17	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	0.61000	0.02000	0.59621	0.02299	0.01069	17	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	0.61550	0.00100	0.59621	0.02299	0.01069	17	0.84	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	0.61650	0.00900	0.59621	0.02299	0.01069	17	0.88	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	0.61750	0.00100	0.59621	0.02299	0.01069	17	0.93	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	0.62400	0.00400	0.59621	0.02299	0.01069	17	1.21	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	0.62650	0.01100	0.59621	0.02299	0.01069	17	1.32	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	0.63500	0.09000	0.59621	0.02299	0.01069	17	1.69	3%	1
121.02	Arginine, Post-col OPA Der (%)	0098	0.62600	0.00800				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	0.58800	0.03800	0.61400	0.02811	0.01650	4	-0.93	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	0.59700	0.01000	0.61400	0.02811	0.01650	4	-0.60	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	0.62000	0.00000	0.61400	0.02811	0.01650	4	0.21	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	0.65100	0.01800	0.61400	0.02811	0.01650	4	1.32	3%	0
121.99	Arginine, Miscellaneous (%)	2161	0.46000	0.48000				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	2.3280	0.01600	2.4259	0.05474	0.03861	18	-1.79	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	2.3550	0.07000	2.4259	0.05474	0.03861	18	-1.29	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	2.3695	0.08500	2.4259	0.05474	0.03861	18	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	2.3750	0.03000	2.4259	0.05474	0.03861	18	-0.93	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	2.3975	0.03700	2.4259	0.05474	0.03861	18	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	2.4050	0.07000	2.4259	0.05474	0.03861	18	-0.38	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	2.4050	0.00200	2.4259	0.05474	0.03861	18	-0.38	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	2.4145	0.01100	2.4259	0.05474	0.03861	18	-0.21	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	2.4260	0.02000	2.4259	0.05474	0.03861	18	0.00	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	2.4265	0.02900	2.4259	0.05474	0.03861	18	0.01	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	2.4300	0.02000	2.4259	0.05474	0.03861	18	0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	2.4400	0.06000	2.4259	0.05474	0.03861	18	0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	2.4575	0.00900	2.4259	0.05474	0.03861	18	0.58	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	2.4600	0.04000	2.4259	0.05474	0.03861	18	0.62	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	2.4650	0.05000	2.4259	0.05474	0.03861	18	0.71	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0878	2.4795	0.01300	2.4259	0.05474	0.03861	18	0.98	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	2.5412	0.06360	2.4259	0.05474	0.03861	18	2.11	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	2.5837	0.06930	2.4259	0.05474	0.03861	18	2.88	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	2.4335	0.00300				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	2.2895	0.07300	2.4416	0.12377	0.07225	4	-1.23	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	2.4000	0.00000	2.4416	0.12377	0.07225	4	-0.34	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	2.5045	0.10100	2.4416	0.12377	0.07225	4	0.51	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	2.5725	0.11500	2.4416	0.12377	0.07225	4	1.06	3%	0
122.99	Aspartic, Miscellaneous (%)	2146	2.3600	0.12000				2			0
122.99	Aspartic, Miscellaneous (%)	2161	2.4040	0.23800				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0227	0.43500	0.01000	0.51523	0.02604	0.01222	18	-3.08	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0955	0.48350	0.00100	0.51523	0.02604	0.01222	18	-1.22	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.48400	0.00200	0.51523	0.02604	0.01222	18	-1.20	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.49500	0.03000	0.51523	0.02604	0.01222	18	-0.78	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.50100	0.00600	0.51523	0.02604	0.01222	18	-0.55	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.50500	0.01000	0.51523	0.02604	0.01222	18	-0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.50715	0.00190	0.51523	0.02604	0.01222	18	-0.31	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.50850	0.00100	0.51523	0.02604	0.01222	18	-0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.51000	0.00000	0.51523	0.02604	0.01222	18	-0.20	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.51800	0.02400	0.51523	0.02604	0.01222	18	0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.52000	0.00000	0.51523	0.02604	0.01222	18	0.18	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0878	0.52300	0.00600	0.51523	0.02604	0.01222	18	0.30	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.52450	0.05300	0.51523	0.02604	0.01222	18	0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0684	0.53050	0.01300	0.51523	0.02604	0.01222	18	0.59	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.53800	0.00400	0.51523	0.02604	0.01222	18	0.87	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.54350	0.00500	0.51523	0.02604	0.01222	18	1.09	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.55200	0.03800	0.51523	0.02604	0.01222	18	1.41	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.58850	0.01500	0.51523	0.02604	0.01222	18	2.81	7%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.53150	0.00700				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.30350	0.01500				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.55000	0.00000				3			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.56950	0.02500				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.66500	0.01000				1			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.8280	0.02000	4.0226	0.11864	0.06095	18	-1.64	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.8760	0.14800	4.0226	0.11864	0.06095	18	-1.24	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.8830	0.05200	4.0226	0.11864	