

Fish Meal

Animal Feed Scheme

Labs Reporting: 195

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.75000	0.10000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	6.1065	0.13010	6.6531	0.46492	0.06735	6	-1.18	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	6.2050	0.03000	6.6531	0.46492	0.06735	6	-0.96	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	6.7200	0.08000	6.6531	0.46492	0.06735	6	0.14	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	6.7970	0.08400	6.6531	0.46492	0.06735	6	0.31	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	6.9800	0.06000	6.6531	0.46492	0.06735	6	0.70	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.1100	0.02000	6.6531	0.46492	0.06735	6	0.98	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	6.6200	0.60000	6.6531	0.46492	0.06735	6	-0.07	0%	1
001.02	Loss on Drying, Vac on sand (%)	0905	5.1000	0.20000				2			0
001.02	Loss on Drying, Vac on sand (%)	2068	6.8150	0.03000				2			0
001.03	Loss on Drying, Low temp. methods (%)	0893	6.3800	0.00000	6.6038	0.16491	0.00943	8	-1.36	2%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	6.4900	0.00000	6.6038	0.16491	0.00943	8	-0.69	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	6.5650	0.01000	6.6038	0.16491	0.00943	8	-0.24	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0897	6.5650	0.05000	6.6038	0.16491	0.00943	8	-0.24	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	6.6000	0.00000	6.6038	0.16491	0.00943	8	-0.02	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	6.6350	0.01000	6.6038	0.16491	0.00943	8	0.19	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2062	6.7445	0.00540	6.6038	0.16491	0.00943	8	0.85	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	6.9900	0.00000	6.6038	0.16491	0.00943	8	2.34	3%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	6.5400	0.22000	6.6038	0.16491	0.00943	8	-0.39	0%	1
001.05	Loss on Drying, LECO (%)	0610	6.5700	0.00000				3			0
001.05	Loss on Drying, LECO (%)	0644	6.7000	0.10000				3			0
001.05	Loss on Drying, LECO (%)	2161	6.7050	0.03000				3			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	4.5470	0.00600	6.6869	0.23818	0.08643	36	-8.98	16%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	6.1000	0.20000	6.6869	0.23818	0.08643	36	-2.46	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.1550	0.01000	6.6869	0.23818	0.08643	36	-2.23	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	6.3000	0.20000	6.6869	0.23818	0.08643	36	-1.62	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	6.3800	0.08000	6.6869	0.23818	0.08643	36	-1.29	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	6.3950	0.13000	6.6869	0.23818	0.08643	36	-1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.4600	0.00000	6.6869	0.23818	0.08643	36	-0.95	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	6.4850	0.53000	6.6869	0.23818	0.08643	36	-0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0187	6.5150	0.03000	6.6869	0.23818	0.08643	36	-0.72	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	6.6000	0.00000	6.6869	0.23818	0.08643	36	-0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	6.6100	0.04000	6.6869	0.23818	0.08643	36	-0.32	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	6.6150	0.05000	6.6869	0.23818	0.08643	36	-0.30	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	6.6450	0.03000	6.6869	0.23818	0.08643	36	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	6.6500	0.00000	6.6869	0.23818	0.08643	36	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	6.6600	0.08000	6.6869	0.23818	0.08643	36	-0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.6750	0.01000	6.6869	0.23818	0.08643	36	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	6.6850	0.03000	6.6869	0.23818	0.08643	36	-0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	6.6900	0.28000	6.6869	0.23818	0.08643	36	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	6.6900	0.00000	6.6869	0.23818	0.08643	36	0.01	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	6.7040	0.00800	6.6869	0.23818	0.08643	36	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.7400	0.08000	6.6869	0.23818	0.08643	36	0.22	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	6.7450	0.05000	6.6869	0.23818	0.08643	36	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0845	6.7700	0.42000	6.6869	0.23818	0.08643	36	0.35	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.7750	0.01000	6.6869	0.23818	0.08643	36	0.37	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2145	6.8000	0.06000	6.6869	0.23818	0.08643	36	0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	6.8300	0.12000	6.6869	0.23818	0.08643	36	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.8350	0.03000	6.6869	0.23818	0.08643	36	0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	6.8400	0.14000	6.6869	0.23818	0.08643	36	0.64	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	6.8525	0.03540	6.6869	0.23818	0.08643	36	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.8700	0.02000	6.6869	0.23818	0.08643	36	0.77	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	6.8850	0.01000	6.6869	0.23818	0.08643	36	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	6.9321	0.12190	6.6869	0.23818	0.08643	36	1.03	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	6.9450	0.13000	6.6869	0.23818	0.08643	36	1.08	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.1950	0.11000	6.6869	0.23818	0.08643	36	2.13	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.7400	0.04000	6.6869	0.23818	0.08643	36	4.42	8%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.1400	0.02000	6.6869	0.23818	0.08643	36	6.10	11%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.1500	0.90000	6.6869	0.23818	0.08643	36	1.94	3%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	6.7000	0.00000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	6.8000	0.00000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0536	4.4450	0.09000	6.6381	0.47551	0.12824	25	-4.61	17%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	4.7750	0.01000	6.6381	0.47551	0.12824	25	-3.92	14%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	5.2300	0.08000	6.6381	0.47551	0.12824	25	-2.96	11%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	5.4900	0.12000	6.6381	0.47551	0.12824	25	-2.41	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.2200	0.02000	6.6381	0.47551	0.12824	25	-0.88	3%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	6.3640	0.12800	6.6381	0.47551	0.12824	25	-0.58	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.4000	0.20000	6.6381	0.47551	0.12824	25	-0.50	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.4600	0.28000	6.6381	0.47551	0.12824	25	-0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	6.5400	0.12000	6.6381	0.47551	0.12824	25	-0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	6.5550	0.27000	6.6381	0.47551	0.12824	25	-0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.6850	0.05000	6.6381	0.47551	0.12824	25	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0955	6.6900	0.04000	6.6381	0.47551	0.12824	25	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	6.6950	0.39000	6.6381	0.47551	0.12824	25	0.12	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	2053	6.7200	0.00000	6.6381	0.47551	0.12824	25	0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	6.8050	0.11000	6.6381	0.47551	0.12824	25	0.35	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	6.8107	0.02730	6.6381	0.47551	0.12824	25	0.36	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.8150	0.09000	6.6381	0.47551	0.12824	25	0.37	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2022	6.8200	0.02000	6.6381	0.47551	0.12824	25	0.38	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	6.8500	0.30000	6.6381	0.47551	0.12824	25	0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0720	6.9100	0.44000	6.6381	0.47551	0.12824	25	0.57	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	6.9779	0.07060	6.6381	0.47551	0.12824	25	0.71	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.0700	0.12000	6.6381	0.47551	0.12824	25	0.91	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.2400	0.00000	6.6381	0.47551	0.12824	25	1.27	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.3000	0.08000	6.6381	0.47551	0.12824	25	1.39	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.3250	0.15000	6.6381	0.47551	0.12824	25	1.44	5%	0
002.00	Protein, Crude (%)	0940	59.940	0.42000				3			0
002.00	Protein, Crude (%)	0845	60.520	0.66000				3			0
002.00	Protein, Crude (%)	0169	61.540	0.98000				3			0
002.01	Protein, Auto Kjeh-Foss (%)	0905	58.510	0.56000	60.435	1.4237	0.26560	10	-1.35	2%	0
002.01	Protein, Auto Kjeh-Foss (%)	0028	58.655	0.31000	60.435	1.4237	0.26560	10	-1.25	1%	0
002.01	Protein, Auto Kjeh-Foss (%)	0652	59.450	0.70000	60.435	1.4237	0.26560	10	-0.69	1%	0
002.01	Protein, Auto Kjeh-Foss (%)	0653	60.360	0.14000	60.435	1.4237	0.26560	10	-0.05	0%	0
002.01	Protein, Auto Kjeh-Foss (%)	0968	60.434	0.32600	60.435	1.4237	0.26560	10	0.00	0%	0
002.01	Protein, Auto Kjeh-Foss (%)	0199	60.665	0.03000	60.435	1.4237	0.26560	10	0.16	0%	0
002.01	Protein, Auto Kjeh-Foss (%)	0662	60.875	0.50000	60.435	1.4237	0.26560	10	0.31	0%	0
002.01	Protein, Auto Kjeh-Foss (%)	0610	61.500	0.00000	60.435	1.4237	0.26560	10	0.75	1%	0
002.01	Protein, Auto Kjeh-Foss (%)	0164	61.535	0.07000	60.435	1.4237	0.26560	10	0.77	1%	0
002.01	Protein, Auto Kjeh-Foss (%)	0685	62.370	0.02000	60.435	1.4237	0.26560	10	1.36	2%	0
002.01	Protein, Auto Kjeh-Foss (%)	0043	60.355	1.7500	60.435	1.4237	0.26560	10	-0.06	0%	1
002.01	Protein, Auto Kjeh-Foss (%)	0889	14.875	0.03000	60.435	1.4237	0.26560	10	-32.00	38%	2
002.02	Protein, Semiauto Autoanalyzer (%)	0042	59.775	0.17000				2			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	61.965	0.17000				2			0
002.04	Protein, Copper Catalyst (%)	0405	55.110	0.22000	59.335	2.5544	0.38200	5	-1.65	4%	0
002.04	Protein, Copper Catalyst (%)	0874	59.180	0.28000	59.335	2.5544	0.38200	5	-0.06	0%	0
002.04	Protein, Copper Catalyst (%)	0187	59.695	0.45000	59.335	2.5544	0.38200	5	0.14	0%	0
002.04	Protein, Copper Catalyst (%)	0728	61.255	0.29000	59.335	2.5544	0.38200	5	0.75	2%	0
002.04	Protein, Copper Catalyst (%)	0504	61.435	0.67000	59.335	2.5544	0.38200	5	0.82	2%	0
002.05	Protein, Copper, Boric Acid (%)	0675	58.470	0.24000	60.720	0.72989	0.27505	39	-3.08	2%	0
002.05	Protein, Copper, Boric Acid (%)	0622	59.681	0.18950	60.720	0.72989	0.27505	39	-1.42	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	59.703	0.39070	60.720	0.72989	0.27505	39	-1.39	1%	0
002.05	Protein, Copper, Boric Acid (%)	2006	59.720	0.22000	60.720	0.72989	0.27505	39	-1.37	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	59.778	0.07790	60.720	0.72989	0.27505	39	-1.29	1%	0
002.05	Protein, Copper, Boric Acid (%)	0921	59.860	0.00000	60.720	0.72989	0.27505	39	-1.18	1%	0
002.05	Protein, Copper, Boric Acid (%)	0552	60.055	0.01000	60.720	0.72989	0.27505	39	-0.91	1%	0

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002.05	Protein, Copper, Boric Acid (%)	2161	60.185	0.63000	60.720	0.72989	0.27505	39	-0.73	0%	0
002.05	Protein, Copper, Boric Acid (%)	2145	60.260	0.04000	60.720	0.72989	0.27505	39	-0.63	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	60.280	0.88000	60.720	0.72989	0.27505	39	-0.60	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	60.370	0.02000	60.720	0.72989	0.27505	39	-0.48	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	60.371	0.08710	60.720	0.72989	0.27505	39	-0.48	0%	0
002.05	Protein, Copper, Boric Acid (%)	0619	60.400	0.80000	60.720	0.72989	0.27505	39	-0.44	0%	0
002.05	Protein, Copper, Boric Acid (%)	2066	60.445	0.55000	60.720	0.72989	0.27505	39	-0.38	0%	0
002.05	Protein, Copper, Boric Acid (%)	0955	60.450	0.10000	60.720	0.72989	0.27505	39	-0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	2062	60.459	0.01750	60.720	0.72989	0.27505	39	-0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	0536	60.535	0.25000	60.720	0.72989	0.27505	39	-0.25	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	60.570	0.20500	60.720	0.72989	0.27505	39	-0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0941	60.665	1.3700	60.720	0.72989	0.27505	39	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	60.670	0.02000	60.720	0.72989	0.27505	39	-0.07	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	60.675	0.01000	60.720	0.72989	0.27505	39	-0.06	0%	0
002.05	Protein, Copper, Boric Acid (%)	2109	60.700	0.06000	60.720	0.72989	0.27505	39	-0.03	0%	0
002.05	Protein, Copper, Boric Acid (%)	2146	60.880	1.6800	60.720	0.72989	0.27505	39	0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	2144	60.885	0.13000	60.720	0.72989	0.27505	39	0.23	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	60.910	0.14000	60.720	0.72989	0.27505	39	0.26	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	60.980	0.14100	60.720	0.72989	0.27505	39	0.36	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	61.015	0.79000	60.720	0.72989	0.27505	39	0.40	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	61.105	0.15000	60.720	0.72989	0.27505	39	0.53	0%	0
002.05	Protein, Copper, Boric Acid (%)	0852	61.205	0.17000	60.720	0.72989	0.27505	39	0.67	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	61.235	0.01000	60.720	0.72989	0.27505	39	0.71	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	61.315	0.01000	60.720	0.72989	0.27505	39	0.82	0%	0
002.05	Protein, Copper, Boric Acid (%)	2068	61.385	0.03000	60.720	0.72989	0.27505	39	0.91	1%	0
002.05	Protein, Copper, Boric Acid (%)	2022	61.595	0.05000	60.720	0.72989	0.27505	39	1.20	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	61.600	0.40000	60.720	0.72989	0.27505	39	1.21	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	61.647	0.10460	60.720	0.72989	0.27505	39	1.27	1%	0
002.05	Protein, Copper, Boric Acid (%)	0897	61.665	0.13000	60.720	0.72989	0.27505	39	1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0939	61.670	0.18000	60.720	0.72989	0.27505	39	1.30	1%	0
002.05	Protein, Copper, Boric Acid (%)	0893	61.700	0.00000	60.720	0.72989	0.27505	39	1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0722	61.987	0.44360	60.720	0.72989	0.27505	39	1.74	1%	0
002.05	Protein, Copper, Boric Acid (%)	0623	62.202	2.2800	60.720	0.72989	0.27505	39	2.03	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	59.210	0.02000	61.544	0.77983	0.52900	119	-2.99	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	59.600	0.00000	61.544	0.77983	0.52900	119	-2.49	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	59.910	0.10000	61.544	0.77983	0.52900	119	-2.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	60.055	0.41000	61.544	0.77983	0.52900	119	-1.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	60.070	0.22000	61.544	0.77983	0.52900	119	-1.89	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	60.105	1.2900	61.544	0.77983	0.52900	119	-1.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	60.160	1.6800	61.544	0.77983	0.52900	119	-1.78	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0043	60.310	0.88000	61.544	0.77983	0.52900	119	-1.58	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 (%)	0872	60.347	0.15600	61.544	0.77983	0.52900	119	-1.54	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0884	60.500	0.40000	61.544	0.77983	0.52900	119	-1.34	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	60.530	1.7800	61.544	0.77983	0.52900	119	-1.30	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	60.565	0.03000	61.544	0.77983	0.52900	119	-1.26	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0650	60.575	1.1300	61.544	0.77983	0.52900	119	-1.24	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0508	60.607	2.2850	61.544	0.77983	0.52900	119	-1.20	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	60.630	0.26000	61.544	0.77983	0.52900	119	-1.17	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	60.700	0.00000	61.544	0.77983	0.52900	119	-1.08	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	60.725	0.25000	61.544	0.77983	0.52900	119	-1.05	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	60.800	0.20000	61.544	0.77983	0.52900	119	-0.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0676	60.815	0.25000	61.544	0.77983	0.52900	119	-0.94	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	60.830	0.00000	61.544	0.77983	0.52900	119	-0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	60.834	0.14500	61.544	0.77983	0.52900	119	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0878	60.835	0.39000	61.544	0.77983	0.52900	119	-0.91	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	60.870	0.06000	61.544	0.77983	0.52900	119	-0.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	60.900	0.20000	61.544	0.77983	0.52900	119	-0.83	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	60.905	1.2500	61.544	0.77983	0.52900	119	-0.82	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0646	60.910	0.34000	61.544	0.77983	0.52900	119	-0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	60.910	0.56000	61.544	0.77983	0.52900	119	-0.81	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	60.970	0.32000	61.544	0.77983	0.52900	119	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	60.985	1.2300	61.544	0.77983	0.52900	119	-0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	61.005	0.73000	61.544	0.77983	0.52900	119	-0.69	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	61.015	1.2630	61.544	0.77983	0.52900	119	-0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	61.040	1.2200	61.544	0.77983	0.52900	119	-0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	61.050	0.06000	61.544	0.77983	0.52900	119	-0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	61.100	0.20000	61.544	0.77983	0.52900	119	-0.57	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	61.115	0.23000	61.544	0.77983	0.52900	119	-0.55	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0298	61.120	0.02000	61.544	0.77983	0.52900	119	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	61.135	0.05000	61.544	0.77983	0.52900	119	-0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	61.140	0.00000	61.544	0.77983	0.52900	119	-0.52	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	61.150	0.70000	61.544	0.77983	0.52900	119	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	61.175	0.77000	61.544	0.77983	0.52900	119	-0.47	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	61.185	0.37000	61.544	0.77983	0.52900	119	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	61.199	0.00650	61.544	0.77983	0.52900	119	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	61.205	0.27000	61.544	0.77983	0.52900	119	-0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	61.265	1.1100	61.544	0.77983	0.52900	119	-0.36	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2171	61.310	1.1600	61.544	0.77983	0.52900	119	-0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	61.327	0.32810	61.544	0.77983	0.52900	119	-0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	61.330	0.02000	61.544	0.77983	0.52900	119	-0.27	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0006	61.380	1.5400	61.544	0.77983	0.52900	119	-0.21	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	61.383	0.37190	61.544	0.77983	0.52900	119	-0.21	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 (%)	0413	61.400	0.00000	61.544	0.77983	0.52900	119	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0425	61.400	0.06000	61.544	0.77983	0.52900	119	-0.19	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	61.420	0.14000	61.544	0.77983	0.52900	119	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0300	61.424	0.14700	61.544	0.77983	0.52900	119	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0626	61.437	0.27400	61.544	0.77983	0.52900	119	-0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	61.460	0.26000	61.544	0.77983	0.52900	119	-0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	61.485	0.23000	61.544	0.77983	0.52900	119	-0.08	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	61.495	0.23000	61.544	0.77983	0.52900	119	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	61.520	0.01600	61.544	0.77983	0.52900	119	-0.03	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	61.550	0.10000	61.544	0.77983	0.52900	119	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	61.555	1.2100	61.544	0.77983	0.52900	119	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	61.560	2.1600	61.544	0.77983	0.52900	119	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	61.560	0.04000	61.544	0.77983	0.52900	119	0.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0720	61.580	1.1400	61.544	0.77983	0.52900	119	0.05	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	61.635	0.13000	61.544	0.77983	0.52900	119	0.12	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0160	61.650	1.7000	61.544	0.77983	0.52900	119	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	61.650	0.30000	61.544	0.77983	0.52900	119	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	61.650	0.10000	61.544	0.77983	0.52900	119	0.14	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	61.660	0.96000	61.544	0.77983	0.52900	119	0.15	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	61.700	0.20000	61.544	0.77983	0.52900	119	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	61.735	0.11000	61.544	0.77983	0.52900	119	0.24	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	61.750	0.46000	61.544	0.77983	0.52900	119	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0910	61.750	0.10000	61.544	0.77983	0.52900	119	0.26	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	61.770	0.04000	61.544	0.77983	0.52900	119	0.29	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	61.785	1.3700	61.544	0.77983	0.52900	119	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	61.790	1.5200	61.544	0.77983	0.52900	119	0.31	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	61.800	0.20000	61.544	0.77983	0.52900	119	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	61.810	0.30000	61.544	0.77983	0.52900	119	0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	61.830	0.48000	61.544	0.77983	0.52900	119	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	61.830	0.28000	61.544	0.77983	0.52900	119	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	61.835	0.39000	61.544	0.77983	0.52900	119	0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	61.875	0.35000	61.544	0.77983	0.52900	119	0.42	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	61.890	0.00000	61.544	0.77983	0.52900	119	0.44	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	61.940	1.3200	61.544	0.77983	0.52900	119	0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	62.000	0.00000	61.544	0.77983	0.52900	119	0.58	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	62.005	0.35000	61.544	0.77983	0.52900	119	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	62.025	0.85000	61.544	0.77983	0.52900	119	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0199	62.030	0.08000	61.544	0.77983	0.52900	119	0.62	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	62.035	0.07000	61.544	0.77983	0.52900	119	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0294	62.050	0.10000	61.544	0.77983	0.52900	119	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	62.050	0.30000	61.544	0.77983	0.52900	119	0.65	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 (%)	0265	62.055	0.49000	61.544	0.77983	0.52900	119	0.65	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	62.075	0.35000	61.544	0.77983	0.52900	119	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	62.088	0.55400	61.544	0.77983	0.52900	119	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	62.210	0.16000	61.544	0.77983	0.52900	119	0.85	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	62.220	0.20650	61.544	0.77983	0.52900	119	0.87	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	62.230	0.14000	61.544	0.77983	0.52900	119	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	62.234	0.95600	61.544	0.77983	0.52900	119	0.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	62.260	0.42000	61.544	0.77983	0.52900	119	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2161	62.260	0.84000	61.544	0.77983	0.52900	119	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	62.265	0.33000	61.544	0.77983	0.52900	119	0.92	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	62.295	0.05000	61.544	0.77983	0.52900	119	0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	62.296	1.2080	61.544	0.77983	0.52900	119	0.96	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	62.300	0.20000	61.544	0.77983	0.52900	119	0.97	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	62.400	0.60000	61.544	0.77983	0.52900	119	1.10	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	62.500	1.0000	61.544	0.77983	0.52900	119	1.23	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	62.531	0.81250	61.544	0.77983	0.52900	119	1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	62.540	0.40000	61.544	0.77983	0.52900	119	1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	62.550	1.5000	61.544	0.77983	0.52900	119	1.29	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	62.605	0.01000	61.544	0.77983	0.52900	119	1.36	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	62.675	0.01000	61.544	0.77983	0.52900	119	1.45	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2075	62.785	0.57000	61.544	0.77983	0.52900	119	1.59	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2155	62.790	0.56000	61.544	0.77983	0.52900	119	1.60	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	62.825	0.15000	61.544	0.77983	0.52900	119	1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	62.855	0.79000	61.544	0.77983	0.52900	119	1.68	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	62.875	0.10100	61.544	0.77983	0.52900	119	1.71	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0051	63.050	2.3000	61.544	0.77983	0.52900	119	1.93	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	63.790	0.60000	61.544	0.77983	0.52900	119	2.88	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	64.030	2.5600	61.544	0.77983	0.52900	119	3.19	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	65.450	0.76000	61.544	0.77983	0.52900	119	5.01	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	60.225	3.8900	61.544	0.77983	0.52900	119	-1.69	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	61.436	3.0110	61.544	0.77983	0.52900	119	-0.14	0%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0618	9.6853	0.11570	61.544	0.77983	0.52900	119	-66.50	42%	2
002.08	Protein, Cu/Ti (%)	0563	60.268	0.49570				2			0
002.08	Protein, Cu/Ti (%)	0098	60.990	0.26000				2			0
002.10	Protein, Block dig/distillation (%)	0629	58.830	1.1000				1			0
002.11	Protein, NIR (%)	0889	54.485	0.01000	58.170	3.7469	0.04000	5	-0.98	3%	0
002.11	Protein, NIR (%)	0852	54.740	0.10000	58.170	3.7469	0.04000	5	-0.92	3%	0
002.11	Protein, NIR (%)	0297	58.370	0.00000	58.170	3.7469	0.04000	5	0.05	0%	0
002.11	Protein, NIR (%)	2121	59.775	0.01000	58.170	3.7469	0.04000	5	0.43	1%	0
002.11	Protein, NIR (%)	0720	63.480	0.08000	58.170	3.7469	0.04000	5	1.42	5%	0
002.11	Protein, NIR (%)	2120	59.315	0.41000	58.170	3.7469	0.04000	5	0.31	1%	1

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.12	Protein, Crude Dig % Crude Protein (%)	2006	94.660	0.00000				1			0
002.99	Protein, Miscellaneous (%)	0643	60.430	0.46000				3			0
002.99	Protein, Miscellaneous (%)	2004	62.100	0.20000				3			0
002.99	Protein, Miscellaneous (%)	2105	63.890	0.00000				3			0
003.00	Fat, Eth Ext., Direct (%)	0615	9.0550	0.39000	9.3462	0.26522	0.16243	9	-1.10	2%	0
003.00	Fat, Eth Ext., Direct (%)	0309	9.1165	0.04970	9.3462	0.26522	0.16243	9	-0.87	1%	0
003.00	Fat, Eth Ext., Direct (%)	0026	9.1450	0.07000	9.3462	0.26522	0.16243	9	-0.76	1%	0
003.00	Fat, Eth Ext., Direct (%)	2109	9.2400	0.04000	9.3462	0.26522	0.16243	9	-0.40	1%	0
003.00	Fat, Eth Ext., Direct (%)	0653	9.3100	0.16000	9.3462	0.26522	0.16243	9	-0.14	0%	0
003.00	Fat, Eth Ext., Direct (%)	0345	9.3750	0.25000	9.3462	0.26522	0.16243	9	0.11	0%	0
003.00	Fat, Eth Ext., Direct (%)	0142	9.5350	0.39000	9.3462	0.26522	0.16243	9	0.71	1%	0
003.00	Fat, Eth Ext., Direct (%)	0175	9.6450	0.07000	9.3462	0.26522	0.16243	9	1.13	2%	0
003.00	Fat, Eth Ext., Direct (%)	0885	9.6943	0.04220	9.3462	0.26522	0.16243	9	1.31	2%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	9.1900	0.24000				1			0
003.06	Fat, Pet Ether (%)	0083	9.0350	0.21000	9.5752	0.26149	0.12312	20	-2.07	3%	0
003.06	Fat, Pet Ether (%)	0297	9.1400	0.00000	9.5752	0.26149	0.12312	20	-1.66	2%	0
003.06	Fat, Pet Ether (%)	0563	9.2228	0.04240	9.5752	0.26149	0.12312	20	-1.35	2%	0
003.06	Fat, Pet Ether (%)	0552	9.2950	0.27000	9.5752	0.26149	0.12312	20	-1.07	1%	0
003.06	Fat, Pet Ether (%)	0294	9.3050	0.01000	9.5752	0.26149	0.12312	20	-1.03	1%	0
003.06	Fat, Pet Ether (%)	0644	9.4100	0.10000	9.5752	0.26149	0.12312	20	-0.63	1%	0
003.06	Fat, Pet Ether (%)	0918	9.4900	0.40000	9.5752	0.26149	0.12312	20	-0.33	0%	0
003.06	Fat, Pet Ether (%)	0229	9.5250	0.07000	9.5752	0.26149	0.12312	20	-0.19	0%	0
003.06	Fat, Pet Ether (%)	0689	9.6500	0.10000	9.5752	0.26149	0.12312	20	0.29	0%	0
003.06	Fat, Pet Ether (%)	0682	9.6500	0.00000	9.5752	0.26149	0.12312	20	0.29	0%	0
003.06	Fat, Pet Ether (%)	0425	9.6700	0.04000	9.5752	0.26149	0.12312	20	0.36	0%	0
003.06	Fat, Pet Ether (%)	0910	9.6700	0.26000	9.5752	0.26149	0.12312	20	0.36	0%	0
003.06	Fat, Pet Ether (%)	0511	9.6850	0.05000	9.5752	0.26149	0.12312	20	0.42	1%	0
003.06	Fat, Pet Ether (%)	0687	9.7250	0.15000	9.5752	0.26149	0.12312	20	0.57	1%	0
003.06	Fat, Pet Ether (%)	0148	9.7750	0.05000	9.5752	0.26149	0.12312	20	0.76	1%	0
003.06	Fat, Pet Ether (%)	2171	9.7750	0.11000	9.5752	0.26149	0.12312	20	0.76	1%	0
003.06	Fat, Pet Ether (%)	0884	9.8000	0.20000	9.5752	0.26149	0.12312	20	0.86	1%	0
003.06	Fat, Pet Ether (%)	0164	9.8050	0.05000	9.5752	0.26149	0.12312	20	0.88	1%	0
003.06	Fat, Pet Ether (%)	0300	9.8400	0.18000	9.5752	0.26149	0.12312	20	1.01	1%	0
003.06	Fat, Pet Ether (%)	0199	9.8450	0.17000	9.5752	0.26149	0.12312	20	1.03	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	7.3000	0.20000	9.1586	0.41831	0.16814	16	-4.44	10%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	8.3800	0.02000	9.1586	0.41831	0.16814	16	-1.86	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	8.6750	0.29000	9.1586	0.41831	0.16814	16	-1.16	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	8.9650	0.09000	9.1586	0.41831	0.16814	16	-0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0675	8.9650	0.49000	9.1586	0.41831	0.16814	16	-0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	9.0355	0.06230	9.1586	0.41831	0.16814	16	-0.29	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	9.0583	0.01660	9.1586	0.41831	0.16814	16	-0.24	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Soxtec, Eth Ext (%)	2012	9.1000	0.12000	9.1586	0.41831	0.16814	16	-0.14	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0508	9.1157	0.51930	9.1586	0.41831	0.16814	16	-0.10	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	9.3500	0.08000	9.1586	0.41831	0.16814	16	0.46	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	9.4600	0.06000	9.1586	0.41831	0.16814	16	0.72	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	9.5000	0.52000	9.1586	0.41831	0.16814	16	0.82	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	9.5150	0.09000	9.1586	0.41831	0.16814	16	0.85	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	9.5300	0.04000	9.1586	0.41831	0.16814	16	0.89	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0849	9.5310	0.04200	9.1586	0.41831	0.16814	16	0.89	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	9.6750	0.05000	9.1586	0.41831	0.16814	16	1.23	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	6.4150	0.19000	9.1050	0.35389	0.15388	26	-7.60	15%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	8.5800	0.16000	9.1050	0.35389	0.15388	26	-1.48	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	8.7000	0.18000	9.1050	0.35389	0.15388	26	-1.14	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	8.7900	0.08000	9.1050	0.35389	0.15388	26	-0.89	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	8.8350	0.57000	9.1050	0.35389	0.15388	26	-0.76	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2022	8.8700	0.12000	9.1050	0.35389	0.15388	26	-0.66	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	8.8735	0.21280	9.1050	0.35389	0.15388	26	-0.65	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0720	8.9000	0.12000	9.1050	0.35389	0.15388	26	-0.58	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	8.9050	0.11000	9.1050	0.35389	0.15388	26	-0.57	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0051	8.9500	0.10000	9.1050	0.35389	0.15388	26	-0.44	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	8.9600	0.14000	9.1050	0.35389	0.15388	26	-0.41	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	8.9650	0.07000	9.1050	0.35389	0.15388	26	-0.40	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0662	8.9797	0.14570	9.1050	0.35389	0.15388	26	-0.35	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	9.0300	0.00000	9.1050	0.35389	0.15388	26	-0.21	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	2089	9.1550	0.07000	9.1050	0.35389	0.15388	26	0.14	0%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	9.2080	0.19600	9.1050	0.35389	0.15388	26	0.29	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0298	9.3100	0.02000	9.1050	0.35389	0.15388	26	0.58	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	9.3465	0.23100	9.1050	0.35389	0.15388	26	0.68	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	9.3550	0.01000	9.1050	0.35389	0.15388	26	0.71	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	9.3950	0.19000	9.1050	0.35389	0.15388	26	0.82	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	9.4050	0.29000	9.1050	0.35389	0.15388	26	0.85	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	9.4567	0.00530	9.1050	0.35389	0.15388	26	0.99	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	9.5000	0.20000	9.1050	0.35389	0.15388	26	1.12	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0878	9.5200	0.10000	9.1050	0.35389	0.15388	26	1.17	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	9.5300	0.06000	9.1050	0.35389	0.15388	26	1.20	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	9.9450	0.43000	9.1050	0.35389	0.15388	26	2.37	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	8.8000	1.4000	9.1050	0.35389	0.15388	26	-0.86	2%	1
003.10	Fat, Soxtec, Pet Ether (%)	2009	0.92970	0.00180	9.1050	0.35389	0.15388	26	-23.10	45%	2
003.11	Fat, NIR (%)	0889	9.1500	0.10000	10.132	0.87355	0.09667	6	-1.12	5%	0
003.11	Fat, NIR (%)	2120	9.5550	0.01000	10.132	0.87355	0.09667	6	-0.66	3%	0
003.11	Fat, NIR (%)	2121	9.7300	0.26000	10.132	0.87355	0.09667	6	-0.46	2%	0
003.11	Fat, NIR (%)	0720	10.535	0.15000	10.132	0.87355	0.09667	6	0.46	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	0852	10.650	0.06000	10.132	0.87355	0.09667	6	0.59	3%	0
003.11	Fat, NIR (%)	0297	11.170	0.00000	10.132	0.87355	0.09667	6	1.19	5%	0
003.12	Fat, Hexane Ext (%)	0895	9.2550	0.01000	9.4126	0.14773	0.03218	5	-1.07	1%	0
003.12	Fat, Hexane Ext (%)	0903	9.2850	0.01000	9.4126	0.14773	0.03218	5	-0.86	1%	0
003.12	Fat, Hexane Ext (%)	2062	9.3978	0.09090	9.4126	0.14773	0.03218	5	-0.10	0%	0
003.12	Fat, Hexane Ext (%)	0893	9.5400	0.00000	9.4126	0.14773	0.03218	5	0.86	1%	0
003.12	Fat, Hexane Ext (%)	0171	9.5850	0.05000	9.4126	0.14773	0.03218	5	1.17	1%	0
003.12	Fat, Hexane Ext (%)	0940	9.0000	0.34000	9.4126	0.14773	0.03218	5	-2.79	2%	1
003.13	Fat, Soxtec, Hexane Ext. (%)	0187	9.1650	0.01000	9.4431	0.35041	0.15857	7	-0.79	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0028	9.2350	0.15000	9.4431	0.35041	0.15857	7	-0.59	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	9.2700	0.16000	9.4431	0.35041	0.15857	7	-0.49	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	9.2780	0.12000	9.4431	0.35041	0.15857	7	-0.47	1%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0646	9.4000	0.16000	9.4431	0.35041	0.15857	7	-0.12	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	9.7850	0.43000	9.4431	0.35041	0.15857	7	0.98	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	10.260	0.08000	9.4431	0.35041	0.15857	7	2.33	4%	0
003.14	Fat, Ankom (%)	0574	7.9300	0.08000	9.2384	0.36006	0.15578	37	-3.63	7%	0
003.14	Fat, Ankom (%)	0357	8.3500	0.10000	9.2384	0.36006	0.15578	37	-2.47	5%	0
003.14	Fat, Ankom (%)	0682	8.6600	0.00000	9.2384	0.36006	0.15578	37	-1.61	3%	0
003.14	Fat, Ankom (%)	0848	8.7250	0.29000	9.2384	0.36006	0.15578	37	-1.43	3%	0
003.14	Fat, Ankom (%)	0581	8.8750	0.11000	9.2384	0.36006	0.15578	37	-1.01	2%	0
003.14	Fat, Ankom (%)	0019	8.9350	0.01000	9.2384	0.36006	0.15578	37	-0.84	2%	0
003.14	Fat, Ankom (%)	0278	8.9500	0.30000	9.2384	0.36006	0.15578	37	-0.80	2%	0
003.14	Fat, Ankom (%)	0843	8.9500	0.06000	9.2384	0.36006	0.15578	37	-0.80	2%	0
003.14	Fat, Ankom (%)	0265	9.0500	0.12000	9.2384	0.36006	0.15578	37	-0.52	1%	0
003.14	Fat, Ankom (%)	0520	9.0600	0.34000	9.2384	0.36006	0.15578	37	-0.50	1%	0
003.14	Fat, Ankom (%)	0037	9.0850	0.11000	9.2384	0.36006	0.15578	37	-0.43	1%	0
003.14	Fat, Ankom (%)	0186	9.0950	0.17000	9.2384	0.36006	0.15578	37	-0.40	1%	0
003.14	Fat, Ankom (%)	0358	9.1150	0.03000	9.2384	0.36006	0.15578	37	-0.34	1%	0
003.14	Fat, Ankom (%)	0108	9.1200	0.22000	9.2384	0.36006	0.15578	37	-0.33	1%	0
003.14	Fat, Ankom (%)	0529	9.1250	0.59000	9.2384	0.36006	0.15578	37	-0.32	1%	0
003.14	Fat, Ankom (%)	0955	9.1350	0.21000	9.2384	0.36006	0.15578	37	-0.29	1%	0
003.14	Fat, Ankom (%)	0202	9.1760	0.10600	9.2384	0.36006	0.15578	37	-0.17	0%	0
003.14	Fat, Ankom (%)	0144	9.1800	0.28000	9.2384	0.36006	0.15578	37	-0.16	0%	0
003.14	Fat, Ankom (%)	0598	9.2100	0.12000	9.2384	0.36006	0.15578	37	-0.08	0%	0
003.14	Fat, Ankom (%)	0066	9.2225	0.05500	9.2384	0.36006	0.15578	37	-0.04	0%	0
003.14	Fat, Ankom (%)	0089	9.2300	0.00000	9.2384	0.36006	0.15578	37	-0.02	0%	0
003.14	Fat, Ankom (%)	0049	9.2850	0.19000	9.2384	0.36006	0.15578	37	0.13	0%	0
003.14	Fat, Ankom (%)	0692	9.3000	0.20000	9.2384	0.36006	0.15578	37	0.17	0%	0
003.14	Fat, Ankom (%)	0968	9.3170	0.00400	9.2384	0.36006	0.15578	37	0.22	0%	0
003.14	Fat, Ankom (%)	0175	9.3400	0.28000	9.2384	0.36006	0.15578	37	0.28	1%	0
003.14	Fat, Ankom (%)	0034	9.3750	0.37000	9.2384	0.36006	0.15578	37	0.38	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0948	9.3850	0.15000	9.2384	0.36006	0.15578	37	0.41	1%	0
003.14	Fat, Ankom (%)	0683	9.4050	0.21000	9.2384	0.36006	0.15578	37	0.46	1%	0
003.14	Fat, Ankom (%)	0009	9.4550	0.05000	9.2384	0.36006	0.15578	37	0.60	1%	0
003.14	Fat, Ankom (%)	0229	9.5250	0.03000	9.2384	0.36006	0.15578	37	0.80	2%	0
003.14	Fat, Ankom (%)	2129	9.6400	0.00000	9.2384	0.36006	0.15578	37	1.12	2%	0
003.14	Fat, Ankom (%)	0407	9.6470	0.02880	9.2384	0.36006	0.15578	37	1.13	2%	0
003.14	Fat, Ankom (%)	0190	9.7000	0.04000	9.2384	0.36006	0.15578	37	1.28	2%	0
003.14	Fat, Ankom (%)	0619	9.8200	0.02000	9.2384	0.36006	0.15578	37	1.62	3%	0
003.14	Fat, Ankom (%)	0413	9.8500	0.70000	9.2384	0.36006	0.15578	37	1.70	3%	0
003.14	Fat, Ankom (%)	0726	9.9600	0.02000	9.2384	0.36006	0.15578	37	2.00	4%	0
003.14	Fat, Ankom (%)	2075	10.145	0.17000	9.2384	0.36006	0.15578	37	2.52	5%	0
003.14	Fat, Ankom (%)	0003	8.6000	2.0000	9.2384	0.36006	0.15578	37	-1.77	3%	1
003.99	Fat, Miscellaneous (%)	0880	2.8500	1.5000	8.9230	3.5328	0.53400	5	-6.73	36%	0
003.99	Fat, Miscellaneous (%)	0536	9.3450	0.17000	8.9230	3.5328	0.53400	5	-0.97	5%	0
003.99	Fat, Miscellaneous (%)	0047	9.8500	0.00000	8.9230	3.5328	0.53400	5	-0.52	3%	0
003.99	Fat, Miscellaneous (%)	0941	10.635	0.39000	8.9230	3.5328	0.53400	5	0.17	1%	0
003.99	Fat, Miscellaneous (%)	2161	11.935	0.61000	8.9230	3.5328	0.53400	5	1.32	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	2066	0.07000	0.02000	0.39854	0.18955	0.07513	15	-1.73	41%	0
004.00	Fiber, Crude, Asbestos Free (%)	2171	0.21500	0.03000	0.39854	0.18955	0.07513	15	-0.97	23%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	0.22350	0.01900	0.39854	0.18955	0.07513	15	-0.92	22%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	0.25460	0.00000	0.39854	0.18955	0.07513	15	-0.76	18%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	0.34500	0.01000	0.39854	0.18955	0.07513	15	-0.28	7%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	0.35000	0.10000	0.39854	0.18955	0.07513	15	-0.26	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	0.35000	0.10000	0.39854	0.18955	0.07513	15	-0.26	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	0.36000	0.04000	0.39854	0.18955	0.07513	15	-0.20	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	0.42500	0.05000	0.39854	0.18955	0.07513	15	0.14	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	0.42500	0.06000	0.39854	0.18955	0.07513	15	0.14	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	0.44000	0.04800	0.39854	0.18955	0.07513	15	0.22	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	0.52000	0.10000	0.39854	0.18955	0.07513	15	0.64	15%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	0.59000	0.02000	0.39854	0.18955	0.07513	15	1.01	24%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	0.70500	0.23000	0.39854	0.18955	0.07513	15	1.62	38%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	0.95000	0.30000	0.39854	0.18955	0.07513	15	2.91	69%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	0.00000	0.00000	0.39854	0.18955	0.07513	15			4
004.01	Fiber, Sing Filt (%)	0366	0.60000	0.00000				1			0
004.03	Fiber, Fritted Glass (%)	0353	0.15000	0.28000	0.45327	0.36491	0.19158	5	-0.83	33%	0
004.03	Fiber, Fritted Glass (%)	0921	0.17000	0.04000	0.45327	0.36491	0.19158	5	-0.78	31%	0
004.03	Fiber, Fritted Glass (%)	0693	0.33135	0.06790	0.45327	0.36491	0.19158	5	-0.33	13%	0
004.03	Fiber, Fritted Glass (%)	0045	0.59000	0.16000	0.45327	0.36491	0.19158	5	0.37	15%	0
004.03	Fiber, Fritted Glass (%)	2089	1.0250	0.41000	0.45327	0.36491	0.19158	5	1.57	63%	0
004.06	Fiber, Fibertec (%)	0720	0.07500	0.05000	0.36434	0.20594	0.05959	20	-1.40	40%	0
004.06	Fiber, Fibertec (%)	0676	0.18000	0.08000	0.36434	0.20594	0.05959	20	-0.90	25%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Fibertec (%)	0941	0.20000	0.00000	0.36434	0.20594	0.05959	20	-0.80	23%	0
004.06	Fiber, Fibertec (%)	0098	0.21000	0.04000	0.36434	0.20594	0.05959	20	-0.75	21%	0
004.06	Fiber, Fibertec (%)	2006	0.23500	0.05000	0.36434	0.20594	0.05959	20	-0.63	18%	0
004.06	Fiber, Fibertec (%)	2145	0.23500	0.01000	0.36434	0.20594	0.05959	20	-0.63	18%	0
004.06	Fiber, Fibertec (%)	0675	0.25500	0.03000	0.36434	0.20594	0.05959	20	-0.53	15%	0
004.06	Fiber, Fibertec (%)	0948	0.26000	0.12000	0.36434	0.20594	0.05959	20	-0.51	14%	0
004.06	Fiber, Fibertec (%)	0878	0.27000	0.06000	0.36434	0.20594	0.05959	20	-0.46	13%	0
004.06	Fiber, Fibertec (%)	2149	0.29500	0.05000	0.36434	0.20594	0.05959	20	-0.34	10%	0
004.06	Fiber, Fibertec (%)	0689	0.30000	0.20000	0.36434	0.20594	0.05959	20	-0.31	9%	0
004.06	Fiber, Fibertec (%)	0199	0.35500	0.03000	0.36434	0.20594	0.05959	20	-0.05	1%	0
004.06	Fiber, Fibertec (%)	2062	0.36580	0.07400	0.36434	0.20594	0.05959	20	0.01	0%	0
004.06	Fiber, Fibertec (%)	0968	0.37450	0.01500	0.36434	0.20594	0.05959	20	0.05	1%	0
004.06	Fiber, Fibertec (%)	0205	0.55500	0.09000	0.36434	0.20594	0.05959	20	0.93	26%	0
004.06	Fiber, Fibertec (%)	0845	0.56500	0.11000	0.36434	0.20594	0.05959	20	0.97	28%	0
004.06	Fiber, Fibertec (%)	0964	0.59000	0.14000	0.36434	0.20594	0.05959	20	1.10	31%	0
004.06	Fiber, Fibertec (%)	0918	0.62000	0.02000	0.36434	0.20594	0.05959	20	1.24	35%	0
004.06	Fiber, Fibertec (%)	0722	0.67765	0.00270	0.36434	0.20594	0.05959	20	1.52	43%	0
004.06	Fiber, Fibertec (%)	0905	1.0900	0.02000	0.36434	0.20594	0.05959	20	3.52	100%	0
004.06	Fiber, Fibertec (%)	0609	0.00000	0.00000	0.36434	0.20594	0.05959	20			4
004.07	Fiber, ANKOM (%)	0100	0.16500	0.01000	0.86582	0.54271	0.15363	49	-1.29	40%	0
004.07	Fiber, ANKOM (%)	2146	0.19000	0.04000	0.86582	0.54271	0.15363	49	-1.25	39%	0
004.07	Fiber, ANKOM (%)	0413	0.20000	0.00000	0.86582	0.54271	0.15363	49	-1.23	38%	0
004.07	Fiber, ANKOM (%)	0265	0.22500	0.01000	0.86582	0.54271	0.15363	49	-1.18	37%	0
004.07	Fiber, ANKOM (%)	0653	0.28000	0.02000	0.86582	0.54271	0.15363	49	-1.08	34%	0
004.07	Fiber, ANKOM (%)	0505	0.30500	0.15000	0.86582	0.54271	0.15363	49	-1.03	32%	0
004.07	Fiber, ANKOM (%)	0683	0.34500	0.07000	0.86582	0.54271	0.15363	49	-0.96	30%	0
004.07	Fiber, ANKOM (%)	0294	0.35000	0.10000	0.86582	0.54271	0.15363	49	-0.95	30%	0
004.07	Fiber, ANKOM (%)	0354	0.40000	0.02000	0.86582	0.54271	0.15363	49	-0.86	27%	0
004.07	Fiber, ANKOM (%)	0726	0.40000	0.00000	0.86582	0.54271	0.15363	49	-0.86	27%	0
004.07	Fiber, ANKOM (%)	0083	0.41500	0.05000	0.86582	0.54271	0.15363	49	-0.83	26%	0
004.07	Fiber, ANKOM (%)	2053	0.43500	0.01000	0.86582	0.54271	0.15363	49	-0.79	25%	0
004.07	Fiber, ANKOM (%)	0009	0.44500	0.05000	0.86582	0.54271	0.15363	49	-0.78	24%	0
004.07	Fiber, ANKOM (%)	0876	0.45000	0.10000	0.86582	0.54271	0.15363	49	-0.77	24%	0
004.07	Fiber, ANKOM (%)	0144	0.45500	0.01000	0.86582	0.54271	0.15363	49	-0.76	24%	0
004.07	Fiber, ANKOM (%)	0948	0.49500	0.09000	0.86582	0.54271	0.15363	49	-0.68	21%	0
004.07	Fiber, ANKOM (%)	2075	0.50000	0.20000	0.86582	0.54271	0.15363	49	-0.67	21%	0
004.07	Fiber, ANKOM (%)	0682	0.60000	0.00000	0.86582	0.54271	0.15363	49	-0.49	15%	0
004.07	Fiber, ANKOM (%)	0692	0.60000	0.20000	0.86582	0.54271	0.15363	49	-0.49	15%	0
004.07	Fiber, ANKOM (%)	0003	0.61000	0.18000	0.86582	0.54271	0.15363	49	-0.47	15%	0
004.07	Fiber, ANKOM (%)	0190	0.65000	0.10000	0.86582	0.54271	0.15363	49	-0.40	12%	0
004.07	Fiber, ANKOM (%)	0643	0.65000	0.12000	0.86582	0.54271	0.15363	49	-0.40	12%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0026	0.75000	0.10000	0.86582	0.54271	0.15363	49	-0.21	7%	0
004.07	Fiber, ANKOM (%)	0849	0.75500	0.21000	0.86582	0.54271	0.15363	49	-0.20	6%	0
004.07	Fiber, ANKOM (%)	0861	0.78500	0.43000	0.86582	0.54271	0.15363	49	-0.15	5%	0
004.07	Fiber, ANKOM (%)	0520	0.80000	0.20000	0.86582	0.54271	0.15363	49	-0.12	4%	0
004.07	Fiber, ANKOM (%)	0581	0.90000	0.20000	0.86582	0.54271	0.15363	49	0.06	2%	0
004.07	Fiber, ANKOM (%)	0034	0.94500	0.09000	0.86582	0.54271	0.15363	49	0.15	5%	0
004.07	Fiber, ANKOM (%)	0536	0.98000	0.42000	0.86582	0.54271	0.15363	49	0.21	7%	0
004.07	Fiber, ANKOM (%)	0563	1.0016	0.01490	0.86582	0.54271	0.15363	49	0.25	8%	0
004.07	Fiber, ANKOM (%)	0066	1.0250	0.17000	0.86582	0.54271	0.15363	49	0.29	9%	0
004.07	Fiber, ANKOM (%)	0708	1.1150	0.09000	0.86582	0.54271	0.15363	49	0.46	14%	0
004.07	Fiber, ANKOM (%)	0955	1.1400	0.00000	0.86582	0.54271	0.15363	49	0.51	16%	0
004.07	Fiber, ANKOM (%)	2109	1.1600	0.22000	0.86582	0.54271	0.15363	49	0.54	17%	0
004.07	Fiber, ANKOM (%)	0015	1.1650	0.11000	0.86582	0.54271	0.15363	49	0.55	17%	0
004.07	Fiber, ANKOM (%)	0263	1.2166	0.04000	0.86582	0.54271	0.15363	49	0.65	20%	0
004.07	Fiber, ANKOM (%)	0202	1.2755	0.65500	0.86582	0.54271	0.15363	49	0.75	24%	0
004.07	Fiber, ANKOM (%)	0074	1.3050	0.21000	0.86582	0.54271	0.15363	49	0.81	25%	0
004.07	Fiber, ANKOM (%)	0553	1.3150	0.41000	0.86582	0.54271	0.15363	49	0.83	26%	0
004.07	Fiber, ANKOM (%)	0089	1.3700	0.04000	0.86582	0.54271	0.15363	49	0.93	29%	0
004.07	Fiber, ANKOM (%)	0644	1.3770	0.47800	0.86582	0.54271	0.15363	49	0.94	30%	0
004.07	Fiber, ANKOM (%)	2012	1.4750	0.31000	0.86582	0.54271	0.15363	49	1.12	35%	0
004.07	Fiber, ANKOM (%)	0848	1.5350	0.03000	0.86582	0.54271	0.15363	49	1.23	39%	0
004.07	Fiber, ANKOM (%)	0229	1.6000	0.20000	0.86582	0.54271	0.15363	49	1.35	42%	0
004.07	Fiber, ANKOM (%)	0598	1.6000	0.48000	0.86582	0.54271	0.15363	49	1.35	42%	0
004.07	Fiber, ANKOM (%)	0626	1.6300	0.66000	0.86582	0.54271	0.15363	49	1.41	44%	0
004.07	Fiber, ANKOM (%)	0019	1.7250	0.01000	0.86582	0.54271	0.15363	49	1.58	50%	0
004.07	Fiber, ANKOM (%)	0278	2.0500	0.10000	0.86582	0.54271	0.15363	49	2.18	68%	0
004.07	Fiber, ANKOM (%)	0407	2.0750	0.11980	0.86582	0.54271	0.15363	49	2.23	70%	0
004.07	Fiber, ANKOM (%)	0552	0.00000	0.00000	0.86582	0.54271	0.15363	49			4
004.07	Fiber, ANKOM (%)	0242	0.04500	0.09000	0.86582	0.54271	0.15363	49			4
004.11	Fiber, NIR (%)	0720	0.10000	0.00000				3			0
004.11	Fiber, NIR (%)	2121	0.60500	0.07000				3			0
004.11	Fiber, NIR (%)	2120	0.68000	0.00000				3			0
004.99	Fiber, Miscellaneous (%)	0940	0.28000	0.20000				2			0
004.99	Fiber, Miscellaneous (%)	2161	0.30000	0.20000				2			0
005.00	Ash, 2h @ 600°C (%)	0169	20.215	0.09000	21.477	0.26698	0.25437	91	-4.73	3%	0
005.00	Ash, 2h @ 600°C (%)	0646	20.690	0.50000	21.477	0.26698	0.25437	91	-2.95	2%	0
005.00	Ash, 2h @ 600°C (%)	0874	20.760	0.66000	21.477	0.26698	0.25437	91	-2.69	2%	0
005.00	Ash, 2h @ 600°C (%)	0278	20.795	0.21000	21.477	0.26698	0.25437	91	-2.55	2%	0
005.00	Ash, 2h @ 600°C (%)	0529	20.910	0.00000	21.477	0.26698	0.25437	91	-2.12	1%	0
005.00	Ash, 2h @ 600°C (%)	2097	21.024	0.10740	21.477	0.26698	0.25437	91	-1.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	21.061	0.52800	21.477	0.26698	0.25437	91	-1.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2171	21.115	0.61000	21.477	0.26698	0.25437	91	-1.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0226	21.150	0.10000	21.477	0.26698	0.25437	91	-1.22	1%	0
005.00	Ash, 2h @ 600°C (%)	0520	21.155	0.43000	21.477	0.26698	0.25437	91	-1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	21.165	0.39000	21.477	0.26698	0.25437	91	-1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	21.173	0.25180	21.477	0.26698	0.25437	91	-1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	21.200	0.00000	21.477	0.26698	0.25437	91	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	21.200	0.20000	21.477	0.26698	0.25437	91	-1.04	1%	0
005.00	Ash, 2h @ 600°C (%)	2053	21.235	0.03000	21.477	0.26698	0.25437	91	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0051	21.250	0.30000	21.477	0.26698	0.25437	91	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	21.255	0.27000	21.477	0.26698	0.25437	91	-0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	0682	21.260	0.00000	21.477	0.26698	0.25437	91	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	2073	21.260	0.82000	21.477	0.26698	0.25437	91	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	21.261	0.23500	21.477	0.26698	0.25437	91	-0.81	1%	0
005.00	Ash, 2h @ 600°C (%)	0861	21.280	0.18000	21.477	0.26698	0.25437	91	-0.74	0%	0
005.00	Ash, 2h @ 600°C (%)	0552	21.290	0.12000	21.477	0.26698	0.25437	91	-0.70	0%	0
005.00	Ash, 2h @ 600°C (%)	0033	21.300	0.40000	21.477	0.26698	0.25437	91	-0.66	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	21.306	0.09300	21.477	0.26698	0.25437	91	-0.64	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	21.310	0.06000	21.477	0.26698	0.25437	91	-0.62	0%	0
005.00	Ash, 2h @ 600°C (%)	0953	21.310	0.76000	21.477	0.26698	0.25437	91	-0.62	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	21.320	0.30000	21.477	0.26698	0.25437	91	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0142	21.320	0.24000	21.477	0.26698	0.25437	91	-0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	21.330	0.08000	21.477	0.26698	0.25437	91	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0650	21.330	0.66000	21.477	0.26698	0.25437	91	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	21.389	0.20460	21.477	0.26698	0.25437	91	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0019	21.400	0.80000	21.477	0.26698	0.25437	91	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	21.400	0.16000	21.477	0.26698	0.25437	91	-0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	21.405	0.09000	21.477	0.26698	0.25437	91	-0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	21.410	0.58000	21.477	0.26698	0.25437	91	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	21.410	0.08000	21.477	0.26698	0.25437	91	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	2068	21.415	0.01000	21.477	0.26698	0.25437	91	-0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0539	21.430	0.14000	21.477	0.26698	0.25437	91	-0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	21.435	0.57000	21.477	0.26698	0.25437	91	-0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0425	21.445	0.15000	21.477	0.26698	0.25437	91	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	21.448	0.21600	21.477	0.26698	0.25437	91	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	21.450	0.39010	21.477	0.26698	0.25437	91	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	21.450	0.12150	21.477	0.26698	0.25437	91	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	21.450	0.30000	21.477	0.26698	0.25437	91	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	21.460	0.00000	21.477	0.26698	0.25437	91	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	21.475	0.31000	21.477	0.26698	0.25437	91	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	21.475	0.27000	21.477	0.26698	0.25437	91	-0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	21.475	0.01000	21.477	0.26698	0.25437	91	-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	
005.00	Ash, 2h @ 600°C (%)	0027	21.484	0.23500	21.477	0.26698	0.25437	91	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	21.485	0.27980	21.477	0.26698	0.25437	91	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0345	21.500	0.40000	21.477	0.26698	0.25437	91	0.09	0%	0
005.00	Ash, 2h @ 600°C (%)	0066	21.510	0.24000	21.477	0.26698	0.25437	91	0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0187	21.525	0.01000	21.477	0.26698	0.25437	91	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0511	21.530	0.16000	21.477	0.26698	0.25437	91	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0852	21.530	0.06000	21.477	0.26698	0.25437	91	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	21.550	0.30000	21.477	0.26698	0.25437	91	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0298	21.550	0.02000	21.477	0.26698	0.25437	91	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0049	21.555	0.19000	21.477	0.26698	0.25437	91	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	21.560	0.14000	21.477	0.26698	0.25437	91	0.31	0%	0