0.06095	18	-1.18	2%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.8950	0.03000	4.0226	0.11864	0.06095	18	-1.08	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.9705	0.04100	4.0226	0.11864	0.06095	18	-0.44	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.9765	0.04700	4.0226	0.11864	0.06095	18	-0.39	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.9890	0.00400	4.0226	0.11864	0.06095	18	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	4.0200	0.08000	4.0226	0.11864	0.06095	18	-0.02	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	4.0350	0.09000	4.0226	0.11864	0.06095	18	0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	4.0405	0.01500	4.0226	0.11864	0.06095	18	0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	4.0465	0.02300	4.0226	0.11864	0.06095	18	0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	4.0550	0.13000	4.0226	0.11864	0.06095	18	0.27	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0878	4.0590	0.06000	4.0226	0.11864	0.06095	18	0.31	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	4.0600	0.02000	4.0226	0.11864	0.06095	18	0.32	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	4.1050	0.01000	4.0226	0.11864	0.06095	18	0.69	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	4.1500	0.15350	4.0226	0.11864	0.06095	18	1.07	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	4.2049	0.13360	4.0226	0.11864	0.06095	18	1.54	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	4.2500	0.04000	4.0226	0.11864	0.06095	18	1.92	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	4.0445	0.07700				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	3.9150	0.03000	4.0604	0.11970	0.09925	4	-1.21	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	4.0150	0.03000	4.0604	0.11970	0.09925	4	-0.38	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	4.1275	0.17900	4.0604	0.11970	0.09925	4	0.56	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	4.1840	0.15800	4.0604	0.11970	0.09925	4	1.03	2%	0
125.99	Glutamic, Miscellaneous (%)	2161	3.9775	0.15900				2			0
125.99	Glutamic, Miscellaneous (%)	2146	4.1200	0.06000				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.42500	0.03000	0.46006	0.01123	0.00803	18	-3.12	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.43350	0.00900	0.46006	0.01123	0.00803	18	-2.37	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.45000	0.00000	0.46006	0.01123	0.00803	18	-0.90	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.45200	0.00600	0.46006	0.01123	0.00803	18	-0.72	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.45250	0.01900	0.46006	0.01123	0.00803	18	-0.67	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.45300	0.00200	0.46006	0.01123	0.00803	18	-0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.45750	0.00700	0.46006	0.01123	0.00803	18	-0.23	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.46000	0.00000	0.46006	0.01123	0.00803	18	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.46000	0.00000	0.46006	0.01123	0.00803	18	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	0.46000	0.00800	0.46006	0.01123	0.00803	18	-0.01	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.46150	0.00900	0.46006	0.01123	0.00803	18	0.13	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.46440	0.02120	0.46006	0.01123	0.00803	18	0.39	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0878	0.46500	0.00400	0.46006	0.01123	0.00803	18	0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.46650	0.00500	0.46006	0.01123	0.00803	18	0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.46850	0.00100	0.46006	0.01123	0.00803	18	0.75	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.47000	0.00000	0.46006	0.01123	0.00803	18	0.89	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.48090	0.01640	0.46006	0.01123	0.00803	18	1.86	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.48450	0.00700	0.46006	0.01123	0.00803	18	2.18	3%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.44700	0.00200				1			0

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Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.05	Glycine, Pre-col AQC Der (%)	0610	0.46000	0.00000	0.48738	0.03652	0.00875	4	-0.58	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.46050	0.00300	0.48738	0.03652	0.00875	4	-0.57	3%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.49150	0.02700	0.48738	0.03652	0.00875	4	0.12	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.53750	0.00500	0.48738	0.03652	0.00875	4	1.15	5%	0
126.99	Glycine, Miscellaneous (%)	2146	0.41500	0.03000				2			0
126.99	Glycine, Miscellaneous (%)	2161	0.46550	0.02100				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.41000	0.01000	0.44218	0.01867	0.01198	17	-1.72	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.41950	0.02700	0.44218	0.01867	0.01198	17	-1.21	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.42005	0.02370	0.44218	0.01867	0.01198	17	-1.18	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.43200	0.00200	0.44218	0.01867	0.01198	17	-0.55	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.43450	0.00700	0.44218	0.01867	0.01198	17	-0.41	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.43500	0.01000	0.44218	0.01867	0.01198	17	-0.38	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.43700	0.00200	0.44218	0.01867	0.01198	17	-0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.43800	0.01400	0.44218	0.01867	0.01198	17	-0.22	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.43810	0.01800	0.44218	0.01867	0.01198	17	-0.22	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.44000	0.02000	0.44218	0.01867	0.01198	17	-0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.44650	0.01700	0.44218	0.01867	0.01198	17	0.23	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.45000	0.02000	0.44218	0.01867	0.01198	17	0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.45500	0.01000	0.44218	0.01867	0.01198	17	0.69	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.45850	0.00300	0.44218	0.01867	0.01198	17	0.87	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0878	0.46350	0.00700	0.44218	0.01867	0.01198	17	1.14	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.46500	0.01000	0.44218	0.01867	0.01198	17	1.22	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.49850	0.00300	0.44218	0.01867	0.01198	17	3.02	6%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.43850	0.00700				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.42850	0.00700	0.44775	0.02153	0.00950	4	-0.89	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.43000	0.00000	0.44775	0.02153	0.00950	4	-0.82	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.46300	0.01400	0.44775	0.02153	0.00950	4	0.71	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.46950	0.01700	0.44775	0.02153	0.00950	4	1.01	2%	0