005.00	Ash, 2h @ 600°C (%)	0175	21.570	0.16000	21.477	0.26698	0.25437	91	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	21.570	1.1200	21.477	0.26698	0.25437	91	0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	21.575	0.31000	21.477	0.26698	0.25437	91	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	21.600	0.20000	21.477	0.26698	0.25437	91	0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0845	21.615	0.05000	21.477	0.26698	0.25437	91	0.52	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	21.620	0.04000	21.477	0.26698	0.25437	91	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	21.626	0.01750	21.477	0.26698	0.25437	91	0.56	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	21.635	0.31000	21.477	0.26698	0.25437	91	0.59	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	21.645	0.07000	21.477	0.26698	0.25437	91	0.63	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	21.645	0.13000	21.477	0.26698	0.25437	91	0.63	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	21.650	0.02000	21.477	0.26698	0.25437	91	0.65	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	21.660	0.38000	21.477	0.26698	0.25437	91	0.69	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	21.670	0.40000	21.477	0.26698	0.25437	91	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	21.670	0.10000	21.477	0.26698	0.25437	91	0.72	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	21.675	0.15000	21.477	0.26698	0.25437	91	0.74	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	21.677	0.26830	21.477	0.26698	0.25437	91	0.75	0%	0
005.00	Ash, 2h @ 600°C (%)	0208	21.700	0.40000	21.477	0.26698	0.25437	91	0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	21.765	0.37000	21.477	0.26698	0.25437	91	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	21.770	0.36000	21.477	0.26698	0.25437	91	1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	21.780	0.04000	21.477	0.26698	0.25437	91	1.14	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	21.790	0.18000	21.477	0.26698	0.25437	91	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	21.815	0.07000	21.477	0.26698	0.25437	91	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	21.865	0.07000	21.477	0.26698	0.25437	91	1.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0964	21.900	0.10000	21.477	0.26698	0.25437	91	1.58	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	21.910	0.06000	21.477	0.26698	0.25437	91	1.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	21.995	0.55000	21.477	0.26698	0.25437	91	1.94	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	22.040	0.30000	21.477	0.26698	0.25437	91	2.11	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	22.060	0.00000	21.477	0.26698	0.25437	91	2.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	22.060	0.12000	21.477	0.26698	0.25437	91	2.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	22.105	0.15000	21.477	0.26698	0.25437	91	2.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0100	22.155	1.0900	21.477	0.26698	0.25437	91	2.54	2%	0
005.00	Ash, 2h @ 600°C (%)	0357	22.350	0.50000	21.477	0.26698	0.25437	91	3.27	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	15.078	12.536	21.477	0.26698	0.25437	91	-23.97	15%	2
005.02	Ash, LECO (%)	2075	21.360	0.06000				3			0
005.02	Ash, LECO (%)	2161	21.700	0.72000				3			0
005.02	Ash, LECO (%)	0644	22.320	0.12000				3			0
005.05	Ash, 3h @ 550°C (%)	0003	21.150	0.30000	21.638	0.22028	0.11887	36	-2.22	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	21.340	0.00000	21.638	0.22028	0.11887	36	-1.35	1%	0
005.05	Ash, 3h @ 550°C (%)	0726	21.345	0.07000	21.638	0.22028	0.11887	36	-1.33	1%	0
005.05	Ash, 3h @ 550°C (%)	0940	21.345	0.15000	21.638	0.22028	0.11887	36	-1.33	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	21.377	0.01300	21.638	0.22028	0.11887	36	-1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	21.435	0.01000	21.638	0.22028	0.11887	36	-0.92	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	21.450	0.10000	21.638	0.22028	0.11887	36	-0.85	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	21.470	0.22000	21.638	0.22028	0.11887	36	-0.76	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	21.475	0.15000	21.638	0.22028	0.11887	36	-0.74	0%	0
005.05	Ash, 3h @ 550°C (%)	0294	21.500	0.00000	21.638	0.22028	0.11887	36	-0.63	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	21.509	0.14120	21.638	0.22028	0.11887	36	-0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	21.515	0.01000	21.638	0.22028	0.11887	36	-0.56	0%	0
005.05	Ash, 3h @ 550°C (%)	0610	21.520	0.02000	21.638	0.22028	0.11887	36	-0.54	0%	0
005.05	Ash, 3h @ 550°C (%)	0849	21.535	0.03000	21.638	0.22028	0.11887	36	-0.47	0%	0
005.05	Ash, 3h @ 550°C (%)	2093	21.555	0.21000	21.638	0.22028	0.11887	36	-0.38	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	21.560	0.02000	21.638	0.22028	0.11887	36	-0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	21.600	0.00000	21.638	0.22028	0.11887	36	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0845	21.615	0.05000	21.638	0.22028	0.11887	36	-0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	21.680	0.02000	21.638	0.22028	0.11887	36	0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	21.685	0.03000	21.638	0.22028	0.11887	36	0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	21.705	0.00080	21.638	0.22028	0.11887	36	0.31	0%	0
005.05	Ash, 3h @ 550°C (%)	0683	21.710	0.06000	21.638	0.22028	0.11887	36	0.33	0%	0
005.05	Ash, 3h @ 550°C (%)	2062	21.745	0.03420	21.638	0.22028	0.11887	36	0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	21.750	0.22000	21.638	0.22028	0.11887	36	0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	21.760	0.02000	21.638	0.22028	0.11887	36	0.55	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	21.770	0.22000	21.638	0.22028	0.11887	36	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	21.780	0.36000	21.638	0.22028	0.11887	36	0.64	0%	0
005.05	Ash, 3h @ 550°C (%)	0685	21.790	0.14000	21.638	0.22028	0.11887	36	0.69	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	21.800	0.40000	21.638	0.22028	0.11887	36	0.73	0%	0
005.05	Ash, 3h @ 550°C (%)	0692	21.815	0.57000	21.638	0.22028	0.11887	36	0.80	0%	0
005.05	Ash, 3h @ 550°C (%)	2145	21.885	0.01000	21.638	0.22028	0.11887	36	1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	2149	21.898	0.04000	21.638	0.22028	0.11887	36	1.18	1%	0
005.05	Ash, 3h @ 550°C (%)	0955	21.900	0.00000	21.638	0.22028	0.11887	36	1.19	1%	0
005.05	Ash, 3h @ 550°C (%)	0720	21.915	0.51000	21.638	0.22028	0.11887	36	1.26	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	21.965	0.05000	21.638	0.22028	0.11887	36	1.48	1%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	2129	22.350	0.10000	21.638	0.22028	0.11887	36	3.23	2%	0
005.05	Ash, 3h @ 550°C (%)	0413	21.350	0.70000	21.638	0.22028	0.11887	36	-1.31	1%	1
005.11	Ash, NIR (%)	0889	14.415	0.01000	21.472	4.2090	0.20400	5	-1.41	16%	0
005.11	Ash, NIR (%)	0720	21.460	0.02000	21.472	4.2090	0.20400	5	0.05	1%	0
005.11	Ash, NIR (%)	2121	22.570	0.74000	21.472	4.2090	0.20400	5	0.29	3%	0
005.11	Ash, NIR (%)	2120	23.450	0.24000	21.472	4.2090	0.20400	5	0.47	5%	0
005.11	Ash, NIR (%)	0852	25.465	0.01000	21.472	4.2090	0.20400	5	0.89	10%	0
005.99	Ash, Miscellaneous (%)	0914	20.715	0.21000	21.511	0.35715	0.21963	12	-2.23	2%	0
005.99	Ash, Miscellaneous (%)	0662	21.135	0.32450	21.511	0.35715	0.21963	12	-1.05	1%	0
005.99	Ash, Miscellaneous (%)	0574	21.265	0.01000	21.511	0.35715	0.21963	12	-0.69	1%	0
005.99	Ash, Miscellaneous (%)	0652	21.350	0.30000	21.511	0.35715	0.21963	12	-0.45	0%	0
005.99	Ash, Miscellaneous (%)	2004	21.350	0.10000	21.511	0.35715	0.21963	12	-0.45	0%	0
005.99	Ash, Miscellaneous (%)	0202	21.401	0.54100	21.511	0.35715	0.21963	12	-0.31	0%	0
005.99	Ash, Miscellaneous (%)	0536	21.585	0.19000	21.511	0.35715	0.21963	12	0.21	0%	0
005.99	Ash, Miscellaneous (%)	0884	21.700	0.20000	21.511	0.35715	0.21963	12	0.53	0%	0
005.99	Ash, Miscellaneous (%)	0629	21.735	0.27000	21.511	0.35715	0.21963	12	0.63	1%	0
005.99	Ash, Miscellaneous (%)	0910	21.750	0.30000	21.511	0.35715	0.21963	12	0.67	1%	0
005.99	Ash, Miscellaneous (%)	0728	21.850	0.14000	21.511	0.35715	0.21963	12	0.95	1%	0
005.99	Ash, Miscellaneous (%)	0676	22.035	0.05000	21.511	0.35715	0.21963	12	1.47	1%	0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	2.2865	0.01100				1			0
006.99	Total sugars, Miscellaneous (%)	0720	0.00000	0.00000				0			4
008.02	Fiber, Acid Detergent (%)	0675	0.85500	0.05000	1.1169	0.27994	0.10157	6	-0.94	12%	0
008.02	Fiber, Acid Detergent (%)	0948	0.93500	0.29000	1.1169	0.27994	0.10157	6	-0.65	8%	0
008.02	Fiber, Acid Detergent (%)	0353	1.0150	0.11000	1.1169	0.27994	0.10157	6	-0.36	5%	0
008.02	Fiber, Acid Detergent (%)	0148	1.1150	0.03000	1.1169	0.27994	0.10157	6	-0.01	0%	0
008.02	Fiber, Acid Detergent (%)	0309	1.2446	0.11940	1.1169	0.27994	0.10157	6	0.46	6%	0
008.02	Fiber, Acid Detergent (%)	0187	1.5950	0.01000	1.1169	0.27994	0.10157	6	1.71	21%	0
008.02	Fiber, Acid Detergent (%)	0504	1.3750	0.75000	1.1169	0.27994	0.10157	6	0.92	12%	1
008.02	Fiber, Acid Detergent (%)	0609	0.00000	0.00000	1.1169	0.27994	0.10157	6			4
008.05	Fiber, Acid Detergent-Hach (%)	0265	3.7000	0.00000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	0.27500	0.01000	2.2960	1.4460	0.28423	19	-1.40	44%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	0.84000	0.00000	2.2960	1.4460	0.28423	19	-1.01	32%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	1.0000	0.20000	2.2960	1.4460	0.28423	19	-0.90	28%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	1.1150	0.29000	2.2960	1.4460	0.28423	19	-0.82	26%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	1.2000	0.00000	2.2960	1.4460	0.28423	19	-0.76	24%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	1.3350	0.49000	2.2960	1.4460	0.28423	19	-0.66	21%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	1.3500	0.30000	2.2960	1.4460	0.28423	19	-0.65	21%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	1.9315	0.12300	2.2960	1.4460	0.28423	19	-0.25	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	1.9400	0.14000	2.2960	1.4460	0.28423	19	-0.25	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	2.0250	0.09000	2.2960	1.4460	0.28423	19	-0.19	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	2.3150	0.67000	2.2960	1.4460	0.28423	19	0.01	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	2.5000	0.52000	2.2960	1.4460	0.28423	19	0.14	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	2.5569	0.10660	2.2960	1.4460	0.28423	19	0.18	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	2.9500	0.54000	2.2960	1.4460	0.28423	19	0.45	14%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	3.6750	0.17000	2.2960	1.4460	0.28423	19	0.95	30%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	3.8350	0.69000	2.2960	1.4460	0.28423	19	1.06	34%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	3.8514	0.02070	2.2960	1.4460	0.28423	19	1.08	34%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	6.3600	0.84000	2.2960	1.4460	0.28423	19	2.81	88%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	6.8000	0.20000	2.2960	1.4460	0.28423	19	3.11	98%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0720	0.00000	0.00000				0			4
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	19.170	3.4800				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	1.0400	0.02000	10.075	6.4945	0.22590	4	-1.39	45%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	10.690	0.60000	10.075	6.4945	0.22590	4	0.09	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	12.156	0.21360	10.075	6.4945	0.22590	4	0.32	10%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0187	16.415	0.07000	10.075	6.4945	0.22590	4	0.98	31%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	0.00000	0.00000	10.075	6.4945	0.22590	4			4
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	2.0250	0.01000	16.639	6.4565	0.55772	21	-2.26	44%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	7.6000	0.00000	16.639	6.4565	0.55772	21	-1.40	27%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	11.920	0.24000	16.639	6.4565	0.55772	21	-0.73	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	12.050	1.9000	16.639	6.4565	0.55772	21	-0.71	14%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	12.965	0.23000	16.639	6.4565	0.55772	21	-0.57	11%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	13.360	0.05000	16.639	6.4565	0.55772	21	-0.51	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	13.600	0.36000	16.639	6.4565	0.55772	21	-0.47	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	13.660	1.0733	16.639	6.4565	0.55772	21	-0.46	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	14.150	0.50000	16.639	6.4565	0.55772	21	-0.39	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	14.400	0.80000	16.639	6.4565	0.55772	21	-0.35	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	14.690	0.54000	16.639	6.4565	0.55772	21	-0.30	6%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	15.800	0.20000	16.639	6.4565	0.55772	21	-0.13	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	16.645	0.57000	16.639	6.4565	0.55772	21	0.00	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	17.925	0.19000	16.639	6.4565	0.55772	21	0.20	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	19.235	1.4300	16.639	6.4565	0.55772	21	0.40	8%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	19.920	1.3389	16.639	6.4565	0.55772	21	0.51	10%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	22.445	0.27000	16.639	6.4565	0.55772	21	0.90	17%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	24.400	0.80000	16.639	6.4565	0.55772	21	1.20	23%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	25.050	0.10000	16.639	6.4565	0.55772	21	1.30	25%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	28.215	0.41000	16.639	6.4565	0.55772	21	1.79	35%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	34.050	0.70000	16.639	6.4565	0.55772	21	2.70	52%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	20.845	2.8500	16.639	6.4565	0.55772	21	0.65	13%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	6.5100	0.14000				1			0
009.99	Fiber, Neutral Det Miscellaneous (%)	0720	0.00000	0.00000				1			4
010.03	Moisture, Karl-Fischer (%)	0843	6.4800	0.14000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	6.8350	0.19000				3			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.03	Moisture, Karl-Fischer (%)	0164	7.1900	0.02000				3			0
010.11	Moisture, NIR (%)	0852	6.3450	0.05000	6.5290	0.11065	0.02600	5	-1.66	1%	0
010.11	Moisture, NIR (%)	2120	6.5450	0.03000	6.5290	0.11065	0.02600	5	0.14	0%	0
010.11	Moisture, NIR (%)	0889	6.5500	0.02000	6.5290	0.11065	0.02600	5	0.19	0%	0
010.11	Moisture, NIR (%)	0720	6.5600	0.02000	6.5290	0.11065	0.02600	5	0.28	0%	0
010.11	Moisture, NIR (%)	2121	6.6450	0.01000	6.5290	0.11065	0.02600	5	1.05	1%	0
010.99	Moisture, Miscellaneous (%)	0651	5.9815	0.02500	6.8671	0.38641	0.08478	21	-2.29	6%	0
010.99	Moisture, Miscellaneous (%)	0964	6.3830	0.02200	6.8671	0.38641	0.08478	21	-1.25	4%	0
010.99	Moisture, Miscellaneous (%)	0028	6.5700	0.00000	6.8671	0.38641	0.08478	21	-0.77	2%	0
010.99	Moisture, Miscellaneous (%)	0884	6.6000	0.00000	6.8671	0.38641	0.08478	21	-0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0722	6.6033	0.15340	6.8671	0.38641	0.08478	21	-0.68	2%	0
010.99	Moisture, Miscellaneous (%)	0692	6.6350	0.19000	6.8671	0.38641	0.08478	21	-0.60	2%	0
010.99	Moisture, Miscellaneous (%)	0917	6.6500	0.10000	6.8671	0.38641	0.08478	21	-0.56	2%	0
010.99	Moisture, Miscellaneous (%)	2105	6.6600	0.00000	6.8671	0.38641	0.08478	21	-0.54	2%	0
010.99	Moisture, Miscellaneous (%)	2043	6.6800	0.12000	6.8671	0.38641	0.08478	21	-0.48	1%	0
010.99	Moisture, Miscellaneous (%)	2089	6.7350	0.01000	6.8671	0.38641	0.08478	21	-0.34	1%	0
010.99	Moisture, Miscellaneous (%)	0948	6.8150	0.09000	6.8671	0.38641	0.08478	21	-0.13	0%	0
010.99	Moisture, Miscellaneous (%)	2004	6.8350	0.03000	6.8671	0.38641	0.08478	21	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	2129	6.9500	0.48000	6.8671	0.38641	0.08478	21	0.21	1%	0
010.99	Moisture, Miscellaneous (%)	0921	6.9700	0.14000	6.8671	0.38641	0.08478	21	0.27	1%	0
010.99	Moisture, Miscellaneous (%)	2055	7.0000	0.00000	6.8671	0.38641	0.08478	21	0.34	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.0750	0.07000	6.8671	0.38641	0.08478	21	0.54	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.1850	0.07000	6.8671	0.38641	0.08478	21	0.82	2%	0
010.99	Moisture, Miscellaneous (%)	0190	7.2350	0.03000	6.8671	0.38641	0.08478	21	0.95	3%	0
010.99	Moisture, Miscellaneous (%)	2127	7.5950	0.11000	6.8671	0.38641	0.08478	21	1.88	5%	0
010.99	Moisture, Miscellaneous (%)	2076	7.6800	0.04000	6.8671	0.38641	0.08478	21	2.10	6%	0
010.99	Moisture, Miscellaneous (%)	0405	7.9500	0.10000	6.8671	0.38641	0.08478	21	2.80	8%	0
010.99	Moisture, Miscellaneous (%)	0939	6.6450	0.51000	6.8671	0.38641	0.08478	21	-0.57	2%	1
011.01	Loss on Drying, 135°C 2hr (%)	0563	6.1167	0.02240	7.5078	0.38287	0.11630	62	-3.63	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	6.1250	0.05000	7.5078	0.38287	0.11630	62	-3.61	9%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	6.4750	0.05000	7.5078	0.38287	0.11630	62	-2.70	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	6.6000	0.00000	7.5078	0.38287	0.11630	62	-2.37	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	6.6450	0.03000	7.5078	0.38287	0.11630	62	-2.25	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	6.6450	0.05000	7.5078	0.38287	0.11630	62	-2.25	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	6.9164	0.04650	7.5078	0.38287	0.11630	62	-1.54	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	7.0403	0.04270	7.5078	0.38287	0.11630	62	-1.22	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.0500	0.00000	7.5078	0.38287	0.11630	62	-1.20	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	7.0920	0.05210	7.5078	0.38287	0.11630	62	-1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	7.1250	0.05000	7.5078	0.38287	0.11630	62	-1.00	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	7.1500	0.30000	7.5078	0.38287	0.11630	62	-0.93	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.1850	0.01000	7.5078	0.38287	0.11630	62	-0.84	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 (%)	0047	7.2500	0.10000	7.5078	0.38287	0.11630	62	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	7.2885	0.02100	7.5078	0.38287	0.11630	62	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.2900	0.00000	7.5078	0.38287	0.11630	62	-0.57	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2075	7.3300	0.12000	7.5078	0.38287	0.11630	62	-0.46	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	7.3450	0.11000	7.5078	0.38287	0.11630	62	-0.43	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	7.3500	0.30000	7.5078	0.38287	0.11630	62	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.3500	0.56000	7.5078	0.38287	0.11630	62	-0.41	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	7.3700	0.02000	7.5078	0.38287	0.11630	62	-0.36	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	7.3791	0.09180	7.5078	0.38287	0.11630	62	-0.34	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0294	7.4000	0.00000	7.5078	0.38287	0.11630	62	-0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	7.4250	0.29000	7.5078	0.38287	0.11630	62	-0.22	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	7.4450	0.05000	7.5078	0.38287	0.11630	62	-0.16	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	7.4500	0.10000	7.5078	0.38287	0.11630	62	-0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	7.4600	0.00000	7.5078	0.38287	0.11630	62	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	7.4900	0.30000	7.5078	0.38287	0.11630	62	-0.05	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0646	7.5000	0.00000	7.5078	0.38287	0.11630	62	-0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	7.5150	0.17000	7.5078	0.38287	0.11630	62	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	7.5450	0.47000	7.5078	0.38287	0.11630	62	0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	7.5500	0.20000	7.5078	0.38287	0.11630	62	0.11	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	7.5650	0.11000	7.5078	0.38287	0.11630	62	0.15	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	7.5750	0.09000	7.5078	0.38287	0.11630	62	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	7.5850	0.07000	7.5078	0.38287	0.11630	62	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	7.5850	0.01000	7.5078	0.38287	0.11630	62	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	7.6020	0.08600	7.5078	0.38287	0.11630	62	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	7.6050	0.13000	7.5078	0.38287	0.11630	62	0.25	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	7.6100	0.00000	7.5078	0.38287	0.11630	62	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	7.6115	0.06100	7.5078	0.38287	0.11630	62	0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	7.6150	0.13000	7.5078	0.38287	0.11630	62	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	7.6250	0.59000	7.5078	0.38287	0.11630	62	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.6500	0.10000	7.5078	0.38287	0.11630	62	0.37	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0650	7.7100	0.30000	7.5078	0.38287	0.11630	62	0.53	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	7.7150	0.05000	7.5078	0.38287	0.11630	62	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.7195	0.06700	7.5078	0.38287	0.11630	62	0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	7.7350	0.05000	7.5078	0.38287	0.11630	62	0.59	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0298	7.7500	0.02000	7.5078	0.38287	0.11630	62	0.63	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	7.7500	0.20000	7.5078	0.38287	0.11630	62	0.63	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2171	7.7600	0.12000	7.5078	0.38287	0.11630	62	0.66	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	7.8000	0.20000	7.5078	0.38287	0.11630	62	0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	7.8298	0.02040	7.5078	0.38287	0.11630	62	0.84	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	7.8700	0.06000	7.5078	0.38287	0.11630	62	0.95	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	7.8900	0.38000	7.5078	0.38287	0.11630	62	1.00	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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011.01	Loss on Drying, 135°C 2hr (%)	0205	7.9255	0.11500	7.5078	0.38287	0.11630	62	1.09	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.0000	0.04000	7.5078	0.38287	0.11630	62	1.29	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.1100	0.12000	7.5078	0.38287	0.11630	62	1.57	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	8.1835	0.13500	7.5078	0.38287	0.11630	62	1.76	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.2800	0.00000	7.5078	0.38287	0.11630	62	2.02	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0051	8.3700	0.18000	7.5078	0.38287	0.11630	62	2.25	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.4950	0.05000	7.5078	0.38287	0.11630	62	2.58	7%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.7800	0.12000	7.5078	0.38287	0.11630	62	3.32	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	6.6450	1.9900	7.5078	0.38287	0.11630	62	-2.25	6%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.1350	0.13000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0425	7.3700	0.10000				3			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	7.4400	0.08000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	6.8000	0.14000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	6.8500	0.50000				3			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	8.7000	0.04000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0683	0.33000	0.00000				1			0
012.00	Starch, Polarimetric (Ewers) (%)	0609	0.00000	0.00000				1			4
012.01	Starch, Megazyme (%)	0693	0.10000	0.00000	0.60000	0.96695	0.26400	5	-0.52	42%	0
012.01	Starch, Megazyme (%)	2004	0.10000	0.02000	0.60000	0.96695	0.26400	5	-0.52	42%	0
012.01	Starch, Megazyme (%)	0045	0.15000	0.10000	0.60000	0.96695	0.26400	5	-0.47	38%	0
012.01	Starch, Megazyme (%)	0164	1.5500	0.90000	0.60000	0.96695	0.26400	5	0.98	79%	0
012.01	Starch, Megazyme (%)	0265	2.0500	0.30000	0.60000	0.96695	0.26400	5	1.50	121%	0
012.01	Starch, Megazyme (%)	0918	0.28650	0.57300	0.60000	0.96695	0.26400	5			4
012.03	Starch, Enzymatic (%)	0297	0.20000	0.00000				1			0
012.03	Starch, Enzymatic (%)	0889	0.00000	0.00000				1			4
012.04	Starch, YSI Analyzer (%)	0278	0.40000	0.00000				1			0
012.11	Starch, NIR (%)	0297	0.00000	0.00000				0			4
012.11	Starch, NIR (%)	0720	0.00000	0.00000				0			4
013.00	Fat, Acid hydrolysis (%)	0615	7.9750	0.99000	10.926	0.73802	0.27800	21	-4.00	14%	0
013.00	Fat, Acid hydrolysis (%)	0939	9.7800	0.10000	10.926	0.73802	0.27800	21	-1.55	5%	0
013.00	Fat, Acid hydrolysis (%)	0083	9.8500	0.24000	10.926	0.73802	0.27800	21	-1.46	5%	0
013.00	Fat, Acid hydrolysis (%)	0618	10.026	0.07380	10.926	0.73802	0.27800	21	-1.22	4%	0
013.00	Fat, Acid hydrolysis (%)	0504	10.250	0.28000	10.926	0.73802	0.27800	21	-0.92	3%	0
013.00	Fat, Acid hydrolysis (%)	0689	10.650	0.10000	10.926	0.73802	0.27800	21	-0.37	1%	0
013.00	Fat, Acid hydrolysis (%)	2146	10.750	0.24000	10.926	0.73802	0.27800	21	-0.24	1%	0
013.00	Fat, Acid hydrolysis (%)	0242	10.790	0.22000	10.926	0.73802	0.27800	21	-0.18	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	10.850	0.70000	10.926	0.73802	0.27800	21	-0.10	0%	0
013.00	Fat, Acid hydrolysis (%)	0541	11.030	1.0800	10.926	0.73802	0.27800	21	0.14	0%	0
013.00	Fat, Acid hydrolysis (%)	2145	11.070	0.20000	10.926	0.73802	0.27800	21	0.19	1%	0
013.00	Fat, Acid hydrolysis (%)	0948	11.120	0.00000	10.926	0.73802	0.27800	21	0.26	1%	0
013.00	Fat, Acid hydrolysis (%)	2053	11.210	0.02000	10.926	0.73802	0.27800	21	0.38	1%	0

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013.00	Fat, Acid hydrolysis (%)	2144	11.210	0.12000	10.926	0.73802	0.27800	21	0.38	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	11.370	0.56000	10.926	0.73802	0.27800	21	0.60	2%	0
013.00	Fat, Acid hydrolysis (%)	2004	11.400	0.00000	10.926	0.73802	0.27800	21	0.64	2%	0
013.00	Fat, Acid hydrolysis (%)	0229	11.475	0.29000	10.926	0.73802	0.27800	21	0.74	3%	0
013.00	Fat, Acid hydrolysis (%)	0309	11.487	0.27230	10.926	0.73802	0.27800	21	0.76	3%	0
013.00	Fat, Acid hydrolysis (%)	0884	11.600	0.20000	10.926	0.73802	0.27800	21	0.91	3%	0
013.00	Fat, Acid hydrolysis (%)	0202	11.645	0.02200	10.926	0.73802	0.27800	21	0.97	3%	0
013.00	Fat, Acid hydrolysis (%)	2076	12.095	0.13000	10.926	0.73802	0.27800	21	1.58	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	8.4950	0.81000	11.423	0.51545	0.26316	24	-5.68	13%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	10.275	0.59000	11.423	0.51545	0.26316	24	-2.23	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	10.365	0.53000	11.423	0.51545	0.26316	24	-2.05	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0505	10.715	0.01000	11.423	0.51545	0.26316	24	-1.37	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0510	10.800	0.00000	11.423	0.51545	0.26316	24	-1.21	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	11.170	0.06000	11.423	0.51545	0.26316	24	-0.49	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	11.190	0.02000	11.423	0.51545	0.26316	24	-0.45	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	11.250	0.30000	11.423	0.51545	0.26316	24	-0.33	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	11.340	0.00000	11.423	0.51545	0.26316	24	-0.16	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	11.430	0.44000	11.423	0.51545	0.26316	24	0.01	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	11.455	0.05000	11.423	0.51545	0.26316	24	0.06	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0004	11.525	0.13000	11.423	0.51545	0.26316	24	0.20	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0964	11.530	0.20000	11.423	0.51545	0.26316	24	0.21	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	11.590	0.36000	11.423	0.51545	0.26316	24	0.32	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0650	11.605	0.35000	11.423	0.51545	0.26316	24	0.35	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0164	11.625	0.07000	11.423	0.51545	0.26316	24	0.39	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	11.710	0.16000	11.423	0.51545	0.26316	24	0.56	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0010	11.750	0.10000	11.423	0.51545	0.26316	24	0.64	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	11.770	0.54000	11.423	0.51545	0.26316	24	0.67	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	11.775	0.79000	11.423	0.51545	0.26316	24	0.68	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0001	11.872	0.15580	11.423	0.51545	0.26316	24	0.87	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0051	11.900	0.20000	11.423	0.51545	0.26316	24	0.93	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0676	11.995	0.19000	11.423	0.51545	0.26316	24	1.11	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0511	12.260	0.26000	11.423	0.51545	0.26316	24	1.62	4%	0
013.08	Fat, Roesse-Gottlieb Modified (%)	0618	7.4750	0.01000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0845	8.3100	0.62000	10.185	1.4231	0.41667	6	-1.32	9%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	9.6350	0.89000	10.185	1.4231	0.41667	6	-0.39	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0905	9.8550	0.35000	10.185	1.4231	0.41667	6	-0.23	2%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	10.330	0.16000	10.185	1.4231	0.41667	6	0.10	1%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0629	10.980	0.26000	10.185	1.4231	0.41667	6	0.56	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	12.000	0.22000	10.185	1.4231	0.41667	6	1.28	9%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	8.5750	0.25000	9.8633	1.2770	0.47714	7	-1.01	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0019	8.8050	1.1500	9.8633	1.2770	0.47714	7	-0.83	5%	0

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013.13	Fat, Ankom- Acid Hydrolysis (%)	0074	9.1400	0.00000	9.8633	1.2770	0.47714	7	-0.57	4%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0955	9.8050	0.03000	9.8633	1.2770	0.47714	7	-0.05	0%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	10.078	0.15000	9.8633	1.2770	0.47714	7	0.17	1%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	11.240	0.96000	9.8633	1.2770	0.47714	7	1.08	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	11.400	0.80000	9.8633	1.2770	0.47714	7	1.20	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	389.86	33.820	495.72	77.774	10.955	4	-3.53	13%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	485.00	8.0000	495.72	77.774	10.955	4	-1.15	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	550.00	2.0000	495.72	77.774	10.955	4	0.47	2%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	558.00	0.00000	495.72	77.774	10.955	4	0.67	3%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	457.00	62.200				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	110.50	11.000	455.21	173.01	16.721	6	-1.99	38%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	410.56	9.3232	455.21	173.01	16.721	6	-0.26	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	426.00	0.00000	455.21	173.01	16.721	6	-0.17	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	501.00	28.000	455.21	173.01	16.721	6	0.26	5%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	562.00	24.000	455.21	173.01	16.721	6	0.62	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	636.00	28.000	455.21	173.01	16.721	6	1.04	20%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	296.50	35.000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	656.00	74.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	2.3700	0.18000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	2.7000	0.28000				3			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	3.5250	0.63000				3			0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	1.0750	0.09000	2.3638	1.6226	0.11620	4	-0.79	27%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	1.8150	0.03000	2.3638	1.6226	0.11620	4	-0.34	12%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	1.8252	0.26480	2.3638	1.6226	0.11620	4	-0.33	11%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0294	4.7400	0.08000	2.3638	1.6226	0.11620	4	1.46	50%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	2.5500	0.10000	3.0400	0.67037	0.54000	4	-0.70	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	2.6100	0.06000	3.0400	0.67037	0.54000	4	-0.45	2%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	3.0400	0.67037	0.54000	4	1.15	5%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	4.0000	2.0000	3.0400	0.67037	0.54000	4	5.24	24%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	0.00000	0.00000	3.0400	0.67037	0.54000	4			4
017.52	Boron, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.8064	0.30920				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	5.6900	0.04000	6.3116	0.15070	0.06553	15	-4.12	5%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	6.0920	0.09000	6.3116	0.15070	0.06553	15	-1.46	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	6.1590	0.00200	6.3116	0.15070	0.06553	15	-1.01	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	6.1915	0.16500	6.3116	0.15070	0.06553	15	-0.80	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	6.2600	0.00000	6.3116	0.15070	0.06553	15	-0.34	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	6.3259	0.11110	6.3116	0.15070	0.06553	15	0.09	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	6.3300	0.04000	6.3116	0.15070	0.06553	15	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	6.3300	0.02000	6.3116	0.15070	0.06553	15	0.12	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	6.3350	0.01000	6.3116	0.15070	0.06553	15	0.16	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	6.3450	0.01000	6.3116	0.15070	0.06553	15	0.22	0%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	6.3575	0.17500	6.3116	0.15070	0.06553	15	0.30	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2068	6.4200	0.00000	6.3116	0.15070	0.06553	15	0.72	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	6.4354	0.18620	6.3116	0.15070	0.06553	15	0.82	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2062	6.4690	0.03370	6.3116	0.15070	0.06553	15	1.04	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	6.6400	0.10000	6.3116	0.15070	0.06553	15	2.18	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0043	6.4000	0.40000	6.3116	0.15070	0.06553	15	0.59	1%	1
019.02	Calcium, Hach Method (%)	0536	8.3900	0.08000				1			0
019.08	Calcium, EDTA (%)	0629	5.9750	0.03000	6.3009	0.30729	0.12890	8	-1.06	3%	0
019.08	Calcium, EDTA (%)	0590	5.9800	0.00000	6.3009	0.30729	0.12890	8	-1.04	3%	0
019.08	Calcium, EDTA (%)	0940	6.1850	0.17000	6.3009	0.30729	0.12890	8	-0.38	1%	0
019.08	Calcium, EDTA (%)	0849	6.2350	0.03000	6.3009	0.30729	0.12890	8	-0.21	1%	0
019.08	Calcium, EDTA (%)	0689	6.2750	0.07000	6.3009	0.30729	0.12890	8	-0.08	0%	0
019.08	Calcium, EDTA (%)	0885	6.4681	0.21120	6.3009	0.30729	0.12890	8	0.54	1%	0
019.08	Calcium, EDTA (%)	2009	6.5391	0.02000	6.3009	0.30729	0.12890	8	0.78	2%	0
019.08	Calcium, EDTA (%)	0852	6.7500	0.50000	6.3009	0.30729	0.12890	8	1.46	4%	0
019.09	Calcium, Ion-selective electrode (%)	2006	6.5995	0.13100				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	5.0550	0.03000	6.2113	0.31562	0.12845	24	-3.66	9%	0
019.31	Calcium, AAS, Dry ash (%)	0948	5.2605	0.08700	6.2113	0.31562	0.12845	24	-3.01	8%	0
019.31	Calcium, AAS, Dry ash (%)	0563	5.4796	0.06040	6.2113	0.31562	0.12845	24	-2.32	6%	0
019.31	Calcium, AAS, Dry ash (%)	0536	5.9400	0.20000	6.2113	0.31562	0.12845	24	-0.86	2%	0
019.31	Calcium, AAS, Dry ash (%)	0001	5.9455	0.05500	6.2113	0.31562	0.12845	24	-0.84	2%	0
019.31	Calcium, AAS, Dry ash (%)	0175	6.0150	0.13000	6.2113	0.31562	0.12845	24	-0.62	2%	0
019.31	Calcium, AAS, Dry ash (%)	2097	6.0334	0.17740	6.2113	0.31562	0.12845	24	-0.56	1%	0
019.31	Calcium, AAS, Dry ash (%)	0142	6.0616	0.04040	6.2113	0.31562	0.12845	24	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	6.1250	0.07000	6.2113	0.31562	0.12845	24	-0.27	1%	0
019.31	Calcium, AAS, Dry ash (%)	0722	6.1349	0.06170	6.2113	0.31562	0.12845	24	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0208	6.1505	0.15100	6.2113	0.31562	0.12845	24	-0.19	0%	0
019.31	Calcium, AAS, Dry ash (%)	2161	6.1600	0.16000	6.2113	0.31562	0.12845	24	-0.16	0%	0
019.31	Calcium, AAS, Dry ash (%)	0650	6.2200	0.24000	6.2113	0.31562	0.12845	24	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0653	6.2730	0.07000	6.2113	0.31562	0.12845	24	0.20	0%	0
019.31	Calcium, AAS, Dry ash (%)	0878	6.3100	0.08000	6.2113	0.31562	0.12845	24	0.31	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	6.3500	0.36000	6.2113	0.31562	0.12845	24	0.44	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	6.4150	0.01000	6.2113	0.31562	0.12845	24	0.65	2%	0
019.31	Calcium, AAS, Dry ash (%)	0505	6.4300	0.20000	6.2113	0.31562	0.12845	24	0.69	2%	0
019.31	Calcium, AAS, Dry ash (%)	0884	6.4300	0.22000	6.2113	0.31562	0.12845	24	0.69	2%	0
019.31	Calcium, AAS, Dry ash (%)	2144	6.4700	0.00000	6.2113	0.31562	0.12845	24	0.82	2%	0
019.31	Calcium, AAS, Dry ash (%)	0687	6.5250	0.25000	6.2113	0.31562	0.12845	24	0.99	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	6.5550	0.29000	6.2113	0.31562	0.12845	24	1.09	3%	0
019.31	Calcium, AAS, Dry ash (%)	2022	6.6300	0.06000	6.2113	0.31562	0.12845	24	1.33	3%	0
019.31	Calcium, AAS, Dry ash (%)	0108	6.8100	0.08000	6.2113	0.31562	0.12845	24	1.90	5%	0
019.31	Calcium, AAS, Dry ash (%)	0921	6.9430	0.75400	6.2113	0.31562	0.12845	24	2.32	6%	1

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.32	Calcium, AAS, Open vessel (%)	0609	3.4600	0.02000	6.0996	1.5006	0.11638	5	-10.48	24%	0
019.32	Calcium, AAS, Open vessel (%)	0169	6.4800	0.10000	6.0996	1.5006	0.11638	5	-0.89	2%	0
019.32	Calcium, AAS, Open vessel (%)	0263	6.5781	0.02390	6.0996	1.5006	0.11638	5	-0.58	1%	0
019.32	Calcium, AAS, Open vessel (%)	0504	6.7900	0.13800	6.0996	1.5006	0.11638	5	0.10	0%	0
019.32	Calcium, AAS, Open vessel (%)	0612	7.1900	0.30000	6.0996	1.5006	0.11638	5	1.37	3%	0
019.33	Calcium, AAS, Microwave (%)	0300	5.5250	0.23000				2			0
019.33	Calcium, AAS, Microwave (%)	0010	6.8050	0.07000				2			0
019.41	Calcium, ICP, Dry ash (%)	0089	4.3250	0.03000	6.4246	0.33809	0.14667	30	-6.21	16%	0
019.41	Calcium, ICP, Dry ash (%)	0405	4.7650	0.01000	6.4246	0.33809	0.14667	30	-4.91	13%	0
019.41	Calcium, ICP, Dry ash (%)	0098	6.0300	0.10000	6.4246	0.33809	0.14667	30	-1.17	3%	0
019.41	Calcium, ICP, Dry ash (%)	0964	6.1262	0.08310	6.4246	0.33809	0.14667	30	-0.88	2%	0
019.41	Calcium, ICP, Dry ash (%)	0208	6.1525	0.12100	6.4246	0.33809	0.14667	30	-0.80	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	6.1750	0.31000	6.4246	0.33809	0.14667	30	-0.74	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	6.1950	0.53000	6.4246	0.33809	0.14667	30	-0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0298	6.2200	0.02000	6.4246	0.33809	0.14667	30	-0.61	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	6.2650	0.53000	6.4246	0.33809	0.14667	30	-0.47	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	6.2750	0.63000	6.4246	0.33809	0.14667	30	-0.44	1%	0
019.41	Calcium, ICP, Dry ash (%)	0051	6.3000	0.12000	6.4246	0.33809	0.14667	30	-0.37	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	6.3250	0.11000	6.4246	0.33809	0.14667	30	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0720	6.3250	0.15000	6.4246	0.33809	0.14667	30	-0.29	1%	0
019.41	Calcium, ICP, Dry ash (%)	0598	6.3320	0.16800	6.4246	0.33809	0.14667	30	-0.27	1%	0
019.41	Calcium, ICP, Dry ash (%)	0848	6.3550	0.01000	6.4246	0.33809	0.14667	30	-0.21	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	6.3800	0.08000	6.4246	0.33809	0.14667	30	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0171	6.3800	0.00000	6.4246	0.33809	0.14667	30	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	2012	6.3800	0.00000	6.4246	0.33809	0.14667	30	-0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0164	6.4050	0.07000	6.4246	0.33809	0.14667	30	-0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	6.4450	0.17000	6.4246	0.33809	0.14667	30	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	6.4850	0.03000	6.4246	0.33809	0.14667	30	0.18	0%	0
019.41	Calcium, ICP, Dry ash (%)	0003	6.6800	0.20000	6.4246	0.33809	0.14667	30	0.76	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	6.7000	0.02000	6.4246	0.33809	0.14667	30	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	2145	6.7000	0.00000	6.4246	0.33809	0.14667	30	0.81	2%	0
019.41	Calcium, ICP, Dry ash (%)	2171	6.7675	0.23700	6.4246	0.33809	0.14667	30	1.01	3%	0
019.41	Calcium, ICP, Dry ash (%)	0229	6.8100	0.10000	6.4246	0.33809	0.14667	30	1.14	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	6.9000	0.20000	6.4246	0.33809	0.14667	30	1.41	4%	0
019.41	Calcium, ICP, Dry ash (%)	0511	6.9550	0.27000	6.4246	0.33809	0.14667	30	1.57	4%	0
019.41	Calcium, ICP, Dry ash (%)	0226	7.4150	0.07000	6.4246	0.33809	0.14667	30	2.93	8%	0
019.41	Calcium, ICP, Dry ash (%)	0407	7.9096	0.03110	6.4246	0.33809	0.14667	30	4.39	12%	0
019.42	Calcium, ICP, Open vessel (%)	0026	5.1750	0.77000	6.4928	0.52140	0.31069	20	-2.53	10%	0
019.42	Calcium, ICP, Open vessel (%)	0205	5.5900	0.46000	6.4928	0.52140	0.31069	20	-1.73	7%	0
019.42	Calcium, ICP, Open vessel (%)	0366	5.7350	0.47000	6.4928	0.52140	0.31069	20	-1.45	6%	0
019.42	Calcium, ICP, Open vessel (%)	0357	5.9899	0.32900	6.4928	0.52140	0.31069	20	-0.96	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	
019.42	Calcium, ICP, Open vessel (%)	0187	6.1750	0.03000	6.4928	0.52140	0.31069	20	-0.61	2%	0
019.42	Calcium, ICP, Open vessel (%)	0560	6.2258	0.13590	6.4928	0.52140	0.31069	20	-0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	6.3150	0.41000	6.4928	0.52140	0.31069	20	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	6.3550	0.35000	6.4928	0.52140	0.31069	20	-0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	6.5700	0.08000	6.4928	0.52140	0.31069	20	0.15	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	6.6000	0.90000	6.4928	0.52140	0.31069	20	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	2129	6.6150	0.11000	6.4928	0.52140	0.31069	20	0.23	1%	0
019.42	Calcium, ICP, Open vessel (%)	0294	6.6400	0.02000	6.4928	0.52140	0.31069	20	0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	6.6550	0.31000	6.4928	0.52140	0.31069	20	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	6.7533	0.24350	6.4928	0.52140	0.31069	20	0.50	2%	0
019.42	Calcium, ICP, Open vessel (%)	0096	6.7577	0.57940	6.4928	0.52140	0.31069	20	0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0186	6.7850	0.41000	6.4928	0.52140	0.31069	20	0.56	2%	0
019.42	Calcium, ICP, Open vessel (%)	0190	6.7950	0.17000	6.4928	0.52140	0.31069	20	0.58	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	7.0325	0.30100	6.4928	0.52140	0.31069	20	1.04	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	7.1600	0.00000	6.4928	0.52140	0.31069	20	1.28	5%	0
019.42	Calcium, ICP, Open vessel (%)	0726	7.4095	0.13500	6.4928	0.52140	0.31069	20	1.76	7%	0
019.43	Calcium, ICP, Microwave (%)	0202	5.7930	0.03200	6.3814	0.34147	0.18638	23	-1.72	5%	0
019.43	Calcium, ICP, Microwave (%)	0675	5.9950	0.13000	6.3814	0.34147	0.18638	23	-1.13	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	6.0050	0.17000	6.3814	0.34147	0.18638	23	-1.10	3%	0
019.43	Calcium, ICP, Microwave (%)	0964	6.0405	0.01540	6.3814	0.34147	0.18638	23	-1.00	3%	0
019.43	Calcium, ICP, Microwave (%)	0510	6.0750	0.03000	6.3814	0.34147	0.18638	23	-0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	6.0800	0.00000	6.3814	0.34147	0.18638	23	-0.88	2%	0
019.43	Calcium, ICP, Microwave (%)	0027	6.1445	0.15300	6.3814	0.34147	0.18638	23	-0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0033	6.2250	0.93000	6.3814	0.34147	0.18638	23	-0.46	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	6.2400	0.04000	6.3814	0.34147	0.18638	23	-0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	6.2530	0.03400	6.3814	0.34147	0.18638	23	-0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0028	6.3600	0.68000	6.3814	0.34147	0.18638	23	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0043	6.3800	0.38000	6.3814	0.34147	0.18638	23	0.00	0%	0
019.43	Calcium, ICP, Microwave (%)	0297	6.4800	0.00000	6.3814	0.34147	0.18638	23	0.29	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	6.4950	0.09000	6.3814	0.34147	0.18638	23	0.33	1%	0
019.43	Calcium, ICP, Microwave (%)	0968	6.4960	0.01600	6.3814	0.34147	0.18638	23	0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0668	6.5300	0.86000	6.3814	0.34147	0.18638	23	0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	6.5500	0.08000	6.3814	0.34147	0.18638	23	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0425	6.5750	0.13000	6.3814	0.34147	0.18638	23	0.57	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	6.6873	0.07640	6.3814	0.34147	0.18638	23	0.90	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	6.7000	0.00000	6.3814	0.34147	0.18638	23	0.93	2%	0
019.43	Calcium, ICP, Microwave (%)	0861	6.8050	0.21000	6.3814	0.34147	0.18638	23	1.24	3%	0
019.43	Calcium, ICP, Microwave (%)	0083	6.9800	0.18000	6.3814	0.34147	0.18638	23	1.75	5%	0
019.43	Calcium, ICP, Microwave (%)	0353	7.4150	0.05000	6.3814	0.34147	0.18638	23	3.03	8%	0
019.44	Calcium, ICP, Dry ash (%)	2004	6.4750	0.35000				2			0
019.44	Calcium, ICP, Dry ash (%)	0955	6.5250	0.05000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.52	Calcium, ICP-MS, Open vessel (%)	0154	5.3822	0.57620				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0096	6.1520	0.04480				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	6.9900	0.32000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0300	5.7710	0.10000	6.5778	0.61716	0.33000	4	-1.31	6%	0
019.53	Calcium, ICP-MS, Microwave (%)	0572	6.5800	0.54000	6.5778	0.61716	0.33000	4	0.00	0%	0
019.53	Calcium, ICP-MS, Microwave (%)	0199	6.6900	0.24000	6.5778	0.61716	0.33000	4	0.18	1%	0
019.53	Calcium, ICP-MS, Microwave (%)	0553	7.2700	0.44000	6.5778	0.61716	0.33000	4	1.12	5%	0
019.99	Calcium, Miscellaneous (%)	0889	3.6595	0.13700	5.7211	1.3758	0.15175	4	-35.91	21%	0
019.99	Calcium, Miscellaneous (%)	2105	6.3500	0.34000	5.7211	1.3758	0.15175	4	-0.76	0%	0
019.99	Calcium, Miscellaneous (%)	0100	6.3800	0.10000	5.7211	1.3758	0.15175	4	-0.37	0%	0
019.99	Calcium, Miscellaneous (%)	0242	6.4950	0.03000	5.7211	1.3758	0.15175	4	1.13	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	1.4000	0.20000				2			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	3.3500	0.54000				2			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	0.10950	0.00900				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0171	0.11500	0.01000				3			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0964	0.21780	0.01000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	0.10500	0.01000				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	0.10625	0.09790				3			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	0.15500	0.01000				3			0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	0.23910	0.03260	0.36478	0.20044	0.03815	4	-0.63	17%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	0.24000	0.00000	0.36478	0.20044	0.03815	4	-0.62	17%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	0.32000	0.04000	0.36478	0.20044	0.03815	4	-0.22	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	0.66000	0.08000	0.36478	0.20044	0.03815	4	1.47	40%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.17340	0.00160				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.20000	0.00000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.38400	0.05600				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	0.18605	0.00210	0.38489	0.23591	0.00228	4	-0.84	26%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	0.21200	0.00400	0.38489	0.23591	0.00228	4	-0.73	22%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	0.45150	0.00300	0.38489	0.23591	0.00228	4	0.28	9%	0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0199	0.69000	0.00000	0.38489	0.23591	0.00228	4	1.29	40%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	4.0000	0.20000	7.0732	2.5776	0.38633	9	-1.19	22%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2161	4.5050	0.27000	7.0732	2.5776	0.38633	9	-1.00	18%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	5.0000	0.00000	7.0732	2.5776	0.38633	9	-0.80	15%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0905	6.2700	0.40000	7.0732	2.5776	0.38633	9	-0.31	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	6.9850	1.5500	7.0732	2.5776	0.38633	9	-0.03	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	8.1900	0.00000	7.0732	2.5776	0.38633	9	0.43	8%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	9.1090	0.05700	7.0732	2.5776	0.38633	9	0.79	14%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	9.6000	0.00000	7.0732	2.5776	0.38633	9	0.98	18%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	10.000	1.0000	7.0732	2.5776	0.38633	9	1.14	21%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	5.4715	1.1710				2			0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	10.000	4.0000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	6.8000	0.80000				1			0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	3.5000	0.34000	5.2874	1.3956	0.39232	21	-1.28	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0051	3.5400	0.44000	5.2874	1.3956	0.39232	21	-1.25	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	3.9200	0.06000	5.2874	1.3956	0.39232	21	-0.98	13%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	4.0050	0.25000	5.2874	1.3956	0.39232	21	-0.92	12%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0955	4.1150	0.19000	5.2874	1.3956	0.39232	21	-0.84	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	4.2745	0.28700	5.2874	1.3956	0.39232	21	-0.73	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	4.5577	0.21080	5.2874	1.3956	0.39232	21	-0.52	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0720	4.6800	1.1000	5.2874	1.3956	0.39232	21	-0.44	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	4.6850	0.83000	5.2874	1.3956	0.39232	21	-0.43	6%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	5.0000	0.00000	5.2874	1.3956	0.39232	21	-0.21	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0964	5.1169	0.69100	5.2874	1.3956	0.39232	21	-0.12	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	5.3100	0.20000	5.2874	1.3956	0.39232	21	0.02	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	5.3500	0.10000	5.2874	1.3956	0.39232	21	0.04	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	5.7500	0.30000	5.2874	1.3956	0.39232	21	0.33	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	6.0000	0.00000	5.2874	1.3956	0.39232	21	0.51	7%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	6.3200	0.04000	5.2874	1.3956	0.39232	21	0.74	10%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	6.4150	1.2500	5.2874	1.3956	0.39232	21	0.81	11%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	6.8000	0.40000	5.2874	1.3956	0.39232	21	1.08	14%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	7.0500	1.1800	5.2874	1.3956	0.39232	21	1.26	17%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	7.2650	0.27000	5.2874	1.3956	0.39232	21	1.42	19%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	10.750	0.10000	5.2874	1.3956	0.39232	21	3.91	52%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	6.9500	5.9000	5.2874	1.3956	0.39232	21	1.19	16%	1
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	7.0000	6.0000	5.2874	1.3956	0.39232	21	1.23	16%	1
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	3.5000	1.0000	4.7269	0.74405	0.43491	16	-1.65	13%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0294	3.7000	0.00000	4.7269	0.74405	0.43491	16	-1.38	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	4.3500	0.10000	4.7269	0.74405	0.43491	16	-0.51	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0096	4.4340	0.01370	4.7269	0.74405	0.43491	16	-0.39	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	4.4350	0.23000	4.7269	0.74405	0.43491	16	-0.39	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	4.4400	0.04000	4.7269	0.74405	0.43491	16	-0.39	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	4.4500	0.70000	4.7269	0.74405	0.43491	16	-0.37	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	4.5000	1.0000	4.7269	0.74405	0.43491	16	-0.30	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	4.5245	0.40900	4.7269	0.74405	0.43491	16	-0.27	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	4.8750	0.69000	4.7269	0.74405	0.43491	16	0.20	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	4.9450	0.68280	4.7269	0.74405	0.43491	16	0.29	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	5.0000	0.00000	4.7269	0.74405	0.43491	16	0.37	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	5.0200	0.36000	4.7269	0.74405	0.43491	16	0.39	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	5.6605	0.06300	4.7269	0.74405	0.43491	16	1.25	10%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	6.3800	0.94000	4.7269	0.74405	0.43491	16	2.22	17%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0187	7.5650	0.73000	4.7269	0.74405	0.43491	16	3.81	30%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	2.7450	0.17000	4.6763	0.89077	0.25306	21	-2.17	21%	0

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Method Proficiency Testing Report

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0043	3.5650	0.93000	4.6763	0.89077	0.25306	21	-1.25	12%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	4.0000	0.00000	4.6763	0.89077	0.25306	21	-0.76	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	4.0000	0.20000	4.6763	0.89077	0.25306	21	-0.76	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	4.0000	0.00000	4.6763	0.89077	0.25306	21	-0.76	7%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	4.0750	0.09000	4.6763	0.89077	0.25306	21	-0.67	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	4.3200	0.04000	4.6763	0.89077	0.25306	21	-0.40	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0668	4.3800	0.18000	4.6763	0.89077	0.25306	21	-0.33	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	4.5000	1.0000	4.6763	0.89077	0.25306	21	-0.20	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	4.5000	1.0000	4.6763	0.89077	0.25306	21	-0.20	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	4.5000	0.00000	4.6763	0.89077	0.25306	21	-0.20	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	4.5250	0.09000	4.6763	0.89077	0.25306	21	-0.17	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	4.6091	0.51030	4.6763	0.89077	0.25306	21	-0.08	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0875	4.7500	0.30000	4.6763	0.89077	0.25306	21	0.08	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	5.0000	0.00000	4.6763	0.89077	0.25306	21	0.36	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	5.0750	0.01000	4.6763	0.89077	0.25306	21	0.45	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	5.1750	0.21000	4.6763	0.89077	0.25306	21	0.56	5%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	5.8500	0.00000	4.6763	0.89077	0.25306	21	1.32	13%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	6.2430	0.10400	4.6763	0.89077	0.25306	21	1.76	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0425	6.2550	0.07000	4.6763	0.89077	0.25306	21	1.77	17%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	6.6150	0.41000	4.6763	0.89077	0.25306	21	2.18	21%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	34.500	5.0000	4.6763	0.89077	0.25306	21	33.48	319%	2