127.99	Histidine, Miscellaneous (%)	2146	0.40000	0.02000				2			0
127.99	Histidine, Miscellaneous (%)	2161	0.57050	0.03700				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.2910	0.01400	1.3718	0.03018	0.02478	18	-2.68	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.3100	0.04000	1.3718	0.03018	0.02478	18	-2.05	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.3350	0.01000	1.3718	0.03018	0.02478	18	-1.22	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.3540	0.00200	1.3718	0.03018	0.02478	18	-0.59	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.3600	0.02000	1.3718	0.03018	0.02478	18	-0.39	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.3600	0.00000	1.3718	0.03018	0.02478	18	-0.39	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	1.3641	0.07450	1.3718	0.03018	0.02478	18	-0.26	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.3650	0.01000	1.3718	0.03018	0.02478	18	-0.23	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	1.3700	0.04000	1.3718	0.03018	0.02478	18	-0.06	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.3750	0.01400	1.3718	0.03018	0.02478	18	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.3770	0.04000	1.3718	0.03018	0.02478	18	0.17	0%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0878	1.3790	0.02000	1.3718	0.03018	0.02478	18	0.24	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.3810	0.01800	1.3718	0.03018	0.02478	18	0.30	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	1.3866	0.08160	1.3718	0.03018	0.02478	18	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.3970	0.01400	1.3718	0.03018	0.02478	18	0.83	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	1.4100	0.02000	1.3718	0.03018	0.02478	18	1.27	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.4115	0.01100	1.3718	0.03018	0.02478	18	1.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.4145	0.01700	1.3718	0.03018	0.02478	18	1.41	2%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.4135	0.00900				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.2045	0.04100	1.3510	0.10771	0.02800	4	-1.36	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.3655	0.01500	1.3510	0.10771	0.02800	4	0.13	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	1.3700	0.00000	1.3510	0.10771	0.02800	4	0.18	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	1.4640	0.05600	1.3510	0.10771	0.02800	4	1.05	4%	0
128.99	Isoleucine, Miscellaneous (%)	2146	1.2050	0.01000				2			0
128.99	Isoleucine, Miscellaneous (%)	2161	1.3600	0.05400				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	2.2525	0.05100	2.3491	0.05358	0.02738	18	-1.80	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.2800	0.06000	2.3491	0.05358	0.02738	18	-1.29	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	2.2850	0.03000	2.3491	0.05358	0.02738	18	-1.20	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.3050	0.03000	2.3491	0.05358	0.02738	18	-0.82	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.3100	0.04000	2.3491	0.05358	0.02738	18	-0.73	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.3200	0.00000	2.3491	0.05358	0.02738	18	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.3435	0.00500	2.3491	0.05358	0.02738	18	-0.10	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.3440	0.09400	2.3491	0.05358	0.02738	18	-0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.3450	0.01000	2.3491	0.05358	0.02738	18	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.3550	0.00200	2.3491	0.05358	0.02738	18	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0878	2.3585	0.03100	2.3491	0.05358	0.02738	18	0.18	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	2.3700	0.04000	2.3491	0.05358	0.02738	18	0.39	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.3755	0.01100	2.3491	0.05358	0.02738	18	0.49	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.3830	0.02200	2.3491	0.05358	0.02738	18	0.63	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.3865	0.00700	2.3491	0.05358	0.02738	18	0.70	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	2.4119	0.02730	2.3491	0.05358	0.02738	18	1.17	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.4125	0.02500	2.3491	0.05358	0.02738	18	1.18	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	2.4315	0.00760	2.3491	0.05358	0.02738	18	1.54	2%	0
129.02	Leucine, Post-col OPA Der (%)	0098	2.4035	0.02100				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.3755	0.01500	2.4799	0.11011	0.17475	4	-1.14	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.4465	0.10500	2.4799	0.11011	0.17475	4	0.40	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	2.4625	0.08900	2.4799	0.11011	0.17475	4	0.74	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	2.6350	0.49000	2.4799	0.11011	0.17475	4	4.47	4%	0
129.99	Leucine, Miscellaneous (%)	2146	2.0900	0.12000				2			0
129.99	Leucine, Miscellaneous (%)	2161	2.4130	0.07400				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	1.9840	0.04400	2.2061	0.13486	0.06496	19	-1.65	5%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	2.0400	0.04000	2.2061	0.13486	0.06496	19	-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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	2.0700	0.02000	2.2061	0.13486	0.06496	19	-1.01	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	2.0700	0.02000	2.2061	0.13486	0.06496	19	-1.01	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	2.1150	0.11000	2.2061	0.13486	0.06496	19	-0.68	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	2.1250	0.03000	2.2061	0.13486	0.06496	19	-0.60	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	2.1630	0.01400	2.2061	0.13486	0.06496	19	-0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	2.1800	0.10000	2.2061	0.13486	0.06496	19	-0.19	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	2.1950	0.01000	2.2061	0.13486	0.06496	19	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0878	2.2020	0.03200	2.2061	0.13486	0.06496	19	-0.03	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	2.2233	0.03760	2.2061	0.13486	0.06496	19	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	2.2235	0.09700	2.2061	0.13486	0.06496	19	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	2.2405	0.04900	2.2061	0.13486	0.06496	19	0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	2.2638	0.09760	2.2061	0.13486	0.06496	19	0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	2.2965	0.12300	2.2061	0.13486	0.06496	19	0.67	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	2.3350	0.09000	2.2061	0.13486	0.06496	19	0.96	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	2.3800	0.03600	2.2061	0.13486	0.06496	19	1.29	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	2.3805	0.04100	2.2061	0.13486	0.06496	19	1.29	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	2.5055	0.24300	2.2061	0.13486	0.06496	19	2.22	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	2.3770	0.32800	2.2061	0.13486	0.06496	19	1.27	4%	1
130.01	L-Lysine, Pre-col OPA Der (%)	2145	2.0050	0.09000				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	2.1330	0.10000				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.9770	0.10200	2.1939	0.15663	0.17614	7	-1.38	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	2.1015	0.06300	2.1939	0.15663	0.17614	7	-0.59	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	2.1750	0.21000	2.1939	0.15663	0.17614	7	-0.12	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	2.2060	0.26800	2.1939	0.15663	0.17614	7	0.08	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0016	2.2250	0.13000	2.1939	0.15663	0.17614	7	0.20	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	2.2450	0.01000	2.1939	0.15663	0.17614	7	0.33	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	2.4280	0.45000	2.1939	0.15663	0.17614	7	1.49	5%	0
130.99	L-Lysine, Miscellaneous (%)	0160	1.9126	0.15110	2.0974	0.21441	0.22028	4	-0.86	4%	0
130.99	L-Lysine, Miscellaneous (%)	2146	1.9650	0.01000	2.0974	0.21441	0.22028	4	-0.62	3%	0
130.99	L-Lysine, Miscellaneous (%)	2161	2.1220	0.16000	2.0974	0.21441	0.22028	4	0.11	1%	0
130.99	L-Lysine, Miscellaneous (%)	2053	2.3900	0.56000	2.0974	0.21441	0.22028	4	1.36	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.40500	0.00200	0.47398	0.02355	0.01606	17	-2.93	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.41400	0.00800	0.47398	0.02355	0.01606	17	-2.55	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.44350	0.00500	0.47398	0.02355	0.01606	17	-1.29	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0878	0.44950	0.01900	0.47398	0.02355	0.01606	17	-1.04	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.46500	0.01000	0.47398	0.02355	0.01606	17	-0.38	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.47450	0.00700	0.47398	0.02355	0.01606	17	0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.47450	0.00700	0.47398	0.02355	0.01606	17	0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.47500	0.01000	0.47398	0.02355	0.01606	17	0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.47800	0.04800	0.47398	0.02355	0.01606	17	0.17	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.47900	0.01400	0.47398	0.02355	0.01606	17	0.21	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	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.48250	0.00500	0.47398	0.02355	0.01606	17	0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.48250	0.01700	0.47398	0.02355	0.01606	17	0.36	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.48500	0.05000	0.47398	0.02355	0.01606	17	0.47	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.49000	0.04000	0.47398	0.02355	0.01606	17	0.68	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.49350	0.01100	0.47398	0.02355	0.01606	17	0.83	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.49850	0.00300	0.47398	0.02355	0.01606	17	1.04	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.55295	0.01710	0.47398	0.02355	0.01606	17	3.35	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.62200	0.23600	0.47398	0.02355	0.01606	17	6.28	16%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.43150	0.00100				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.44500	0.03000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.53700	0.04400				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.53700	0.01000				3			0
131.99	Methionine, Miscellaneous (%)	2053	0.39450	0.09500				3			0
131.99	Methionine, Miscellaneous (%)	2161	0.50600	0.04400				3			0
131.99	Methionine, Miscellaneous (%)	2146	0.91000	0.04000				3			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.72650	0.00900	0.76721	0.02537	0.01215	17	-1.60	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.73600	0.02800	0.76721	0.02537	0.01215	17	-1.23	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	0.74500	0.01600	0.76721	0.02537	0.01215	17	-0.88	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.75250	0.00100	0.76721	0.02537	0.01215	17	-0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.75350	0.01900	0.76721	0.02537	0.01215	17	-0.54	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.75500	0.01000	0.76721	0.02537	0.01215	17	-0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.75500	0.01000	0.76721	0.02537	0.01215	17	-0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.76000	0.00000	0.76721	0.02537	0.01215	17	-0.28	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.76100	0.00200	0.76721	0.02537	0.01215	17	-0.24	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0878	0.77350	0.01300	0.76721	0.02537	0.01215	17	0.25	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.77650	0.00300	0.76721	0.02537	0.01215	17	0.37	