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	5.0105	0.05900				1			0
022.51	Copper, ICP-MS, Dry ash (mg / kg (ppm))	2146	4.7000	0.20000				1			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0096	4.4353	0.21590				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	5.0600	0.28000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	6.1500	0.02000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	2055	3.5000	1.0000	4.3000	0.88992	0.76000	4	-0.90	9%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0199	3.6950	0.21000	4.3000	0.88992	0.76000	4	-0.68	7%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	4.5650	0.37000	4.3000	0.88992	0.76000	4	0.30	3%	0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	5.4400	1.4600	4.3000	0.88992	0.76000	4	1.28	13%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	3.5000	1.0000	3.8825	0.68421	0.55500	4	-0.58	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	3.5000	1.0000	3.8825	0.68421	0.55500	4	-0.58	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	3.6250	0.17000	3.8825	0.68421	0.55500	4	1.15	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	4.9050	0.05000	3.8825	0.68421	0.55500	4	18.89	19%	0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0619	61.400	2.4000				2			0
023.01	Fluorine, Ion Sel Elect (mg / kg (ppm))	0910	116.75	12.900				2			0
024.01	Iodine, Elm-Cald (mg / kg (ppm))	0186	9.5000	1.0000				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	0.65000	0.10000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	438.55	4.0000	483.99	32.913	14.165	13	-1.38	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	450.60	7.8000	483.99	32.913	14.165	13	-1.01	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0014	451.50	31.000	483.99	32.913	14.165	13	-0.99	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	467.50	9.0000	483.99	32.913	14.165	13	-0.50	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	475.00	20.000	483.99	32.913	14.165	13	-0.27	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0878	477.00	18.000	483.99	32.913	14.165	13	-0.21	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	487.00	10.000	483.99	32.913	14.165	13	0.09	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	488.03	15.450	483.99	32.913	14.165	13	0.12	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	489.15	10.100	483.99	32.913	14.165	13	0.16	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	498.50	11.990	483.99	32.913	14.165	13	0.44	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	502.30	13.610	483.99	32.913	14.165	13	0.56	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0001	549.30	1.2000	483.99	32.913	14.165	13	1.98	7%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	586.00	32.000	483.99	32.913	14.165	13	3.10	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	573.00	84.000	483.99	32.913	14.165	13	2.70	9%	1
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	242.00	4.0000				2			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0504	563.90	23.400				2			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	676.52	0.00000				1			0
025.34	Iron, AAS, Dry ash (mg / kg (ppm))	2161	426.50	39.000				1			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	385.35	16.500	511.03	42.522	19.891	26	-2.96	12%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	401.50	31.000	511.03	42.522	19.891	26	-2.58	11%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	461.53	16.050	511.03	42.522	19.891	26	-1.16	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	472.00	32.000	511.03	42.522	19.891	26	-0.92	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	474.00	36.000	511.03	42.522	19.891	26	-0.87	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	477.01	12.599	511.03	42.522	19.891	26	-0.80	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0720	477.30	25.400	511.03	42.522	19.891	26	-0.79	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2171	486.25	3.9000	511.03	42.522	19.891	26	-0.58	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0511	491.00	10.000	511.03	42.522	19.891	26	-0.47	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	491.50	39.000	511.03	42.522	19.891	26	-0.46	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0051	493.50	9.0000	511.03	42.522	19.891	26	-0.41	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0955	503.50	5.0000	511.03	42.522	19.891	26	-0.18	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	511.50	1.0000	511.03	42.522	19.891	26	0.01	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	516.90	9.2000	511.03	42.522	19.891	26	0.14	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	519.43	4.5700	511.03	42.522	19.891	26	0.20	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	520.65	49.300	511.03	42.522	19.891	26	0.23	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	524.00	14.000	511.03	42.522	19.891	26	0.30	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	529.56	1.0900	511.03	42.522	19.891	26	0.44	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0964	533.97	26.438	511.03	42.522	19.891	26	0.54	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	543.05	7.4900	511.03	42.522	19.891	26	0.75	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	548.55	31.900	511.03	42.522	19.891	26	0.88	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	555.30	26.400	511.03	42.522	19.891	26	1.04	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	560.00	12.000	511.03	42.522	19.891	26	1.15	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	561.65	27.500	511.03	42.522	19.891	26	1.19	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	565.42	58.830	511.03	42.522	19.891	26	1.28	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	615.50	11.000	511.03	42.522	19.891	26	2.46	10%	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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0096	362.33	31.762	470.47	68.854	22.746	17	-1.57	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	366.50	33.000	470.47	68.854	22.746	17	-1.51	11%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	401.50	21.000	470.47	68.854	22.746	17	-1.00	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0726	433.45	0.10000	470.47	68.854	22.746	17	-0.54	4%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	440.50	7.0000	470.47	68.854	22.746	17	-0.44	3%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	453.00	40.000	470.47	68.854	22.746	17	-0.25	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0187	457.84	3.3200	470.47	68.854	22.746	17	-0.18	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0190	458.55	25.300	470.47	68.854	22.746	17	-0.17	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0026	464.00	28.000	470.47	68.854	22.746	17	-0.09	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	472.50	7.0000	470.47	68.854	22.746	17	0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	472.75	58.700	470.47	68.854	22.746	17	0.03	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	482.00	18.000	470.47	68.854	22.746	17	0.17	1%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	524.65	34.300	470.47	68.854	22.746	17	0.79	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	531.00	14.000	470.47	68.854	22.746	17	0.88	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0294	538.47	7.3400	470.47	68.854	22.746	17	0.99	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	559.61	39.859	470.47	68.854	22.746	17	1.29	9%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	607.00	18.000	470.47	68.854	22.746	17	1.98	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	399.50	17.000	511.13	40.141	24.339	22	-2.78	11%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	468.50	11.000	511.13	40.141	24.339	22	-1.06	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	475.79	46.190	511.13	40.141	24.339	22	-0.88	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0034	475.81	32.760	511.13	40.141	24.339	22	-0.88	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0668	480.50	1.0000	511.13	40.141	24.339	22	-0.76	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	486.42	66.120	511.13	40.141	24.339	22	-0.62	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	487.00	14.000	511.13	40.141	24.339	22	-0.60	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0875	490.00	20.000	511.13	40.141	24.339	22	-0.53	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	497.00	4.0000	511.13	40.141	24.339	22	-0.35	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	498.00	0.00000	511.13	40.141	24.339	22	-0.33	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	500.00	8.0000	511.13	40.141	24.339	22	-0.28	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0425	502.80	32.000	511.13	40.141	24.339	22	-0.21	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	503.07	4.8500	511.13	40.141	24.339	22	-0.20	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	512.00	8.0000	511.13	40.141	24.339	22	0.02	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	528.00	22.000	511.13	40.141	24.339	22	0.42	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	532.00	34.000	511.13	40.141	24.339	22	0.52	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0028	546.00	44.000	511.13	40.141	24.339	22	0.87	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	554.50	13.000	511.13	40.141	24.339	22	1.08	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	558.84	84.130	511.13	40.141	24.339	22	1.19	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	560.20	55.400	511.13	40.141	24.339	22	1.22	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	566.25	0.00000	511.13	40.141	24.339	22	1.37	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0033	737.00	18.000	511.13	40.141	24.339	22	5.63	22%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0047	405.21	0.06000	462.76	41.595	16.290	4	-1.15	6%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0096	459.81	62.048	462.76	41.595	16.290	4	-0.08	0%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	488.51	2.0500	462.76	41.595	16.290	4	0.49	3%	0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	497.50	1.0000	462.76	41.595	16.290	4	0.66	4%	0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	2055	481.00	20.000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0199	495.11	7.2000				3			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	598.00	24.000				3			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	455.50	5.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	461.00	50.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.14500	0.01000	0.18812	0.01517	0.00643	17	-2.84	11%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.17000	0.00000	0.18812	0.01517	0.00643	17	-1.19	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.17300	0.01420	0.18812	0.01517	0.00643	17	-1.00	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.17335	0.00230	0.18812	0.01517	0.00643	17	-0.97	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.17350	0.01100	0.18812	0.01517	0.00643	17	-0.96	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.18250	0.00500	0.18812	0.01517	0.00643	17	-0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.18800	0.00000	0.18812	0.01517	0.00643	17	-0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.18860	0.00300	0.18812	0.01517	0.00643	17	0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.19000	0.02000	0.18812	0.01517	0.00643	17	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.19000	0.01000	0.18812	0.01517	0.00643	17	0.12	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.19300	0.00400	0.18812	0.01517	0.00643	17	0.32	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.19500	0.01000	0.18812	0.01517	0.00643	17	0.45	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.19700	0.00200	0.18812	0.01517	0.00643	17	0.59	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0878	0.20000	0.00000	0.18812	0.01517	0.00643	17	0.78	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.20100	0.01000	0.18812	0.01517	0.00643	17	0.85	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0650	0.20870	0.00780	0.18812	0.01517	0.00643	17	1.36	5%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.20900	0.00000	0.18812	0.01517	0.00643	17	1.38	6%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.09500	0.01000	0.18205	0.05035	0.00574	5	-7.28	27%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.18800	0.01360	0.18205	0.05035	0.00574	5	-1.06	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.19475	0.00210	0.18205	0.05035	0.00574	5	-0.61	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0612	0.21250	0.00300	0.18205	0.05035	0.00574	5	0.58	2%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.22000	0.00000	0.18205	0.05035	0.00574	5	1.08	4%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.18450	0.00700				1			0
027.34	Magnesium, AAS, Dry ash (%)	2161	0.19500	0.01000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.16805	0.00530	0.19015	0.00932	0.00567	25	-2.37	6%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.17500	0.01000	0.19015	0.00932	0.00567	25	-1.63	4%	0
027.41	Magnesium, ICP, Dry ash (%)	2145	0.17935	0.00030	0.19015	0.00932	0.00567	25	-1.16	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0720	0.18000	0.00000	0.19015	0.00932	0.00567	25	-1.09	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.18000	0.02000	0.19015	0.00932	0.00567	25	-1.09	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.18500	0.01000	0.19015	0.00932	0.00567	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.18500	0.01000	0.19015	0.00932	0.00567	25	-0.55	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.18550	0.00100	0.19015	0.00932	0.00567	25	-0.50	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0964	0.18575	0.00090	0.19015	0.00932	0.00567	25	-0.47	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2146	0.18800	0.00400	0.19015	0.00932	0.00567	25	-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	
027.41	Magnesium, ICP, Dry ash (%)	0164	0.18850	0.00500	0.19015	0.00932	0.00567	25	-0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.19000	0.00000	0.19015	0.00932	0.00567	25	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.19000	0.00000	0.19015	0.00932	0.00567	25	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.19000	0.00000	0.19015	0.00932	0.00567	25	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.19180	0.00560	0.19015	0.00932	0.00567	25	0.18	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0051	0.19325	0.01170	0.19015	0.00932	0.00567	25	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.19350	0.00500	0.19015	0.00932	0.00567	25	0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.19500	0.01000	0.19015	0.00932	0.00567	25	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.19500	0.01000	0.19015	0.00932	0.00567	25	0.52	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.19650	0.00300	0.19015	0.00932	0.00567	25	0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.20000	0.00000	0.19015	0.00932	0.00567	25	1.06	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.20000	0.00000	0.19015	0.00932	0.00567	25	1.06	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.20100	0.01000	0.19015	0.00932	0.00567	25	1.16	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.22500	0.01000	0.19015	0.00932	0.00567	25	3.74	9%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.22500	0.01000	0.19015	0.00932	0.00567	25	3.74	9%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	1.7100	0.02000	0.19015	0.00932	0.00567	25	163.15	400%	2
027.42	Magnesium, ICP, Open vessel (%)	0026	0.17500	0.01000	0.19627	0.01285	0.00700	19	-1.66	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.17800	0.00600	0.19627	0.01285	0.00700	19	-1.42	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0096	0.18040	0.02620	0.19627	0.01285	0.00700	19	-1.23	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.18575	0.00310	0.19627	0.01285	0.00700	19	-0.82	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.18725	0.00250	0.19627	0.01285	0.00700	19	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.19000	0.00000	0.19627	0.01285	0.00700	19	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.19000	0.00000	0.19627	0.01285	0.00700	19	-0.49	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.19500	0.01000	0.19627	0.01285	0.00700	19	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.19500	0.01000	0.19627	0.01285	0.00700	19	-0.10	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.19700	0.00200	0.19627	0.01285	0.00700	19	0.06	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.19895	0.00150	0.19627	0.01285	0.00700	19	0.21	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.20000	0.00000	0.19627	0.01285	0.00700	19	0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.20300	0.00000	0.19627	0.01285	0.00700	19	0.52	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.20500	0.01000	0.19627	0.01285	0.00700	19	0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.20500	0.01000	0.19627	0.01285	0.00700	19	0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.20500	0.01000	0.19627	0.01285	0.00700	19	0.68	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.21000	0.02000	0.19627	0.01285	0.00700	19	1.07	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.21130	0.00980	0.19627	0.01285	0.00700	19	1.17	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0187	0.23095	0.00190	0.19627	0.01285	0.00700	19	2.70	9%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.16000	0.00000	0.19320	0.01412	0.00426	23	-2.35	9%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.17650	0.00300	0.19320	0.01412	0.00426	23	-1.18	4%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.17650	0.00300	0.19320	0.01412	0.00426	23	-1.18	4%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.18100	0.00200	0.19320	0.01412	0.00426	23	-0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0043	0.18150	0.00500	0.19320	0.01412	0.00426	23	-0.83	3%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.18150	0.00300	0.19320	0.01412	0.00426	23	-0.83	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0083	0.18500	0.01000	0.19320	0.01412	0.00426	23	-0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.18500	0.01000	0.19320	0.01412	0.00426	23	-0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.19000	0.00000	0.19320	0.01412	0.00426	23	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.19000	0.00000	0.19320	0.01412	0.00426	23	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.19000	0.00000	0.19320	0.01412	0.00426	23	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.19250	0.00100	0.19320	0.01412	0.00426	23	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.19500	0.01000	0.19320	0.01412	0.00426	23	0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.19500	0.01000	0.19320	0.01412	0.00426	23	0.13	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.19585	0.00070	0.19320	0.01412	0.00426	23	0.19	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.20000	0.00000	0.19320	0.01412	0.00426	23	0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.20000	0.00000	0.19320	0.01412	0.00426	23	0.48	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.20305	0.00730	0.19320	0.01412	0.00426	23	0.70	3%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.20500	0.01000	0.19320	0.01412	0.00426	23	0.84	3%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.20600	0.00200	0.19320	0.01412	0.00426	23	0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.21350	0.01100	0.19320	0.01412	0.00426	23	1.44	5%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.22000	0.00000	0.19320	0.01412	0.00426	23	1.90	7%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.25500	0.01000	0.19320	0.01412	0.00426	23	4.38	16%	0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.18300	0.00600				2			0
027.44	Magnesium, ICP, Dry ash (%)	0955	0.18450	0.00300				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.17280	0.00060	0.18873	0.02309	0.00770	4	-0.69	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.17500	0.01000	0.18873	0.02309	0.00770	4	-0.59	4%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0096	0.18460	0.01320	0.18873	0.02309	0.00770	4	-0.18	1%	0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.22250	0.00700	0.18873	0.02309	0.00770	4	1.46	9%	0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.20200	0.01800				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.20400	0.02600				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.00000	0.00000				2			4
027.99	Magnesium, Miscellaneous (%)	0889	0.18000	0.00000	0.19250	0.00866	0.00500	4	-1.44	3%	0
027.99	Magnesium, Miscellaneous (%)	0242	0.19500	0.01000	0.19250	0.00866	0.00500	4	0.29	1%	0
027.99	Magnesium, Miscellaneous (%)	0590	0.19500	0.01000	0.19250	0.00866	0.00500	4	0.29	1%	0
027.99	Magnesium, Miscellaneous (%)	0100	0.20000	0.00000	0.19250	0.00866	0.00500	4	0.87	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	26.950	2.0000	37.209	2.1326	1.2390	13	-4.81	14%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	2161	28.450	3.5000	37.209	2.1326	1.2390	13	-4.11	12%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	35.760	0.00000	37.209	2.1326	1.2390	13	-0.68	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	36.000	0.00000	37.209	2.1326	1.2390	13	-0.57	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0001	36.470	3.8000	37.209	2.1326	1.2390	13	-0.35	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	37.110	0.26000	37.209	2.1326	1.2390	13	-0.05	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0878	37.600	0.00000	37.209	2.1326	1.2390	13	0.18	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	37.920	0.66000	37.209	2.1326	1.2390	13	0.33	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	38.300	0.80000	37.209	2.1326	1.2390	13	0.51	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	38.500	1.0000	37.209	2.1326	1.2390	13	0.61	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	39.000	2.0000	37.209	2.1326	1.2390	13	0.84	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	39.038	1.0868	37.209	2.1326	1.2390	13	0.86	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	40.000	1.0000	37.209	2.1326	1.2390	13	1.31	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	38.000	4.0000				2			0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	41.990	3.8200				2			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	36.037	0.57200				1			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	27.615	0.89000	36.935	4.2622	1.0137	23	-2.19	13%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0720	28.475	0.49000	36.935	4.2622	1.0137	23	-1.98	11%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	31.550	0.68000	36.935	4.2622	1.0137	23	-1.26	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	33.000	2.0000	36.935	4.2622	1.0137	23	-0.92	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	33.290	1.3000	36.935	4.2622	1.0137	23	-0.86	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	33.704	0.90820	36.935	4.2622	1.0137	23	-0.76	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	35.350	0.10000	36.935	4.2622	1.0137	23	-0.37	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	35.650	2.1000	36.935	4.2622	1.0137	23	-0.30	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	35.690	0.26000	36.935	4.2622	1.0137	23	-0.29	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	36.500	1.0000	36.935	4.2622	1.0137	23	-0.10	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	36.500	1.0000	36.935	4.2622	1.0137	23	-0.10	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0964	37.737	0.90600	36.935	4.2622	1.0137	23	0.19	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	37.780	2.9600	36.935	4.2622	1.0137	23	0.20	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	37.880	1.1800	36.935	4.2622	1.0137	23	0.22	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	38.000	0.00000	36.935	4.2622	1.0137	23	0.25	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	38.205	0.53000	36.935	4.2622	1.0137	23	0.30	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0051	38.245	0.17000	36.935	4.2622	1.0137	23	0.31	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	39.085	0.17000	36.935	4.2622	1.0137	23	0.50	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	39.775	1.2900	36.935	4.2622	1.0137	23	0.67	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	40.500	3.0000	36.935	4.2622	1.0137	23	0.84	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	43.650	0.30000	36.935	4.2622	1.0137	23	1.58	9%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	44.590	1.0800	36.935	4.2622	1.0137	23	1.80	10%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	48.500	1.0000	36.935	4.2622	1.0137	23	2.71	16%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	26.950	3.7000	39.287	3.7697	2.3653	19	-3.27	16%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0026	27.000	10.000	39.287	3.7697	2.3653	19	-3.26	16%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	32.750	0.46000	39.287	3.7697	2.3653	19	-1.73	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	37.200	0.40000	39.287	3.7697	2.3653	19	-0.55	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0096	37.261	3.8820	39.287	3.7697	2.3653	19	-0.54	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	38.400	2.2000	39.287	3.7697	2.3653	19	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	38.500	1.0000	39.287	3.7697	2.3653	19	-0.21	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	38.550	0.10000	39.287	3.7697	2.3653	19	-0.20	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	38.906	0.03910	39.287	3.7697	2.3653	19	-0.10	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	39.000	4.0000	39.287	3.7697	2.3653	19	-0.08	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	39.500	1.0000	39.287	3.7697	2.3653	19	0.06	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	40.500	9.4000	39.287	3.7697	2.3653	19	0.32	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	40.900	2.4000	39.287	3.7697	2.3653	19	0.43	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	41.566	0.60000	39.287	3.7697	2.3653	19	0.60	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	41.605	0.55000	39.287	3.7697	2.3653	19	0.61	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0187	41.625	0.15000	39.287	3.7697	2.3653	19	0.62	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	42.160	0.14000	39.287	3.7697	2.3653	19	0.76	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	46.100	4.4000	39.287	3.7697	2.3653	19	1.81	9%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0294	46.860	0.52000	39.287	3.7697	2.3653	19	2.01	10%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	32.700	0.00000	37.301	2.9447	0.96036	23	-1.56	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	33.800	2.4000	37.301	2.9447	0.96036	23	-1.19	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	33.930	0.12900	37.301	2.9447	0.96036	23	-1.15	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	34.000	0.00000	37.301	2.9447	0.96036	23	-1.12	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	34.815	2.9900	37.301	2.9447	0.96036	23	-0.84	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	34.850	0.70000	37.301	2.9447	0.96036	23	-0.83	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0668	35.050	0.30000	37.301	2.9447	0.96036	23	-0.76	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	35.500	1.0000	37.301	2.9447	0.96036	23	-0.61	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	36.500	1.0000	37.301	2.9447	0.96036	23	-0.27	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	36.760	0.20000	37.301	2.9447	0.96036	23	-0.18	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	37.250	1.1000	37.301	2.9447	0.96036	23	-0.02	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0425	37.395	0.43000	37.301	2.9447	0.96036	23	0.03	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	37.500	1.0000	37.301	2.9447	0.96036	23	0.07	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	37.650	1.1000	37.301	2.9447	0.96036	23	0.12	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0875	38.500	1.0000	37.301	2.9447	0.96036	23	0.41	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	39.127	3.8322	37.301	2.9447	0.96036	23	0.62	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	39.543	0.68700	37.301	2.9447	0.96036	23	0.76	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	39.940	0.66000	37.301	2.9447	0.96036	23	0.90	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	40.000	0.00000	37.301	2.9447	0.96036	23	0.92	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	40.040	0.26000	37.301	2.9447	0.96036	23	0.93	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	40.500	3.0000	37.301	2.9447	0.96036	23	1.09	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	40.680	0.00000	37.301	2.9447	0.96036	23	1.15	5%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0043	57.450	0.30000	37.301	2.9447	0.96036	23	6.84	27%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	30.550	0.70000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	40.796	0.80800				2			0