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.77950	0.00500	0.76721	0.02537	0.01215	17	0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.77995	0.00430	0.76721	0.02537	0.01215	17	0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.78000	0.02000	0.76721	0.02537	0.01215	17	0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.79550	0.00500	0.76721	0.02537	0.01215	17	1.11	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.81145	0.03930	0.76721	0.02537	0.01215	17	1.74	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.83900	0.02200	0.76721	0.02537	0.01215	17	2.83	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.86000	0.18000	0.76721	0.02537	0.01215	17	3.66	6%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.76900	0.01800				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.76950	0.01300	0.81038	0.02800	0.03125	4	-1.46	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.81500	0.03000	0.81038	0.02800	0.03125	4	0.17	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.82750	0.04900	0.81038	0.02800	0.03125	4	0.61	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.82950	0.03300	0.81038	0.02800	0.03125	4	0.68	1%	0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.66000	0.08000				2			0
132.99	Phenylalanine, Miscellaneous (%)	2161	0.74500	0.02400				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.2650	0.07400	1.3778	0.04653	0.02709	18	-2.43	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.3150	0.01000	1.3778	0.04653	0.02709	18	-1.35	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.3325	0.00100	1.3778	0.04653	0.02709	18	-0.97	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.3330	0.01800	1.3778	0.04653	0.02709	18	-0.96	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.3450	0.03000	1.3778	0.04653	0.02709	18	-0.71	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.3485	0.03900	1.3778	0.04653	0.02709	18	-0.63	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.3600	0.05800	1.3778	0.04653	0.02709	18	-0.38	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.3650	0.03000	1.3778	0.04653	0.02709	18	-0.28	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.3700	0.06000	1.3778	0.04653	0.02709	18	-0.17	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.3950	0.01000	1.3778	0.04653	0.02709	18	0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.4004	0.03950	1.3778	0.04653	0.02709	18	0.48	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.4050	0.05000	1.3778	0.04653	0.02709	18	0.58	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.4065	0.00300	1.3778	0.04653	0.02709	18	0.62	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.4090	0.00400	1.3778	0.04653	0.02709	18	0.67	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0878	1.4195	0.00500	1.3778	0.04653	0.02709	18	0.90	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.4200	0.02000	1.3778	0.04653	0.02709	18	0.91	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.4324	0.03510	1.3778	0.04653	0.02709	18	1.17	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.4365	0.00100	1.3778	0.04653	0.02709	18	1.26	2%	0
133.05	Proline, Pre-col AQC Der (%)	0610	1.3800	0.00000	1.4398	0.04506	0.03100	4	-1.33	2%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.4330	0.01200	1.4398	0.04506	0.03100	4	-0.15	0%	0
133.05	Proline, Pre-col AQC Der (%)	0676	1.4615	0.04900	1.4398	0.04506	0.03100	4	0.48	1%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.4845	0.06300	1.4398	0.04506	0.03100	4	0.99	2%	0
133.99	Proline, Miscellaneous (%)	2146	1.2450	0.09000				2			0
133.99	Proline, Miscellaneous (%)	2161	1.3060	0.04200				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	1.0700	0.00000	1.1657	0.03056	0.01875	17	-3.13	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.1230	0.00400	1.1657	0.03056	0.01875	17	-1.40	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.1350	0.03000	1.1657	0.03056	0.01875	17	-1.00	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.1385	0.00700	1.1657	0.03056	0.01875	17	-0.89	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.1500	0.04000	1.1657	0.03056	0.01875	17	-0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.1570	0.00400	1.1657	0.03056	0.01875	17	-0.28	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0878	1.1590	0.01000	1.1657	0.03056	0.01875	17	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.1600	0.02000	1.1657	0.03056	0.01875	17	-0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.1625	0.00300	1.1657	0.03056	0.01875	17	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	1.1750	0.03000	1.1657	0.03056	0.01875	17	0.31	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.1750	0.01000	1.1657	0.03056	0.01875	17	0.31	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.1800	0.04600	1.1657	0.03056	0.01875	17	0.47	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.1810	0.00800	1.1657	0.03056	0.01875	17	0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.1900	0.02000	1.1657	0.03056	0.01875	17	0.80	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.1965	0.01300	1.1657	0.03056	0.01875	17	1.01	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	1.2025	0.03500	1.1657	0.03056	0.01875	17	1.21	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	1.2536	0.03870	1.1657	0.03056	0.01875	17	2.88	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	1.2324	0.16460	1.1657	0.03056	0.01875	17	2.18	3%	1

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.02	Serine, Post-col OPA Der (%)	0098	1.1350	0.04200				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	1.1250	0.01000	1.1955	0.05904	0.02650	4	-1.19	3%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.1825	0.02100	1.1955	0.05904	0.02650	4	-0.22	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	1.2070	0.05000	1.1955	0.05904	0.02650	4	0.19	0%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.2675	0.02500	1.1955	0.05904	0.02650	4	1.22	3%	0
134.99	Serine, Miscellaneous (%)	2161	1.2505	0.03700				2			0