028.51	Manganese, ICP-MS, Dry ash (mg / kg (ppm))	2146	38.600	1.6000				1			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0096	37.699	1.3538				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	42.425	0.77000				3			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	47.800	1.6000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0199	36.395	1.2100				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	38.800	0.00000				3			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	42.600	0.60000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	40.150	2.1000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	40.500	3.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	41.500	5.0000				3			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.00	Phosphorus, Vol (%)	0895	3.5450	0.01000							0
031.00	Phosphorus, Vol (%)	0893	3.7000	0.00000							0
031.01	Phosphorus, Photometric (%)	0921	3.0275	0.04900	3.5546	0.13519	0.04571	41	-3.90	7%	0
031.01	Phosphorus, Photometric (%)	0940	3.2100	0.20000	3.5546	0.13519	0.04571	41	-2.55	5%	0
031.01	Phosphorus, Photometric (%)	0623	3.2468	0.06170	3.5546	0.13519	0.04571	41	-2.28	4%	0
031.01	Phosphorus, Photometric (%)	0620	3.2819	0.07790	3.5546	0.13519	0.04571	41	-2.02	4%	0
031.01	Phosphorus, Photometric (%)	0874	3.3140	0.05000	3.5546	0.13519	0.04571	41	-1.78	3%	0
031.01	Phosphorus, Photometric (%)	0511	3.3250	0.23000	3.5546	0.13519	0.04571	41	-1.70	3%	0
031.01	Phosphorus, Photometric (%)	0142	3.3685	0.02250	3.5546	0.13519	0.04571	41	-1.38	3%	0
031.01	Phosphorus, Photometric (%)	2109	3.4285	0.03900	3.5546	0.13519	0.04571	41	-0.93	2%	0
031.01	Phosphorus, Photometric (%)	0208	3.4420	0.00400	3.5546	0.13519	0.04571	41	-0.83	2%	0
031.01	Phosphorus, Photometric (%)	0622	3.4538	0.00440	3.5546	0.13519	0.04571	41	-0.75	1%	0
031.01	Phosphorus, Photometric (%)	0653	3.4615	0.03900	3.5546	0.13519	0.04571	41	-0.69	1%	0
031.01	Phosphorus, Photometric (%)	0689	3.4700	0.00000	3.5546	0.13519	0.04571	41	-0.63	1%	0
031.01	Phosphorus, Photometric (%)	0651	3.5105	0.01500	3.5546	0.13519	0.04571	41	-0.33	1%	0
031.01	Phosphorus, Photometric (%)	0175	3.5150	0.07000	3.5546	0.13519	0.04571	41	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0722	3.5418	0.01870	3.5546	0.13519	0.04571	41	-0.10	0%	0
031.01	Phosphorus, Photometric (%)	0948	3.5455	0.03300	3.5546	0.13519	0.04571	41	-0.07	0%	0
031.01	Phosphorus, Photometric (%)	0552	3.5500	0.06000	3.5546	0.13519	0.04571	41	-0.03	0%	0
031.01	Phosphorus, Photometric (%)	2022	3.5600	0.00000	3.5546	0.13519	0.04571	41	0.04	0%	0
031.01	Phosphorus, Photometric (%)	0626	3.5800	0.05200	3.5546	0.13519	0.04571	41	0.19	0%	0
031.01	Phosphorus, Photometric (%)	2068	3.5800	0.00000	3.5546	0.13519	0.04571	41	0.19	0%	0
031.01	Phosphorus, Photometric (%)	2006	3.5860	0.03600	3.5546	0.13519	0.04571	41	0.23	0%	0
031.01	Phosphorus, Photometric (%)	0884	3.5950	0.15000	3.5546	0.13519	0.04571	41	0.30	1%	0
031.01	Phosphorus, Photometric (%)	2062	3.6029	0.00570	3.5546	0.13519	0.04571	41	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0939	3.6050	0.09000	3.5546	0.13519	0.04571	41	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0563	3.6146	0.02610	3.5546	0.13519	0.04571	41	0.44	1%	0
031.01	Phosphorus, Photometric (%)	0629	3.6200	0.04000	3.5546	0.13519	0.04571	41	0.48	1%	0
031.01	Phosphorus, Photometric (%)	0650	3.6250	0.09000	3.5546	0.13519	0.04571	41	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0897	3.6250	0.01000	3.5546	0.13519	0.04571	41	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0903	3.6250	0.01000	3.5546	0.13519	0.04571	41	0.52	1%	0
031.01	Phosphorus, Photometric (%)	0683	3.6400	0.02000	3.5546	0.13519	0.04571	41	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0849	3.6400	0.02000	3.5546	0.13519	0.04571	41	0.63	1%	0
031.01	Phosphorus, Photometric (%)	0885	3.6490	0.01920	3.5546	0.13519	0.04571	41	0.70	1%	0
031.01	Phosphorus, Photometric (%)	0529	3.6600	0.04000	3.5546	0.13519	0.04571	41	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0590	3.6600	0.06000	3.5546	0.13519	0.04571	41	0.78	1%	0
031.01	Phosphorus, Photometric (%)	2093	3.6600	0.02000	3.5546	0.13519	0.04571	41	0.78	1%	0
031.01	Phosphorus, Photometric (%)	2144	3.6600	0.02000	3.5546	0.13519	0.04571	41	0.78	1%	0
031.01	Phosphorus, Photometric (%)	0354	3.6750	0.03000	3.5546	0.13519	0.04571	41	0.89	2%	0
031.01	Phosphorus, Photometric (%)	0687	3.6750	0.15000	3.5546	0.13519	0.04571	41	0.89	2%	0
031.01	Phosphorus, Photometric (%)	2009	3.6891	0.00090	3.5546	0.13519	0.04571	41	0.99	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	
031.01	Phosphorus, Photometric (%)	0878	3.7950	0.01000	3.5546	0.13519	0.04571	41	1.78	3%	0
031.01	Phosphorus, Photometric (%)	0905	4.1600	0.00000	3.5546	0.13519	0.04571	41	4.48	9%	0
031.01	Phosphorus, Photometric (%)	0108	2.8650	0.33000	3.5546	0.13519	0.04571	41	-5.10	10%	1
031.01	Phosphorus, Photometric (%)	0609	1.4750	0.01000	3.5546	0.13519	0.04571	41	-15.38	29%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0043	3.6100	0.10000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	3.6250	0.01000				3			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	3.6850	0.07000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0169	3.2950	0.01000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0504	3.6150	0.03000				3			0
031.03	Phosphorus, Autoanalyzer (%)	0001	3.6970	0.07600				3			0
031.06	Phosphorus, Hach Method (%)	0536	3.7350	0.33000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0089	2.4300	0.00000	3.5507	0.23002	0.05317	28	-4.87	16%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	2.9350	0.01000	3.5507	0.23002	0.05317	28	-2.68	9%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	3.1300	0.02000	3.5507	0.23002	0.05317	28	-1.83	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	3.2350	0.11000	3.5507	0.23002	0.05317	28	-1.37	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	3.3350	0.27000	3.5507	0.23002	0.05317	28	-0.94	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	3.3850	0.13000	3.5507	0.23002	0.05317	28	-0.72	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	3.4100	0.02000	3.5507	0.23002	0.05317	28	-0.61	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	3.4220	0.10000	3.5507	0.23002	0.05317	28	-0.56	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0298	3.4300	0.02000	3.5507	0.23002	0.05317	28	-0.52	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0964	3.4613	0.05210	3.5507	0.23002	0.05317	28	-0.39	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	3.5000	0.02000	3.5507	0.23002	0.05317	28	-0.22	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	3.5345	0.04100	3.5507	0.23002	0.05317	28	-0.07	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	3.5750	0.01000	3.5507	0.23002	0.05317	28	0.11	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	3.5800	0.00000	3.5507	0.23002	0.05317	28	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	3.5800	0.06000	3.5507	0.23002	0.05317	28	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	3.5850	0.03000	3.5507	0.23002	0.05317	28	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	3.5950	0.01000	3.5507	0.23002	0.05317	28	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2145	3.5950	0.01000	3.5507	0.23002	0.05317	28	0.19	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	3.6150	0.03000	3.5507	0.23002	0.05317	28	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	3.6150	0.01000	3.5507	0.23002	0.05317	28	0.28	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0051	3.7330	0.00260	3.5507	0.23002	0.05317	28	0.79	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	3.7345	0.09700	3.5507	0.23002	0.05317	28	0.80	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	3.7500	0.00000	3.5507	0.23002	0.05317	28	0.87	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	3.7750	0.15000	3.5507	0.23002	0.05317	28	0.98	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0720	3.7800	0.10000	3.5507	0.23002	0.05317	28	1.00	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	3.7850	0.01000	3.5507	0.23002	0.05317	28	1.02	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	4.0850	0.15000	3.5507	0.23002	0.05317	28	2.32	8%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	4.3502	0.02600	3.5507	0.23002	0.05317	28	3.48	11%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	3.7000	0.30000	3.5507	0.23002	0.05317	28	0.65	2%	1
031.42	Phosphorus, ICP, Open vessel (%)	0026	2.9500	0.10000	3.6481	0.22778	0.17168	22	-3.06	10%	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 (%)	0357	3.1953	0.09550	3.6481	0.22778	0.17168	22	-1.99	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	3.3300	0.00000	3.6481	0.22778	0.17168	22	-1.40	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	3.3900	0.06000	3.6481	0.22778	0.17168	22	-1.13	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	3.4876	0.02100	3.6481	0.22778	0.17168	22	-0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0096	3.5276	0.60710	3.6481	0.22778	0.17168	22	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	3.5700	0.02000	3.6481	0.22778	0.17168	22	-0.34	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	3.6035	0.33350	3.6481	0.22778	0.17168	22	-0.20	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	3.6050	0.57000	3.6481	0.22778	0.17168	22	-0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0187	3.6300	0.06000	3.6481	0.22778	0.17168	22	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	3.6300	0.12000	3.6481	0.22778	0.17168	22	-0.08	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	3.6735	0.01900	3.6481	0.22778	0.17168	22	0.11	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	3.6800	0.06000	3.6481	0.22778	0.17168	22	0.14	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	3.7050	0.47000	3.6481	0.22778	0.17168	22	0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	3.7500	0.20000	3.6481	0.22778	0.17168	22	0.45	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	3.7750	0.11000	3.6481	0.22778	0.17168	22	0.56	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	3.7850	0.31000	3.6481	0.22778	0.17168	22	0.60	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	3.8300	0.02000	3.6481	0.22778	0.17168	22	0.80	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	3.8459	0.00480	3.6481	0.22778	0.17168	22	0.87	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	3.8480	0.00600	3.6481	0.22778	0.17168	22	0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	3.9900	0.58000	3.6481	0.22778	0.17168	22	1.50	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	4.0350	0.01000	3.6481	0.22778	0.17168	22	1.70	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0043	3.1450	0.01000	3.6103	0.22378	0.12678	23	-2.08	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	3.2500	0.10000	3.6103	0.22378	0.12678	23	-1.61	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	3.2630	0.02400	3.6103	0.22378	0.12678	23	-1.55	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	3.3200	0.02000	3.6103	0.22378	0.12678	23	-1.30	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	3.4150	0.41000	3.6103	0.22378	0.12678	23	-0.87	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	3.5135	0.01900	3.6103	0.22378	0.12678	23	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	3.5250	0.35000	3.6103	0.22378	0.12678	23	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	3.5681	0.11300	3.6103	0.22378	0.12678	23	-0.19	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	3.5900	0.00000	3.6103	0.22378	0.12678	23	-0.09	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	3.6050	0.05000	3.6103	0.22378	0.12678	23	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	3.6350	0.01000	3.6103	0.22378	0.12678	23	0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	3.6400	0.40000	3.6103	0.22378	0.12678	23	0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	3.6490	0.05000	3.6103	0.22378	0.12678	23	0.17	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	3.6550	0.35000	3.6103	0.22378	0.12678	23	0.20	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	3.6715	0.11100	3.6103	0.22378	0.12678	23	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	3.6950	0.39000	3.6103	0.22378	0.12678	23	0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	3.7000	0.08000	3.6103	0.22378	0.12678	23	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	3.7400	0.00000	3.6103	0.22378	0.12678	23	0.58	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	3.7693	0.11600	3.6103	0.22378	0.12678	23	0.71	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	3.7800	0.18000	3.6103	0.22378	0.12678	23	0.76	2%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0968	3.8495	0.01300	3.6103	0.22378	0.12678	23	1.07	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	4.0250	0.11000	3.6103	0.22378	0.12678	23	1.85	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	4.0350	0.01000	3.6103	0.22378	0.12678	23	1.90	6%	0
031.44	Phosphorus, ICP, Dry ash (%)	0955	3.6900	0.04000				2			0
031.44	Phosphorus, ICP, Dry ash (%)	2004	3.7450	0.13000				2			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	3.5575	0.06100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	3.0388	0.25550				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0300	3.1140	0.10600	3.5648	0.30224	0.17400	4	-15.14	8%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	3.6850	0.25000	3.5648	0.30224	0.17400	4	-0.76	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	3.7000	0.14000	3.5648	0.30224	0.17400	4	-0.38	0%	0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	3.7600	0.20000	3.5648	0.30224	0.17400	4	1.13	1%	0
031.99	Phosphorus, Miscellaneous (%)	0889	2.2505	0.01900	3.0881	0.68474	0.12780	5	-1.22	14%	0
031.99	Phosphorus, Miscellaneous (%)	0852	2.5700	0.26000	3.0881	0.68474	0.12780	5	-0.76	8%	0
031.99	Phosphorus, Miscellaneous (%)	0100	3.1000	0.24000	3.0881	0.68474	0.12780	5	0.02	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	3.7250	0.03000	3.0881	0.68474	0.12780	5	0.93	10%	0
031.99	Phosphorus, Miscellaneous (%)	2161	3.7950	0.09000	3.0881	0.68474	0.12780	5	1.03	11%	0
032.02	Potassium, Flame Emission (%)	0504	0.78000	0.00000				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.63000	0.00000	0.75976	0.06430	0.01321	18	-2.02	9%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.67950	0.00500	0.75976	0.06430	0.01321	18	-1.25	5%	0
032.31	Potassium, AAS, Dry ash (%)	0014	0.68250	0.00700	0.75976	0.06430	0.01321	18	-1.20	5%	0
032.31	Potassium, AAS, Dry ash (%)	0563	0.71935	0.01410	0.75976	0.06430	0.01321	18	-0.63	3%	0
032.31	Potassium, AAS, Dry ash (%)	0505	0.72500	0.03000	0.75976	0.06430	0.01321	18	-0.54	2%	0
032.31	Potassium, AAS, Dry ash (%)	0921	0.72500	0.00000	0.75976	0.06430	0.01321	18	-0.54	2%	0
032.31	Potassium, AAS, Dry ash (%)	0650	0.74000	0.02800	0.75976	0.06430	0.01321	18	-0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0878	0.74000	0.02000	0.75976	0.06430	0.01321	18	-0.31	1%	0
032.31	Potassium, AAS, Dry ash (%)	0629	0.75500	0.01000	0.75976	0.06430	0.01321	18	-0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0874	0.76150	0.02500	0.75976	0.06430	0.01321	18	0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0175	0.76500	0.01000	0.75976	0.06430	0.01321	18	0.08	0%	0
032.31	Potassium, AAS, Dry ash (%)	0354	0.78500	0.03000	0.75976	0.06430	0.01321	18	0.39	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	0.79500	0.01000	0.75976	0.06430	0.01321	18	0.55	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.80000	0.00000	0.75976	0.06430	0.01321	18	0.63	3%	0
032.31	Potassium, AAS, Dry ash (%)	0142	0.80405	0.02870	0.75976	0.06430	0.01321	18	0.69	3%	0
032.31	Potassium, AAS, Dry ash (%)	0208	0.82300	0.01000	0.75976	0.06430	0.01321	18	0.98	4%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.94500	0.01000	0.75976	0.06430	0.01321	18	2.88	12%	0
032.31	Potassium, AAS, Dry ash (%)	2161	1.1500	0.00000	0.75976	0.06430	0.01321	18	6.07	26%	0
032.32	Potassium, AAS, Open vessel (%)	0609	0.36500	0.01000				3			0
032.32	Potassium, AAS, Open vessel (%)	0263	0.80940	0.00240				3			0
032.32	Potassium, AAS, Open vessel (%)	0169	0.82500	0.01000				3			0
032.41	Potassium, ICP, Dry ash (%)	0720	0.69000	0.04000	0.77937	0.04680	0.02436	26	-1.91	6%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.71000	0.04000	0.77937	0.04680	0.02436	26	-1.48	4%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.71950	0.00100	0.77937	0.04680	0.02436	26	-1.28	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0619	0.73250	0.00300	0.77937	0.04680	0.02436	26	-1.00	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.74000	0.06000	0.77937	0.04680	0.02436	26	-0.84	3%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.75000	0.02000	0.77937	0.04680	0.02436	26	-0.63	2%	0
032.41	Potassium, ICP, Dry ash (%)	2171	0.75050	0.00900	0.77937	0.04680	0.02436	26	-0.62	2%	0
032.41	Potassium, ICP, Dry ash (%)	0964	0.75270	0.01560	0.77937	0.04680	0.02436	26	-0.57	2%	0
032.41	Potassium, ICP, Dry ash (%)	0003	0.75500	0.03000	0.77937	0.04680	0.02436	26	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0520	0.75500	0.09000	0.77937	0.04680	0.02436	26	-0.52	2%	0
032.41	Potassium, ICP, Dry ash (%)	0511	0.75650	0.02900	0.77937	0.04680	0.02436	26	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.77000	0.06000	0.77937	0.04680	0.02436	26	-0.20	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.78500	0.01000	0.77937	0.04680	0.02436	26	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0405	0.78500	0.01000	0.77937	0.04680	0.02436	26	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	2012	0.78500	0.03000	0.77937	0.04680	0.02436	26	0.12	0%	0
032.41	Potassium, ICP, Dry ash (%)	0164	0.79000	0.00000	0.77937	0.04680	0.02436	26	0.23	1%	0
032.41	Potassium, ICP, Dry ash (%)	0208	0.79200	0.01600	0.77937	0.04680	0.02436	26	0.27	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.80000	0.02000	0.77937	0.04680	0.02436	26	0.44	1%	0
032.41	Potassium, ICP, Dry ash (%)	0051	0.80125	0.01790	0.77937	0.04680	0.02436	26	0.47	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.81500	0.01120	0.77937	0.04680	0.02436	26	0.76	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	0.82500	0.03000	0.77937	0.04680	0.02436	26	0.97	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.83000	0.02000	0.77937	0.04680	0.02436	26	1.08	3%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.83455	0.01070	0.77937	0.04680	0.02436	26	1.18	4%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.83500	0.01000	0.77937	0.04680	0.02436	26	1.19	4%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.84000	0.02000	0.77937	0.04680	0.02436	26	1.30	4%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.84500	0.03000	0.77937	0.04680	0.02436	26	1.40	4%	0
032.42	Potassium, ICP, Open vessel (%)	0026	0.62000	0.00000	0.82327	0.04778	0.01565	20	-4.25	12%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.75550	0.00900	0.82327	0.04778	0.01565	20	-1.42	4%	0
032.42	Potassium, ICP, Open vessel (%)	0560	0.78430	0.00680	0.82327	0.04778	0.01565	20	-0.82	2%	0
032.42	Potassium, ICP, Open vessel (%)	0096	0.78600	0.04600	0.82327	0.04778	0.01565	20	-0.78	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	0.79000	0.02000	0.82327	0.04778	0.01565	20	-0.70	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	0.79900	0.01200	0.82327	0.04778	0.01565	20	-0.51	1%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.80500	0.01000	0.82327	0.04778	0.01565	20	-0.38	1%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.80600	0.02000	0.82327	0.04778	0.01565	20	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	0.81350	0.01300	0.82327	0.04778	0.01565	20	-0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	0.81445	0.01090	0.82327	0.04778	0.01565	20	-0.18	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	0.81890	0.04080	0.82327	0.04778	0.01565	20	-0.09	0%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.82500	0.01000	0.82327	0.04778	0.01565	20	0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0265	0.83000	0.06000	0.82327	0.04778	0.01565	20	0.14	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	0.84000	0.02000	0.82327	0.04778	0.01565	20	0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.84850	0.00300	0.82327	0.04778	0.01565	20	0.53	2%	0
032.42	Potassium, ICP, Open vessel (%)	0190	0.85500	0.01000	0.82327	0.04778	0.01565	20	0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	0.85780	0.00140	0.82327	0.04778	0.01565	20	0.72	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	0.99500	0.01000	0.82327	0.04778	0.01565	20	3.59	10%	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 (%)	0366	1.0200	0.00000	0.82327	0.04778	0.01565	20	4.12	12%	0
032.42	Potassium, ICP, Open vessel (%)	0187	1.0350	0.01000	0.82327	0.04778	0.01565	20	4.43	13%	0
032.43	Potassium, ICP, Microwave (%)	0682	0.73000	0.00000	0.81992	0.04832	0.01190	21	-1.86	5%	0
032.43	Potassium, ICP, Microwave (%)	0043	0.76500	0.01000	0.81992	0.04832	0.01190	21	-1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.76500	0.01000	0.81992	0.04832	0.01190	21	-1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0861	0.77400	0.01000	0.81992	0.04832	0.01190	21	-0.95	3%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.77750	0.00500	0.81992	0.04832	0.01190	21	-0.88	3%	0
032.43	Potassium, ICP, Microwave (%)	0034	0.78440	0.00460	0.81992	0.04832	0.01190	21	-0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.78500	0.01000	0.81992	0.04832	0.01190	21	-0.72	2%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.79950	0.01100	0.81992	0.04832	0.01190	21	-0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.80100	0.03400	0.81992	0.04832	0.01190	21	-0.39	1%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.81500	0.01000	0.81992	0.04832	0.01190	21	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0028	0.82000	0.00000	0.81992	0.04832	0.01190	21	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	0.84000	0.00000	0.81992	0.04832	0.01190	21	0.42	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.84200	0.01400	0.81992	0.04832	0.01190	21	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0668	0.84200	0.04600	0.81992	0.04832	0.01190	21	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.84800	0.00540	0.81992	0.04832	0.01190	21	0.58	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.85000	0.00000	0.81992	0.04832	0.01190	21	0.62	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.85500	0.01000	0.81992	0.04832	0.01190	21	0.73	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.86000	0.04000	0.81992	0.04832	0.01190	21	0.83	2%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.87500	0.01000	0.81992	0.04832	0.01190	21	1.14	3%	0
032.43	Potassium, ICP, Microwave (%)	0353	0.88000	0.02000	0.81992	0.04832	0.01190	21	1.24	4%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.90000	0.00000	0.81992	0.04832	0.01190	21	1.66	5%	0
032.44	Potassium, ICP, Dry ash (%)	0955	0.75100	0.03000				2			0
032.44	Potassium, ICP, Dry ash (%)	2004	0.91000	0.01600				2			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	0.77550	0.03300				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.76790	0.00660				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.91050	0.00300				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	0.81000	0.03000				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	0.99350	0.09300				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.0000	0.00000				3			0
032.99	Potassium, Miscellaneous (%)	0001	0.66150	0.01500				3			0
032.99	Potassium, Miscellaneous (%)	0100	0.75500	0.01000				3			0
032.99	Potassium, Miscellaneous (%)	0242	0.81500	0.01000				3			0
032.99	Potassium, Miscellaneous (%)	0889	0.00000	0.00000				3			4
033.00	Salt as chloride, Sol Cl (%)	0171	0.42000	0.02000	0.88400	0.09773	0.01870	20	-4.75	26%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.68000	0.04000	0.88400	0.09773	0.01870	20	-2.09	12%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.75000	0.04000	0.88400	0.09773	0.01870	20	-1.37	8%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.75500	0.05000	0.88400	0.09773	0.01870	20	-1.32	7%	0
033.00	Salt as chloride, Sol Cl (%)	0504	0.81550	0.02700	0.88400	0.09773	0.01870	20	-0.70	4%	0
033.00	Salt as chloride, Sol Cl (%)	2068	0.84500	0.01000	0.88400	0.09773	0.01870	20	-0.40	2%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
033.00	Salt as chloride, Sol Cl (%)	0045	0.86250	0.00900	0.88400	0.09773	0.01870	20	-0.22	1%	0
033.00	Salt as chloride, Sol Cl (%)	0885	0.86550	0.02680	0.88400	0.09773	0.01870	20	-0.19	1%	0