134.99	Serine, Miscellaneous (%)	2146	1.3250	0.01000				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	1.3800	0.00000	1.5215	0.03375	0.02526	18	-4.19	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.4470	0.01400	1.5215	0.03375	0.02526	18	-2.21	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.4850	0.03000	1.5215	0.03375	0.02526	18	-1.08	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.4950	0.07000	1.5215	0.03375	0.02526	18	-0.79	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.5000	0.02000	1.5215	0.03375	0.02526	18	-0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.5000	0.00000	1.5215	0.03375	0.02526	18	-0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.5080	0.00200	1.5215	0.03375	0.02526	18	-0.40	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.5200	0.02000	1.5215	0.03375	0.02526	18	-0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.5205	0.00100	1.5215	0.03375	0.02526	18	-0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.5225	0.06100	1.5215	0.03375	0.02526	18	0.03	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0878	1.5315	0.01300	1.5215	0.03375	0.02526	18	0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.5370	0.04400	1.5215	0.03375	0.02526	18	0.46	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	1.5395	0.05300	1.5215	0.03375	0.02526	18	0.53	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.5420	0.00200	1.5215	0.03375	0.02526	18	0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.5450	0.01000	1.5215	0.03375	0.02526	18	0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	1.5550	0.01000	1.5215	0.03375	0.02526	18	0.99	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	1.6152	0.04490	1.5215	0.03375	0.02526	18	2.78	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	1.6512	0.05980	1.5215	0.03375	0.02526	18	3.84	4%	0
135.02	Threonine, Post-col OPA Der (%)	0098	1.5230	0.03000				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.4525	0.00700	1.5281	0.06520	0.03825	4	-1.16	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	1.4950	0.01000	1.5281	0.06520	0.03825	4	-0.51	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.5790	0.05800	1.5281	0.06520	0.03825	4	0.78	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	1.5860	0.07800	1.5281	0.06520	0.03825	4	0.89	2%	0
135.99	Threonine, Miscellaneous (%)	2146	1.5050	0.01000				2			0
135.99	Threonine, Miscellaneous (%)	2161	1.5275	0.00300				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.31580	0.00740	0.38308	0.04229	0.00808	5	-1.59	9%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.38100	0.01000	0.38308	0.04229	0.00808	5	-0.05	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.38510	0.00000	0.38308	0.04229	0.00808	5	0.05	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.40350	0.00300	0.38308	0.04229	0.00808	5	0.48	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.43000	0.02000	0.38308	0.04229	0.00808	5	1.11	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0878	0.37800	0.00400				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.42700	0.01000				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.39250	0.02300				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.38750	0.00300	0.40140	0.01033	0.00200	5	-1.35	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.39500	0.00400	0.40140	0.01033	0.00200	5	-0.62	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.40300	0.00000	0.40140	0.01033	0.00200	5	0.15	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.40800	0.00200	0.40140	0.01033	0.00200	5	0.64	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.41350	0.00100	0.40140	0.01033	0.00200	5	1.17	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.35305	0.03830	0.60930	0.06498	0.01506	11	-3.94	21%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.54000	0.02000	0.60930	0.06498	0.01506	11	-1.07	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.54200	0.00800	0.60930	0.06498	0.01506	11	-1.04	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.58500	0.03000	0.60930	0.06498	0.01506	11	-0.37	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.61350	0.00100	0.60930	0.06498	0.01506	11	0.06	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.61500	0.01000	0.60930	0.06498	0.01506	11	0.09	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.63800	0.00000	0.60930	0.06498	0.01506	11	0.44	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.65300	0.01600	0.60930	0.06498	0.01506	11	0.67	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.65400	0.00800	0.60930	0.06498	0.01506	11	0.69	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.67450	0.00700	0.60930	0.06498	0.01506	11	1.00	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.67550	0.02740	0.60930	0.06498	0.01506	11	1.02	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.59000	0.10000	0.60930	0.06498	0.01506	11	-0.30	2%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.64200	0.00200				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.59700	0.01200	0.69288	0.06884	0.02525	4	-1.39	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.70000	0.02400	0.69288	0.06884	0.02525	4	0.10	1%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.71450	0.02500	0.69288	0.06884	0.02525	4	0.31	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.76000	0.04000	0.69288	0.06884	0.02525	4	0.98	5%	0
137.99	Tyrosine, Miscellaneous (%)	2146	0.53000	0.06000				2			0