033.00	Salt as chloride, Sol Cl (%)	0893	0.87000	0.00000	0.88400	0.09773	0.01870	20	-0.14	1%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.89500	0.03000	0.88400	0.09773	0.01870	20	0.11	1%	0
033.00	Salt as chloride, Sol Cl (%)	0903	0.92500	0.01000	0.88400	0.09773	0.01870	20	0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	2062	0.92540	0.00720	0.88400	0.09773	0.01870	20	0.42	2%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.93385	0.01150	0.88400	0.09773	0.01870	20	0.51	3%	0
033.00	Salt as chloride, Sol Cl (%)	0895	0.93500	0.01000	0.88400	0.09773	0.01870	20	0.52	3%	0
033.00	Salt as chloride, Sol Cl (%)	0897	0.94000	0.00000	0.88400	0.09773	0.01870	20	0.57	3%	0
033.00	Salt as chloride, Sol Cl (%)	2144	0.96000	0.02000	0.88400	0.09773	0.01870	20	0.78	4%	0
033.00	Salt as chloride, Sol Cl (%)	2145	0.97000	0.02000	0.88400	0.09773	0.01870	20	0.88	5%	0
033.00	Salt as chloride, Sol Cl (%)	0309	0.97750	0.02240	0.88400	0.09773	0.01870	20	0.96	5%	0
033.00	Salt as chloride, Sol Cl (%)	2093	0.98000	0.00000	0.88400	0.09773	0.01870	20	0.98	5%	0
033.00	Salt as chloride, Sol Cl (%)	0298	1.0000	0.02000	0.88400	0.09773	0.01870	20	1.19	7%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.88855	0.15490	0.88400	0.09773	0.01870	20	0.05	0%	1
033.00	Salt as chloride, Sol Cl (%)	0169	0.00000	0.00000	0.88400	0.09773	0.01870	20			4
033.01	Salt as chloride, Poten Cl (%)	0619	0.52550	0.01700	0.94446	0.04290	0.01446	24	-9.77	22%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.87450	0.00100	0.94446	0.04290	0.01446	24	-1.63	4%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.88500	0.01000	0.94446	0.04290	0.01446	24	-1.39	3%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.89000	0.04000	0.94446	0.04290	0.01446	24	-1.27	3%	0
033.01	Salt as chloride, Poten Cl (%)	0650	0.90500	0.05000	0.94446	0.04290	0.01446	24	-0.92	2%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.91500	0.01000	0.94446	0.04290	0.01446	24	-0.69	2%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.92000	0.00000	0.94446	0.04290	0.01446	24	-0.57	1%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.92500	0.01000	0.94446	0.04290	0.01446	24	-0.45	1%	0
033.01	Salt as chloride, Poten Cl (%)	0205	0.93850	0.04900	0.94446	0.04290	0.01446	24	-0.14	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.94500	0.01000	0.94446	0.04290	0.01446	24	0.01	0%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.94550	0.01500	0.94446	0.04290	0.01446	24	0.02	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.95000	0.02000	0.94446	0.04290	0.01446	24	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.95000	0.02000	0.94446	0.04290	0.01446	24	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.95000	0.02000	0.94446	0.04290	0.01446	24	0.13	0%	0
033.01	Salt as chloride, Poten Cl (%)	0683	0.95500	0.01000	0.94446	0.04290	0.01446	24	0.25	1%	0
033.01	Salt as chloride, Poten Cl (%)	0644	0.96035	0.02010	0.94446	0.04290	0.01446	24	0.37	1%	0
033.01	Salt as chloride, Poten Cl (%)	0629	0.96750	0.00500	0.94446	0.04290	0.01446	24	0.54	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.97000	0.02000	0.94446	0.04290	0.01446	24	0.60	1%	0
033.01	Salt as chloride, Poten Cl (%)	0861	0.97500	0.01000	0.94446	0.04290	0.01446	24	0.71	2%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.98000	0.00000	0.94446	0.04290	0.01446	24	0.83	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.98000	0.00000	0.94446	0.04290	0.01446	24	0.83	2%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.98500	0.01000	0.94446	0.04290	0.01446	24	0.94	2%	0
033.01	Salt as chloride, Poten Cl (%)	0874	1.0062	0.00000	0.94446	0.04290	0.01446	24	1.44	3%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.1200	0.00000	0.94446	0.04290	0.01446	24	4.09	9%	0
033.03	Salt as chloride, Quantab (%)	0505	1.0550	0.05000				2			0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.03	Salt as chloride, Quantab (%)	0144	1.1400	0.10000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.91500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0878	0.94500	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2043	1.0000	0.06000				3			0
033.99	Salt, Miscellaneous (%)	0552	0.75500	0.07000	1.0330	0.41156	0.05400	5	-0.83	6%	0
033.99	Salt, Miscellaneous (%)	0536	0.77500	0.01000	1.0330	0.41156	0.05400	5	-0.66	5%	0
033.99	Salt, Miscellaneous (%)	0682	0.87000	0.00000	1.0330	0.41156	0.05400	5	0.12	1%	0
033.99	Salt, Miscellaneous (%)	2073	1.0200	0.10000	1.0330	0.41156	0.05400	5	1.36	10%	0
033.99	Salt, Miscellaneous (%)	0358	1.7450	0.09000	1.0330	0.41156	0.05400	5	7.36	52%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	1.1650	0.17000	1.4933	0.29936	0.08908	6	-1.10	11%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	1.1848	0.04450	1.4933	0.29936	0.08908	6	-1.03	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	2053	1.5150	0.11000	1.4933	0.29936	0.08908	6	0.07	1%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	1.6150	0.03000	1.4933	0.29936	0.08908	6	0.41	4%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	1.6750	0.03000	1.4933	0.29936	0.08908	6	0.61	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	1.8050	0.15000	1.4933	0.29936	0.08908	6	1.04	10%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	0.00000	0.00000	1.4933	0.29936	0.08908	6			4
034.31	Selenium, AAS, Dry ash (mg / kg (ppm))	2161	0.18000	0.00000				1			0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	1.4300	0.46000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	1.6000	0.20000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	1.5037	0.49930				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	1.6350	0.13000				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	1.3400	0.04000	1.6253	0.24035	0.09148	4	-1.19	9%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	1.5400	0.10000	1.6253	0.24035	0.09148	4	-0.35	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.7211	0.06590	1.6253	0.24035	0.09148	4	0.40	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.9000	0.16000	1.6253	0.24035	0.09148	4	1.14	8%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	2055	1.4350	0.03000	1.7609	0.30074	0.06288	5	-1.00	10%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.5900	0.02000	1.7609	0.30074	0.06288	5	-0.55	5%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	1.6910	0.19400	1.7609	0.30074	0.06288	5	-0.25	2%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.8700	0.06000	1.7609	0.30074	0.06288	5	0.27	3%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.2187	0.01040	1.7609	0.30074	0.06288	5	1.28	12%	0
035.01	Sodium, Ion-selective electrode (%)	2006	0.54300	0.01400				2			0
035.01	Sodium, Ion-selective electrode (%)	0878	0.55100	0.00600				2			0
035.02	Sodium, Em Spect (%)	0884	0.60000	0.02000				1			0
035.05	Sodium, Flame Emission (%)	0037	0.55150	0.00500				3			0
035.05	Sodium, Flame Emission (%)	0504	0.65500	0.01000				3			0
035.05	Sodium, Flame Emission (%)	0108	0.69000	0.00000				3			0
035.31	Sodium, AAS, Dry ash (%)	0014	0.55700	0.02400	0.62968	0.03705	0.01112	18	-1.96	6%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.59000	0.02000	0.62968	0.03705	0.01112	18	-1.07	3%	0
035.31	Sodium, AAS, Dry ash (%)	0505	0.59500	0.01000	0.62968	0.03705	0.01112	18	-0.94	3%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.59690	0.00520	0.62968	0.03705	0.01112	18	-0.88	3%	0
035.31	Sodium, AAS, Dry ash (%)	0650	0.59700	0.02400	0.62968	0.03705	0.01112	18	-0.88	3%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0175	0.61500	0.01000	0.62968	0.03705	0.01112	18	-0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.61500	0.01000	0.62968	0.03705	0.01112	18	-0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.61750	0.00500	0.62968	0.03705	0.01112	18	-0.33	1%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.62000	0.00000	0.62968	0.03705	0.01112	18	-0.26	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.63300	0.01000	0.62968	0.03705	0.01112	18	0.09	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.64300	0.01200	0.62968	0.03705	0.01112	18	0.36	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.64325	0.01590	0.62968	0.03705	0.01112	18	0.37	1%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.64750	0.00300	0.62968	0.03705	0.01112	18	0.48	1%	0
035.31	Sodium, AAS, Dry ash (%)	0878	0.65500	0.01000	0.62968	0.03705	0.01112	18	0.68	2%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.65700	0.00400	0.62968	0.03705	0.01112	18	0.74	2%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.66450	0.01500	0.62968	0.03705	0.01112	18	0.94	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.69300	0.01200	0.62968	0.03705	0.01112	18	1.71	5%	0
035.31	Sodium, AAS, Dry ash (%)	2161	0.71500	0.01000	0.62968	0.03705	0.01112	18	2.30	7%	0
035.32	Sodium, AAS, Open vessel (%)	0609	0.32500	0.01000				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.64500	0.01000				3			0
035.32	Sodium, AAS, Open vessel (%)	0263	0.66860	0.00520				3			0
035.33	Sodium, AAS, Microwave (%)	0300	0.60500	0.05000				1			0
035.41	Sodium, ICP, Dry ash (%)	0298	0.58000	0.02000	0.65053	0.03808	0.01614	26	-1.85	5%	0
035.41	Sodium, ICP, Dry ash (%)	0964	0.59410	0.00220	0.65053	0.03808	0.01614	26	-1.48	4%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.60000	0.06000	0.65053	0.03808	0.01614	26	-1.33	4%	0
035.41	Sodium, ICP, Dry ash (%)	0955	0.61100	0.03000	0.65053	0.03808	0.01614	26	-1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.62000	0.04000	0.65053	0.03808	0.01614	26	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.62000	0.00000	0.65053	0.03808	0.01614	26	-0.80	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.62850	0.02500	0.65053	0.03808	0.01614	26	-0.58	2%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.63000	0.00600	0.65053	0.03808	0.01614	26	-0.54	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.63500	0.03000	0.65053	0.03808	0.01614	26	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.63500	0.01000	0.65053	0.03808	0.01614	26	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.64090	0.01140	0.65053	0.03808	0.01614	26	-0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.64250	0.00100	0.65053	0.03808	0.01614	26	-0.21	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.64500	0.01000	0.65053	0.03808	0.01614	26	-0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.65500	0.01000	0.65053	0.03808	0.01614	26	0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.66000	0.02000	0.65053	0.03808	0.01614	26	0.25	1%	0
035.41	Sodium, ICP, Dry ash (%)	0051	0.66165	0.00410	0.65053	0.03808	0.01614	26	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.66335	0.02590	0.65053	0.03808	0.01614	26	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.66900	0.02600	0.65053	0.03808	0.01614	26	0.49	1%	0
035.41	Sodium, ICP, Dry ash (%)	0089	0.67000	0.00000	0.65053	0.03808	0.01614	26	0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	2171	0.67400	0.00400	0.65053	0.03808	0.01614	26	0.62	2%	0
035.41	Sodium, ICP, Dry ash (%)	0720	0.67500	0.01000	0.65053	0.03808	0.01614	26	0.64	2%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.68000	0.00000	0.65053	0.03808	0.01614	26	0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.69000	0.04000	0.65053	0.03808	0.01614	26	1.04	3%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.70500	0.00400	0.65053	0.03808	0.01614	26	1.43	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0405	0.74500	0.01000	0.65053	0.03808	0.01614	26	2.48	7%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.76000	0.02000	0.65053	0.03808	0.01614	26	2.87	8%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.61730	0.09720	0.65053	0.03808	0.01614	26	-0.87	3%	1
035.42	Sodium, ICP, Open vessel (%)	0045	0.60650	0.00100	0.65198	0.03879	0.01151	15	-1.17	3%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.60875	0.00330	0.65198	0.03879	0.01151	15	-1.11	3%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.61000	0.00000	0.65198	0.03879	0.01151	15	-1.08	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.62450	0.03100	0.65198	0.03879	0.01151	15	-0.71	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.62850	0.01300	0.65198	0.03879	0.01151	15	-0.61	2%	0
035.42	Sodium, ICP, Open vessel (%)	0096	0.63815	0.04050	0.65198	0.03879	0.01151	15	-0.36	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.64500	0.00600	0.65198	0.03879	0.01151	15	-0.18	1%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.64800	0.00200	0.65198	0.03879	0.01151	15	-0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.65000	0.00000	0.65198	0.03879	0.01151	15	-0.05	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.66500	0.03000	0.65198	0.03879	0.01151	15	0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.67395	0.02130	0.65198	0.03879	0.01151	15	0.57	2%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.67500	0.01000	0.65198	0.03879	0.01151	15	0.59	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.68605	0.00030	0.65198	0.03879	0.01151	15	0.88	3%	0
035.42	Sodium, ICP, Open vessel (%)	0187	0.71625	0.00430	0.65198	0.03879	0.01151	15	1.66	5%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.76500	0.01000	0.65198	0.03879	0.01151	15	2.91	9%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.60500	0.07000	0.65198	0.03879	0.01151	15	-1.21	4%	1
035.43	Sodium, ICP, Microwave (%)	0675	0.51500	0.03000	0.63046	0.04303	0.01157	18	-2.68	9%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.57150	0.00500	0.63046	0.04303	0.01157	18	-1.37	5%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.59435	0.00130	0.63046	0.04303	0.01157	18	-0.84	3%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.60000	0.02000	0.63046	0.04303	0.01157	18	-0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.60000	0.00000	0.63046	0.04303	0.01157	18	-0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.60800	0.00400	0.63046	0.04303	0.01157	18	-0.52	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.60950	0.00700	0.63046	0.04303	0.01157	18	-0.49	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.62150	0.02100	0.63046	0.04303	0.01157	18	-0.21	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.62750	0.00500	0.63046	0.04303	0.01157	18	-0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.63350	0.02100	0.63046	0.04303	0.01157	18	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0010	0.63500	0.01000	0.63046	0.04303	0.01157	18	0.11	0%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.64500	0.01000	0.63046	0.04303	0.01157	18	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.65150	0.00300	0.63046	0.04303	0.01157	18	0.49	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.66000	0.02000	0.63046	0.04303	0.01157	18	0.69	2%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.66500	0.01000	0.63046	0.04303	0.01157	18	0.80	3%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.67000	0.02000	0.63046	0.04303	0.01157	18	0.92	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.71000	0.02000	0.63046	0.04303	0.01157	18	1.85	6%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.71050	0.00100	0.63046	0.04303	0.01157	18	1.86	6%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.73060	0.07460	0.63046	0.04303	0.01157	18	2.33	8%	1
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.63880	0.03780				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0096	0.64045	0.03150				3			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.76250	0.01300				3			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.59000	0.00000				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.68250	0.00100				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.72150	0.03500				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.22500	0.05000	0.52100	0.18369	0.02600	5	-1.61	28%	0
035.99	Sodium, Miscellaneous (%)	2105	0.46500	0.01000	0.52100	0.18369	0.02600	5	-0.30	5%	0
035.99	Sodium, Miscellaneous (%)	0242	0.60500	0.01000	0.52100	0.18369	0.02600	5	0.46	8%	0
035.99	Sodium, Miscellaneous (%)	0100	0.63000	0.02000	0.52100	0.18369	0.02600	5	0.59	10%	0
035.99	Sodium, Miscellaneous (%)	0590	0.68000	0.04000	0.52100	0.18369	0.02600	5	0.87	15%	0
036.04	Sulfur, LECO (%)	0229	0.66500	0.03000				2			0
036.04	Sulfur, LECO (%)	0098	0.72000	0.00000				2			0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.65000	0.02000	0.71228	0.05176	0.02321	17	-1.20	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.66900	0.00200	0.71228	0.05176	0.02321	17	-0.84	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.67310	0.00520	0.71228	0.05176	0.02321	17	-0.76	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.67500	0.03000	0.71228	0.05176	0.02321	17	-0.72	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.68015	0.01710	0.71228	0.05176	0.02321	17	-0.62	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.68200	0.00400	0.71228	0.05176	0.02321	17	-0.58	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.68300	0.00000	0.71228	0.05176	0.02321	17	-0.57	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.68750	0.05900	0.71228	0.05176	0.02321	17	-0.48	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.68890	0.02960	0.71228	0.05176	0.02321	17	-0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0187	0.70640	0.00200	0.71228	0.05176	0.02321	17	-0.11	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0096	0.71385	0.07570	0.71228	0.05176	0.02321	17	0.03	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.73000	0.02000	0.71228	0.05176	0.02321	17	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.75000	0.00000	0.71228	0.05176	0.02321	17	0.73	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.76000	0.04000	0.71228	0.05176	0.02321	17	0.92	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.78000	0.04000	0.71228	0.05176	0.02321	17	1.31	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.79500	0.05000	0.71228	0.05176	0.02321	17	1.60	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.88000	0.00000	0.71228	0.05176	0.02321	17	3.24	12%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.60500	0.01000	0.68558	0.04079	0.01613	12	-1.98	6%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.63950	0.01100	0.68558	0.04079	0.01613	12	-1.13	3%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.64750	0.00500	0.68558	0.04079	0.01613	12	-0.93	3%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.65350	0.00500	0.68558	0.04079	0.01613	12	-0.79	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.68500	0.01000	0.68558	0.04079	0.01613	12	-0.01	0%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.69000	0.00000	0.68558	0.04079	0.01613	12	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.69000	0.02000	0.68558	0.04079	0.01613	12	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.71450	0.03700	0.68558	0.04079	0.01613	12	0.71	2%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.71500	0.00600	0.68558	0.04079	0.01613	12	0.72	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.71915	0.02050	0.68558	0.04079	0.01613	12	0.82	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.72000	0.02000	0.68558	0.04079	0.01613	12	0.84	3%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.72840	0.04900	0.68558	0.04079	0.01613	12	1.05	3%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.82300	0.00200				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.72850	0.04900				1			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.99	Sulfur, Miscellaneous (%)	0242	0.71000	0.02000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.81750	0.00300				2			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	102.00	24.000	116.67	12.125	5.7930	15	-1.21	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	102.32	0.00000	116.67	12.125	5.7930	15	-1.18	6%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	105.76	5.9600	116.67	12.125	5.7930	15	-0.90	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2161	108.55	18.100	116.67	12.125	5.7930	15	-0.67	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	110.03	0.15000	116.67	12.125	5.7930	15	-0.55	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0878	112.00	2.0000	116.67	12.125	5.7930	15	-0.39	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0001	112.85	6.5000	116.67	12.125	5.7930	15	-0.32	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	113.00	0.00000	116.67	12.125	5.7930	15	-0.30	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	117.50	5.0000	116.67	12.125	5.7930	15	0.07	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	118.00	2.0000	116.67	12.125	5.7930	15	0.11	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	125.52	0.04000	116.67	12.125	5.7930	15	0.73	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	127.55	2.5000	116.67	12.125	5.7930	15	0.90	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	127.62	2.6600	116.67	12.125	5.7930	15	0.90	5%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	132.50	5.0000	116.67	12.125	5.7930	15	1.31	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	156.02	12.986	116.67	12.125	5.7930	15	3.25	17%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	121.65	6.9000				2			0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	134.00	4.0000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0010	120.00	0.00000				2			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	123.97	1.6090				2			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	95.590	0.90000	112.09	12.322	4.0118	22	-1.34	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0720	96.910	2.2200	112.09	12.322	4.0118	22	-1.23	7%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	98.550	6.9000	112.09	12.322	4.0118	22	-1.10	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	102.69	0.83000	112.09	12.322	4.0118	22	-0.76	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	104.00	10.000	112.09	12.322	4.0118	22	-0.66	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	104.25	0.50000	112.09	12.322	4.0118	22	-0.64	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	105.00	6.0000	112.09	12.322	4.0118	22	-0.58	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	106.00	2.0000	112.09	12.322	4.0118	22	-0.49	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	108.58	1.3900	112.09	12.322	4.0118	22	-0.29	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	109.50	5.0000	112.09	12.322	4.0118	22	-0.21	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	110.15	0.30000	112.09	12.322	4.0118	22	-0.16	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0051	111.39	7.0600	112.09	12.322	4.0118	22	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	111.50	1.0000	112.09	12.322	4.0118	22	-0.05	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	112.08	2.6686	112.09	12.322	4.0118	22	0.00	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0964	113.06	0.00000	112.09	12.322	4.0118	22	0.08	0%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	113.65	0.70000	112.09	12.322	4.0118	22	0.13	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	119.70	1.8000	112.09	12.322	4.0118	22	0.62	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	125.40	0.60000	112.09	12.322	4.0118	22	1.08	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	126.35	12.700	112.09	12.322	4.0118	22	1.16	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	131.74	6.0900	112.09	12.322	4.0118	22	1.59	9%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	133.90	1.6000	112.09	12.322	4.0118	22	1.77	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	134.00	18.000	112.09	12.322	4.0118	22	1.78	10%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	148.50	41.000	112.09	12.322	4.0118	22	2.95	16%	1
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	98.850	4.3000	117.88	10.750	5.3978	18	-1.77	8%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	105.50	13.000	117.88	10.750	5.3978	18	-1.15	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	108.25	2.9000	117.88	10.750	5.3978	18	-0.90	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	109.00	2.0000	117.88	10.750	5.3978	18	-0.83	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	111.60	1.4000	117.88	10.750	5.3978	18	-0.58	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0096	111.89	9.2561	117.88	10.750	5.3978	18	-0.56	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	113.00	2.0000	117.88	10.750	5.3978	18	-0.45	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	116.00	0.00000	117.88	10.750	5.3978	18	-0.18	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	117.05	1.9556	117.88	10.750	5.3978	18	-0.08	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	118.00	8.0000	117.88	10.750	5.3978	18	0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0187	118.05	0.11000	117.88	10.750	5.3978	18	0.01	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	118.30	13.600	117.88	10.750	5.3978	18	0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	123.08	1.9590	117.88	10.750	5.3978	18	0.48	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	125.45	0.70000	117.88	10.750	5.3978	18	0.70	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	125.90	3.4000	117.88	10.750	5.3978	18	0.75	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0294	132.09	3.5800	117.88	10.750	5.3978	18	1.32	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	133.00	8.0000	117.88	10.750	5.3978	18	1.41	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	154.50	21.000	117.88	10.750	5.3978	18	3.41	16%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0668	100.40	1.2000	115.46	7.6033	2.5728	23	-1.98	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	106.50	1.0000	115.46	7.6033	2.5728	23	-1.18	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	107.94	8.6500	115.46	7.6033	2.5728	23	-0.99	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	108.37	1.1590	115.46	7.6033	2.5728	23	-0.93	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0425	108.60	2.8000	115.46	7.6033	2.5728	23	-0.90	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	108.80	0.60000	115.46	7.6033	2.5728	23	-0.88	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	111.50	1.0000	115.46	7.6033	2.5728	23	-0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0875	111.50	1.0000	115.46	7.6033	2.5728	23	-0.52	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	113.39	4.1100	115.46	7.6033	2.5728	23	-0.27	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	113.76	0.00000	115.46	7.6033	2.5728	23	-0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	114.00	6.0000	115.46	7.6033	2.5728	23	-0.19	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	115.00	2.0000	115.46	7.6033	2.5728	23	-0.06	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	115.50	5.0000	115.46	7.6033	2.5728	23	0.01	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	116.00	0.00000	115.46	7.6033	2.5728	23	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	116.00	0.00000	115.46	7.6033	2.5728	23	0.07	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0043	118.50	9.0000	115.46	7.6033	2.5728	23	0.40	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	119.00	0.00000	115.46	7.6033	2.5728	23	0.47	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	121.20	5.4000	115.46	7.6033	2.5728	23	0.76	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	122.48	0.40000	115.46	7.6033	2.5728	23	0.92	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	125.10	1.8560	115.46	7.6033	2.5728	23	1.27	4%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0028	125.50	5.0000	115.46	7.6033	2.5728	23	1.32	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	126.00	2.0000	115.46	7.6033	2.5728	23	1.39	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	136.50	1.0000	115.46	7.6033	2.5728	23	2.77	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	114.61	15.413	115.46	7.6033	2.5728	23	-0.11	0%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	102.35	5.3000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	130.32	3.3600				2			0