137.99	Tyrosine, Miscellaneous (%)	2161	0.62900	0.02600				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.2000	0.02000	1.3181	0.04223	0.02381	18	-2.80	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.2550	0.01000	1.3181	0.04223	0.02381	18	-1.50	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.2650	0.01000	1.3181	0.04223	0.02381	18	-1.26	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.2850	0.01000	1.3181	0.04223	0.02381	18	-0.78	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.2975	0.01700	1.3181	0.04223	0.02381	18	-0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	1.3030	0.05360	1.3181	0.04223	0.02381	18	-0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.3050	0.05000	1.3181	0.04223	0.02381	18	-0.31	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.3185	0.04300	1.3181	0.04223	0.02381	18	0.01	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.3210	0.02000	1.3181	0.04223	0.02381	18	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.3255	0.00500	1.3181	0.04223	0.02381	18	0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.3265	0.00300	1.3181	0.04223	0.02381	18	0.20	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0878	1.3350	0.00800	1.3181	0.04223	0.02381	18	0.40	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.3400	0.00000	1.3181	0.04223	0.02381	18	0.52	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	1.3420	0.03400	1.3181	0.04223	0.02381	18	0.56	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.3450	0.00200	1.3181	0.04223	0.02381	18	0.64	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.3451	0.08290	1.3181	0.04223	0.02381	18	0.64	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.3850	0.01000	1.3181	0.04223	0.02381	18	1.58	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	1.4050	0.05000	1.3181	0.04223	0.02381	18	2.06	3%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.02	Valine, Post-col OPA Der (%)	0098	1.3380	0.01400				1			0
138.05	Valine, Pre-col AQC Der (%)	0148	1.2490	0.05600	1.3373	0.11182	0.03250	4	-0.79	3%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.2940	0.01200	1.3373	0.11182	0.03250	4	-0.39	2%	0
138.05	Valine, Pre-col AQC Der (%)	0610	1.3050	0.01000	1.3373	0.11182	0.03250	4	-0.29	1%	0
138.05	Valine, Pre-col AQC Der (%)	0676	1.5010	0.05200	1.3373	0.11182	0.03250	4	1.46	6%	0
138.99	Valine, Miscellaneous (%)	2146	1.2200	0.04000				2			0
138.99	Valine, Miscellaneous (%)	2161	1.2540	0.01600				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0941	0.15000	0.04000				1			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.04800	0.01400				1			0
139.05	Taurine, Pre-col AQC Der (%)	0148	0.03800	0.02600				1			0
139.99	Taurine, Miscellaneous (%)	2161	0.02350	0.00300				2			0
139.99	Taurine, Miscellaneous (%)	0160	0.05850	0.00100				2			0
160.99	Fructose, Miscellaneous (%)	0160	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
161.99	Galactose, Miscellaneous (%)	0160	0.00000	0.00000				0			4
162.99	Glucose, Miscellaneous (%)	0227	0.29500	0.11000				3			0
162.99	Glucose, Miscellaneous (%)	0861	0.35000	0.10000				3			0
162.99	Glucose, Miscellaneous (%)	2161	0.48000	0.00000				3			0
162.99	Glucose, Miscellaneous (%)	0160	0.00000	0.00000				3			4
162.99	Glucose, Miscellaneous (%)	0619	0.00000	0.00000				3			4
163.99	Lactose, Miscellaneous (%)	2012	24.955	0.71000	30.372	2.2856	0.25867	9	-2.37	9%	0
163.99	Lactose, Miscellaneous (%)	2161	29.130	0.00000	30.372	2.2856	0.25867	9	-0.54	2%	0
163.99	Lactose, Miscellaneous (%)	0629	29.150	0.50000	30.372	2.2856	0.25867	9	-0.53	2%	0
163.99	Lactose, Miscellaneous (%)	2128	29.726	0.09800	30.372	2.2856	0.25867	9	-0.28	1%	0
163.99	Lactose, Miscellaneous (%)	0861	29.850	0.10000	30.372	2.2856	0.25867	9	-0.23	1%	0
163.99	Lactose, Miscellaneous (%)	0160	30.800	0.80000	30.372	2.2856	0.25867	9	0.19	1%	0
163.99	Lactose, Miscellaneous (%)	0689	31.800	0.00000	30.372	2.2856	0.25867	9	0.62	2%	0
163.99	Lactose, Miscellaneous (%)	0619	32.150	0.10000	30.372	2.2856	0.25867	9	0.78	3%	0
163.99	Lactose, Miscellaneous (%)	0904	33.800	0.02000	30.372	2.2856	0.25867	9	1.50	6%	0
163.99	Lactose, Miscellaneous (%)	0227	31.975	3.6100	30.372	2.2856	0.25867	9	0.70	3%	1
164.99	Maltose, Miscellaneous (%)	0160	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0227	0.21000	0.02000				2			0
165.99	Sucrose, Miscellaneous (%)	2161	0.30000	0.00000				2			0
165.99	Sucrose, Miscellaneous (%)	0160	0.00000	0.00000				2			4
165.99	Sucrose, Miscellaneous (%)	0619	0.00000	0.00000				2			4
165.99	Sucrose, Miscellaneous (%)	0861	0.05000	0.10000				2			4
166.99	Raffinose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
167.99	Stachyose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0964	90.421	14.119	107.16	14.854	5.0009	6	-1.13	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0511	99.500	1.0000	107.16	14.854	5.0009	6	-0.52	4%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0043	100.75	0.50000	107.16	14.854	5.0009	6	-0.43	3%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0148	107.50	3.2000	107.16	14.854	5.0009	6	0.02	0%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	119.82	5.6464	107.16	14.854	5.0009	6	0.85	6%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0027	124.98	5.5400	107.16	14.854	5.0009	6	1.20	8%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0016	41.650	1.7000	92.685	36.893	3.4907	10	-1.38	28%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0910	44.500	9.0000	92.685	36.893	3.4907	10	-1.31	26%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0917	57.150	6.9000	92.685	36.893	3.4907	10	-0.96	19%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	2135	98.843	4.7470	92.685	36.893	3.4907	10	0.17	3%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0875	100.60	0.00000	92.685	36.893	3.4907	10	0.21	4%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0032	107.50	1.0000	92.685	36.893	3.4907	10	0.40	8%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0033	111.50	3.0000	92.685	36.893	3.4907	10	0.51	10%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0038	114.11	2.9600	92.685	36.893	3.4907	10	0.58	12%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0036	120.50	2.6000	92.685	36.893	3.4907	10	0.75	15%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0001	130.50	3.0000	92.685	36.893	3.4907	10	1.02	20%	0
351.04	Chlortetracycline, LC-MS (mg/kg (ppm))	2053	168.00	54.000				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0160	76.600	8.0000	107.74	28.455	8.4240	5	-1.09	14%	0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2055	92.300	1.6000	107.74	28.455	8.4240	5	-0.54	7%	0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0028	98.900	18.400	107.74	28.455	8.4240	5	-0.31	4%	0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2145	121.00	0.00000	107.74	28.455	8.4240	5	0.47	6%	0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2127	149.89	14.120	107.74	28.455	8.4240	5	1.48	20%	0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0028	110.50	12.400	133.11	13.667	6.5000	5	-1.65	8%	0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	2053	131.00	4.0000	133.11	13.667	6.5000	5	-0.15	1%	0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0016	139.00	2.0000	133.11	13.667	6.5000	5	0.43	2%	0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0910	139.40	10.000	133.11	13.667	6.5000	5	0.46	2%	0
354.01	Decoquinat e, LC (UV or FL) (mg/kg (ppm))	0218	145.65	4.1000	133.11	13.667	6.5000	5	0.92	5%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0964	107.37	1.1050	138.71	8.0335	2.0964	8	-3.90	11%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0032	133.50	3.0000	138.71	8.0335	2.0964	8	-0.65	2%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0014	135.50	7.0000	138.71	8.0335	2.0964	8	-0.40	1%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0027	136.57	0.22920	138.71	8.0335	2.0964	8	-0.27	1%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0036	140.30	0.60000	138.71	8.0335	2.0964	8	0.20	1%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0038	142.65	1.8370	138.71	8.0335	2.0964	8	0.49	1%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0001	147.00	2.0000	138.71	8.0335	2.0964	8	1.03	3%	0
354.02	Decoquinat e, LC (mg/kg (ppm))	0033	147.50	1.0000	138.71	8.0335	2.0964	8	1.09	3%	0
361.00	Lasalocid sodium, Microbiological (mg/kg (ppm))	0043	40.200	4.2000				1			0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0039	51.196	0.39410	61.164	7.6355	3.3021	8	-1.31	8%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0910	52.500	1.0000	61.164	7.6355	3.3021	8	-1.13	7%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0036	59.350	1.1000	61.164	7.6355	3.3021	8	-0.24	1%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0009	61.378	0.61930	61.164	7.6355	3.3021	8	0.03	0%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0043	63.295	1.8900	61.164	7.6355	3.3021	8	0.28	2%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0001	63.850	3.3000	61.164	7.6355	3.3021	8	0.35	2%	0

Test Material Code # 201723

Method Proficiency Testing Report

Issue Date : 04/30/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0027	66.741	8.1130	61.164	7.6355	3.3021	8	0.73	5%	0
361.02	Lasalocid sodium, LC (mg/kg (ppm))	0038	71.000	10.000	61.164	7.6355	3.3021	8	1.29	8%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0032	46.950	0.70000	59.448	10.446	3.0470	7	-1.20	11%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0218	53.700	2.2000	59.448	10.446	3.0470	7	-0.55	5%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0964	54.507	7.3892	59.448	10.446	3.0470	7	-0.47	4%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0028	57.460	7.6400	59.448	10.446	3.0470	7	-0.19	2%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0016	63.550	1.9000	59.448	10.446	3.0470	7	0.39	3%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0033	64.850	0.90000	59.448	10.446	3.0470	7	0.52	5%	0
361.03	Lasalocid sodium, LC (UV or FL) (mg/kg (ppm))	0014	75.200	0.60000	59.448	10.446	3.0470	7	1.51	13%	0
361.04	Lasalocid sodium, LC-MS (mg/kg (ppm))	2053	52.200	1.6000				1			0
361.05	Lasalocid sodium, LC-MS/MS (mg/kg (ppm))	2055	73.500	1.0000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.22670	0.00100	0.25706	0.02497	0.01120	5	-1.22	6%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.24400	0.02200	0.25706	0.02497	0.01120	5	-0.52	3%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.25000	0.01600	0.25706	0.02497	0.01120	5	-0.28	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.27610	0.01660	0.25706	0.02497	0.01120	5	0.76	4%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.28850	0.00040	0.25706	0.02497	0.01120	5	1.26	6%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.26800	0.00000				1			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.03020	0.00040				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.03200	0.00600				3			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.06050	0.00900				3			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.00000	0.00000				0			4
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.01150	0.00300				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.01345	0.00110				3			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.01450	0.00100				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	8.2650	0.43000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	9.3050	0.27000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	11.150	0.70000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	3.4950	2.3300				1			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.56450	0.05300				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	4.2713	0.00000				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.11000	0.00000				1			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.09650	0.00100				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.10650	0.01100				3			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.11875	0.00650				3			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0186	5.1950	2.3900				1			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	2.9150	0.15000				1			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.2200	0.58000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	2.2036	0.11020				1			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.91250	0.02500				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.36750	0.00500				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	3.8650	0.00600				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			
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous	0676	0.23150	0.00500					1		0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous	0676	0.07900	0.00600					1		0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous	0676	0.18700	0.06200					1		0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5	0676	0.01700	0.00200					1		0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6)	0676	0.00000	0.00000					0		4
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, 18:3-22:6	0676	0.45500	0.07000					1		0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, 18:2-22:4	0676	4.1350	0.01000					1		0

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