037.51	Zinc, ICP-MS, Dry ash (mg / kg (ppm))	2146	81.500	1.4000				1			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	77.120	2.0400				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0096	115.56	4.3187				3			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	116.00	8.0000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0199	102.91	1.2600				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	117.00	4.0000				3			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	135.50	9.0000				3			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0889	103.50	9.0000	124.10	16.998	7.4000	5	-1.21	8%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	116.00	4.0000	124.10	16.998	7.4000	5	-0.48	3%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	123.00	2.0000	124.10	16.998	7.4000	5	-0.06	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	128.50	13.000	124.10	16.998	7.4000	5	0.26	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	149.50	9.0000	124.10	16.998	7.4000	5	1.49	10%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0171	0.07000	0.02000				1			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	0.32000	0.20000				2			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	0.63000	0.06000				2			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	0.20000	0.00000				2			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	0.93000	0.00000				2			0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	0.00000	0.00000				2			4
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	0.00000	0.00000				2			4
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0096	0.16275	0.00070				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppr	0186	0.24150	0.01100				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	0.10800	0.04600				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	0.16450	0.00300				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	0.18000	0.00600				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	7.0050	0.75000				1			0
040.52	Barium, ICP-MS, Open vessel (mg / kg (ppm))	0096	6.8665	0.64260				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	6.7546	0.41000				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	2.1600	0.18000				1			0
042.00	Chloride, Titrimetric (%)	0297	0.58000	0.00000				2			0
042.00	Chloride, Titrimetric (%)	0948	0.59000	0.02000				2			0
042.02	Chloride, Ion Chromatography (%)	0413	0.48000	0.02000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	2,151.6	200.57				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,165.0	90.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	553.00	14.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	365.00	5.4000				1			0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	63.250	0.30000				1			0
102.02	Niacin, LC (mg / kg (ppm))	2161	11.000	0.20000				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	6.2050	0.21000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	25.370	0.00000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	4.5600	0.04000				1			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	2.0050	0.51000				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	0.18750	0.15900				1			0
106.01	Vitamin A, UV (KU / kg)	0098	26.100	2.8000				1			0
106.02	Vitamin A, LC (KU / kg)	0227	14.300	0.00000	18.246	3.7496	0.49800	5	-1.05	11%	0
106.02	Vitamin A, LC (KU / kg)	2004	15.800	0.40000	18.246	3.7496	0.49800	5	-0.65	7%	0
106.02	Vitamin A, LC (KU / kg)	0199	21.135	0.17000	18.246	3.7496	0.49800	5	0.77	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	21.750	0.30000	18.246	3.7496	0.49800	5	0.93	10%	0
106.02	Vitamin A, LC (KU / kg)	0148	27.340	1.6200	18.246	3.7496	0.49800	5	2.43	25%	0
106.02	Vitamin A, LC (KU / kg)	2171	358.42	21.720	18.246	3.7496	0.49800	5	90.72	932%	1
106.02	Vitamin A, LC (KU / kg)	0169	0.00000	0.00000	18.246	3.7496	0.49800	5			4
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	137.00	12.000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	0.00000	0.00000				0			4
109.02	Vitamin E, LC (IU/kg)	0199	7.8650	0.21000				3			0
109.02	Vitamin E, LC (IU/kg)	0148	12.385	0.87000				3			0
109.02	Vitamin E, LC (IU/kg)	0227	20.700	1.8000				3			0
109.02	Vitamin E, LC (IU/kg)	0098	0.00000	0.00000				3			4
109.02	Vitamin E, LC (IU/kg)	0169	0.00000	0.00000				3			4
111.01	Vitamin C, Ascorbic Acid, LC (mkg/kg (ppm))	2145	2,671.5	47.000				1			0
112.01	Pyridoxine, LC (µg / g)	0227	1.4050	0.13000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.2650	0.27000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.26550	0.00100				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	3.9650	0.09800	4.1564	0.13439	0.04418	17	-1.42	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	4.0100	0.02000	4.1564	0.13439	0.04418	17	-1.09	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	4.0150	0.01000	4.1564	0.13439	0.04418	17	-1.05	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	4.0350	0.01000	4.1564	0.13439	0.04418	17	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	4.0500	0.04000	4.1564	0.13439	0.04418	17	-0.79	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	4.0800	0.06000	4.1564	0.13439	0.04418	17	-0.57	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	4.1480	0.00200	4.1564	0.13439	0.04418	17	-0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	4.1650	0.02000	4.1564	0.13439	0.04418	17	0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	4.1670	0.04600	4.1564	0.13439	0.04418	17	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	4.1800	0.04000	4.1564	0.13439	0.04418	17	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	4.1800	0.02200	4.1564	0.13439	0.04418	17	0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	4.1850	0.17000	4.1564	0.13439	0.04418	17	0.21	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	4.2240	0.01000	4.1564	0.13439	0.04418	17	0.50	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	4.2440	0.05800	4.1564	0.13439	0.04418	17	0.65	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	4.2945	0.02500	4.1564	0.13439	0.04418	17	1.03	2%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
120.00	Alanine, Post-col Ninhydrin Der (%)	0848	4.4550	0.09000	4.1564	0.13439	0.04418	17	2.22	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	4.5350	0.03000	4.1564	0.13439	0.04418	17	2.82	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	3.4819	2.7652	4.1564	0.13439	0.04418	17	-5.02	8%	1
120.01	Alanine, Pre-col OPA Der (%)	2004	4.1000	0.08000				1			0
120.02	Alanine, Post-col OPA Der (%)	0098	4.2700	0.00400				1			0
120.05	Alanine, Pre-col AQC Der (%)	0626	3.5720	0.04000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0610	4.0400	0.06000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	4.2830	0.00600				3			0
120.99	Alanine, Miscellaneous (%)	2161	2.7160	0.10600				2			0
120.99	Alanine, Miscellaneous (%)	0160	3.9513	0.25450				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	3.5250	0.03000	3.8231	0.19754	0.04346	19	-1.51	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	3.5700	0.02000	3.8231	0.19754	0.04346	19	-1.28	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	3.6005	0.06300	3.8231	0.19754	0.04346	19	-1.13	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	3.6250	0.01000	3.8231	0.19754	0.04346	19	-1.00	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	3.7050	0.09000	3.8231	0.19754	0.04346	19	-0.60	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	3.7435	0.00500	3.8231	0.19754	0.04346	19	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	3.7550	0.01000	3.8231	0.19754	0.04346	19	-0.34	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	3.7595	0.02500	3.8231	0.19754	0.04346	19	-0.32	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	3.8405	0.02300	3.8231	0.19754	0.04346	19	0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	3.8460	0.02480	3.8231	0.19754	0.04346	19	0.12	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	3.8535	0.03100	3.8231	0.19754	0.04346	19	0.15	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	3.8600	0.16000	3.8231	0.19754	0.04346	19	0.19	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	3.8740	0.04800	3.8231	0.19754	0.04346	19	0.26	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	3.9130	0.02000	3.8231	0.19754	0.04346	19	0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	3.9160	0.00600	3.8231	0.19754	0.04346	19	0.47	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	3.9300	0.02000	3.8231	0.19754	0.04346	19	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	4.0822	0.11000	3.8231	0.19754	0.04346	19	1.31	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0848	4.1850	0.13000	3.8231	0.19754	0.04346	19	1.83	5%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	4.3800	0.00000	3.8231	0.19754	0.04346	19	2.82	7%	0
121.01	Arginine, Pre-col OPA Der (%)	2004	3.8500	0.06000				1			0
121.02	Arginine, Post-col OPA Der (%)	0098	3.8160	0.05200				1			0
121.05	Arginine, Pre-col AQC Der (%)	0626	3.5685	0.03700				3			0
121.05	Arginine, Pre-col AQC Der (%)	0610	4.0000	0.20000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	4.0985	0.16700				3			0
121.99	Arginine, Miscellaneous (%)	2161	1.8550	0.19200				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	4.8400	0.08000	5.1432	0.21036	0.05688	17	-1.44	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	4.8700	0.00000	5.1432	0.21036	0.05688	17	-1.30	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	4.9650	0.03000	5.1432	0.21036	0.05688	17	-0.85	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	4.9835	0.04500	5.1432	0.21036	0.05688	17	-0.76	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	5.0410	0.01000	5.1432	0.21036	0.05688	17	-0.49	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	5.0835	0.03500	5.1432	0.21036	0.05688	17	-0.28	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	5.0880	0.04400	5.1432	0.21036	0.05688	17	-0.26	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	5.1095	0.01700	5.1432	0.21036	0.05688	17	-0.16	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	5.1480	0.00000	5.1432	0.21036	0.05688	17	0.02	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	5.1650	0.07000	5.1432	0.21036	0.05688	17	0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	5.1790	0.03200	5.1432	0.21036	0.05688	17	0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	5.1950	0.01000	5.1432	0.21036	0.05688	17	0.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	5.1950	0.15000	5.1432	0.21036	0.05688	17	0.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	5.1955	0.02700	5.1432	0.21036	0.05688	17	0.25	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0848	5.4950	0.19000	5.1432	0.21036	0.05688	17	1.67	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	5.5974	0.19690	5.1432	0.21036	0.05688	17	2.16	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	5.9450	0.03000	5.1432	0.21036	0.05688	17	3.81	8%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	5.0750	0.37000	5.1432	0.21036	0.05688	17	-0.32	1%	1
122.01	Aspartic, Pre-col OPA Der (%)	2004	4.8500	0.20000				1			0
122.02	Aspartic, Post-col OPA Der (%)	0098	5.2700	0.26800				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0626	4.7075	0.05100				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0610	5.3050	0.21000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	5.5090	0.10800				3			0
122.99	Aspartic, Miscellaneous (%)	2161	2.2915	0.12100				2			0
122.99	Aspartic, Miscellaneous (%)	0160	4.9268	0.39700				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.33505	0.02030	0.40263	0.04539	0.00763	18	-1.49	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.35160	0.00900	0.40263	0.04539	0.00763	18	-1.12	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0619	0.36300	0.00000	0.40263	0.04539	0.00763	18	-0.87	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.37000	0.00000	0.40263	0.04539	0.00763	18	-0.72	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0848	0.37000	0.02000	0.40263	0.04539	0.00763	18	-0.72	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.37500	0.01000	0.40263	0.04539	0.00763	18	-0.61	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.37850	0.01100	0.40263	0.04539	0.00763	18	-0.53	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.38350	0.00700	0.40263	0.04539	0.00763	18	-0.42	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0859	0.38500	0.00600	0.40263	0.04539	0.00763	18	-0.39	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.41000	0.00000	0.40263	0.04539	0.00763	18	0.16	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.41500	0.00400	0.40263	0.04539	0.00763	18	0.27	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.42400	0.00200	0.40263	0.04539	0.00763	18	0.47	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0684	0.42700	0.01000	0.40263	0.04539	0.00763	18	0.54	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2059	0.43450	0.00700	0.40263	0.04539	0.00763	18	0.70	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0354	0.43850	0.00900	0.40263	0.04539	0.00763	18	0.79	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0171	0.45500	0.01000	0.40263	0.04539	0.00763	18	1.15	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.46100	0.00200	0.40263	0.04539	0.00763	18	1.29	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.50500	0.01000	0.40263	0.04539	0.00763	18	2.26	13%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.43000	0.04000	0.40263	0.04539	0.00763	18	0.60	3%	1
124.01	Cysteine/Cystine, PAO Pre-col OPA Der (%)	2004	0.43100	0.03800				1			0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.42150	0.00700				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.44800	0.02800				2			0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.50500	0.03000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0160	0.43520	0.04560				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2145	1.3250	0.01000				3			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	1.8350	0.05000				3			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	7.1050	0.01000	7.5684	0.28141	0.08687	18	-1.65	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	7.2450	0.03000	7.5684	0.28141	0.08687	18	-1.15	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	7.3450	0.39000	7.5684	0.28141	0.08687	18	-0.79	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	7.3830	0.00600	7.5684	0.28141	0.08687	18	-0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	7.3915	0.04100	7.5684	0.28141	0.08687	18	-0.63	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	7.3980	0.18000	7.5684	0.28141	0.08687	18	-0.61	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	7.4345	0.04300	7.5684	0.28141	0.08687	18	-0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	7.4390	0.03800	7.5684	0.28141	0.08687	18	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	7.4855	0.00100	7.5684	0.28141	0.08687	18	-0.29	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	7.5550	0.05000	7.5684	0.28141	0.08687	18	-0.05	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	7.6400	0.02000	7.5684	0.28141	0.08687	18	0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	7.6485	0.05500	7.5684	0.28141	0.08687	18	0.28	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	7.7035	0.02500	7.5684	0.28141	0.08687	18	0.48	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	7.7200	0.22000	7.5684	0.28141	0.08687	18	0.54	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	7.8300	0.02000	7.5684	0.28141	0.08687	18	0.93	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	7.8850	0.07000	7.5684	0.28141	0.08687	18	1.13	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0848	8.1250	0.29000	7.5684	0.28141	0.08687	18	1.98	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	8.1765	0.07470	7.5684	0.28141	0.08687	18	2.16	4%	0
125.01	Glutamic, Pre-col OPA Der (%)	2004	7.0700	0.34000				1			0
125.02	Glutamic, Post-col OPA Der (%)	0098	7.7450	0.21600				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0626	7.0175	0.08100				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0610	7.7700	0.28000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	8.0835	0.26700				3			0
125.99	Glutamic, Miscellaneous (%)	2161	3.0715	0.18900				2			0
125.99	Glutamic, Miscellaneous (%)	0160	7.3391	0.50330				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	5.5350	0.01000	6.1250	0.27095	0.06529	17	-2.18	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	5.6150	0.05000	6.1250	0.27095	0.06529	17	-1.88	4%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	5.7250	0.02800	6.1250	0.27095	0.06529	17	-1.48	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	5.9300	0.14000	6.1250	0.27095	0.06529	17	-0.72	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	6.0350	0.01000	6.1250	0.27095	0.06529	17	-0.33	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	6.0400	0.16000	6.1250	0.27095	0.06529	17	-0.31	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	6.1460	0.05000	6.1250	0.27095	0.06529	17	0.08	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	6.1500	0.10000	6.1250	0.27095	0.06529	17	0.09	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	6.1730	0.00800	6.1250	0.27095	0.06529	17	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	6.1800	0.18000	6.1250	0.27095	0.06529	17	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	6.1875	0.03500	6.1250	0.27095	0.06529	17	0.23	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	6.2050	0.06200	6.1250	0.27095	0.06529	17	0.30	1%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	6.2900	0.10000	6.1250	0.27095	0.06529	17	0.61	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	6.3480	0.04400	6.1250	0.27095	0.06529	17	0.82	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	6.3920	0.02400	6.1250	0.27095	0.06529	17	0.99	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0848	6.4100	0.04000	6.1250	0.27095	0.06529	17	1.05	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	6.4765	0.06900	6.1250	0.27095	0.06529	17	1.30	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	7.4668	0.43330	6.1250	0.27095	0.06529	17	4.95	11%	1
126.01	Glycine, Pre-col OPA Der (%)	2004	6.1500	0.06000				1			0
126.02	Glycine, Post-col OPA Der (%)	0098	6.2860	0.29400				1			0
126.05	Glycine, Pre-col AQC Der (%)	0626	5.8905	0.07700				3			0
126.05	Glycine, Pre-col AQC Der (%)	0610	6.3550	0.15000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	6.5335	0.32300				3			0
126.99	Glycine, Miscellaneous (%)	2161	3.3415	0.05900				2			0
126.99	Glycine, Miscellaneous (%)	0160	5.7598	0.27860				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	1.0200	0.00000	1.1840	0.07165	0.01453	18	-2.29	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	1.0375	0.02900	1.1840	0.07165	0.01453	18	-2.05	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	1.1350	0.01000	1.1840	0.07165	0.01453	18	-0.68	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	1.1365	0.01700	1.1840	0.07165	0.01453	18	-0.66	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	1.1390	0.01000	1.1840	0.07165	0.01453	18	-0.63	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	1.1450	0.05000	1.1840	0.07165	0.01453	18	-0.54	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	1.1700	0.00400	1.1840	0.07165	0.01453	18	-0.20	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	1.1750	0.01000	1.1840	0.07165	0.01453	18	-0.13	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	1.1775	0.00500	1.1840	0.07165	0.01453	18	-0.09	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	1.1850	0.00600	1.1840	0.07165	0.01453	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	1.1850	0.05000	1.1840	0.07165	0.01453	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	1.1850	0.01000	1.1840	0.07165	0.01453	18	0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	1.2000	0.00000	1.1840	0.07165	0.01453	18	0.22	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	1.2310	0.00200	1.1840	0.07165	0.01453	18	0.66	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	1.2440	0.01000	1.1840	0.07165	0.01453	18	0.84	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0848	1.2700	0.04000	1.1840	0.07165	0.01453	18	1.20	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	1.2900	0.00000	1.1840	0.07165	0.01453	18	1.48	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	1.4167	0.00850	1.1840	0.07165	0.01453	18	3.25	10%	0
127.01	Histidine, Pre-col OPA Der (%)	2004	1.0250	0.03000				1			0
127.02	Histidine, Post-col OPA Der (%)	0098	1.1385	0.00500				1			0
127.05	Histidine, Pre-col AQC Der (%)	0626	1.1065	0.01100				3			0
127.05	Histidine, Pre-col AQC Der (%)	0610	1.2150	0.05000				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	1.2540	0.00000				3			0
127.99	Histidine, Miscellaneous (%)	2161	0.53750	0.22300				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.9300	0.02000	2.1460	0.11188	0.04926	18	-1.93	5%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	1.9785	0.01700	2.1460	0.11188	0.04926	18	-1.50	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	2.0250	0.01000	2.1460	0.11188	0.04926	18	-1.08	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	2.0350	0.01000	2.1460	0.11188	0.04926	18	-0.99	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0848	2.0950	0.17000	2.1460	0.11188	0.04926	18	-0.46	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	2.1045	0.03700	2.1460	0.11188	0.04926	18	-0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	2.1260	0.00200	2.1460	0.11188	0.04926	18	-0.18	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	2.1400	0.06000	2.1460	0.11188	0.04926	18	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	2.1405	0.12210	2.1460	0.11188	0.04926	18	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	2.1600	0.10000	2.1460	0.11188	0.04926	18	0.12	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	2.1805	0.02100	2.1460	0.11188	0.04926	18	0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	2.1863	0.02060	2.1460	0.11188	0.04926	18	0.36	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	2.2010	0.05000	2.1460	0.11188	0.04926	18	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	2.2045	0.02700	2.1460	0.11188	0.04926	18	0.52	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	2.2060	0.01000	2.1460	0.11188	0.04926	18	0.54	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	2.2400	0.02000	2.1460	0.11188	0.04926	18	0.84	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	2.3350	0.17000	2.1460	0.11188	0.04926	18	1.69	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	2.4000	0.02000	2.1460	0.11188	0.04926	18	2.27	6%	0
128.01	Isoleucine, Pre-col OPA Der (%)	2004	2.1100	0.14000				1			0
128.02	Isoleucine, Post-col OPA Der (%)	0098	2.2285	0.00700				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	2.0525	0.00500				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	2.2585	0.25700				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	2.2850	0.07000				3			0
128.99	Isoleucine, Miscellaneous (%)	2161	0.67250	0.05300				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	3.5050	0.01000	3.7958	0.18489	0.06031	18	-1.57	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	3.5600	0.02000	3.7958	0.18489	0.06031	18	-1.28	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	3.6550	0.01000	3.7958	0.18489	0.06031	18	-0.76	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	3.6835	0.00300	3.7958	0.18489	0.06031	18	-0.61	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	3.6950	0.01800	3.7958	0.18489	0.06031	18	-0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	3.7280	0.02600	3.7958	0.18489	0.06031	18	-0.37	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	3.7350	0.05000	3.7958	0.18489	0.06031	18	-0.33	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	3.7470	0.02200	3.7958	0.18489	0.06031	18	-0.26	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	3.7500	0.18000	3.7958	0.18489	0.06031	18	-0.25	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	3.7880	0.04000	3.7958	0.18489	0.06031	18	-0.04	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	3.8000	0.02000	3.7958	0.18489	0.06031	18	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	3.8100	0.22000	3.7958	0.18489	0.06031	18	0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	3.8180	0.03000	3.7958	0.18489	0.06031	18	0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	3.8480	0.02600	3.7958	0.18489	0.06031	18	0.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	3.9685	0.11500	3.7958	0.18489	0.06031	18	0.93	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	4.0750	0.09550	3.7958	0.18489	0.06031	18	1.51	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	4.1700	0.00000	3.7958	0.18489	0.06031	18	2.02	5%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0848	4.2500	0.20000	3.7958	0.18489	0.06031	18	2.46	6%	0
129.01	Leucine, Pre-col OPA Der (%)	2004	3.5550	0.21000				1			0
129.02	Leucine, Post-col OPA Der (%)	0098	3.7740	0.04800				1			0
129.05	Leucine, Pre-col AQC Der (%)	0626	3.5410	0.00400				3			0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.05	Leucine, Pre-col AQC Der (%)	0610	4.0150	0.07000							0
129.05	Leucine, Pre-col AQC Der (%)	0676	4.0475	0.26500							0
129.99	Leucine, Miscellaneous (%)	2161	1.8625	0.23700							0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	3.7900	0.00000	4.0642	0.20673	0.05673	18	-1.33	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	3.8300	0.02000	4.0642	0.20673	0.05673	18	-1.13	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	3.8750	0.01000	4.0642	0.20673	0.05673	18	-0.92	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	3.8770	0.07400	4.0642	0.20673	0.05673	18	-0.91	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	3.9450	0.01800	4.0642	0.20673	0.05673	18	-0.58	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	3.9795	0.00500	4.0642	0.20673	0.05673	18	-0.41	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	4.0100	0.00000	4.0642	0.20673	0.05673	18	-0.26	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	4.0165	0.03300	4.0642	0.20673	0.05673	18	-0.23	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	4.0200	0.18000	4.0642	0.20673	0.05673	18	-0.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	4.0355	0.02100	4.0642	0.20673	0.05673	18	-0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	4.0400	0.02400	4.0642	0.20673	0.05673	18	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	4.0530	0.00200	4.0642	0.20673	0.05673	18	-0.05	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	4.1150	0.09000	4.0642	0.20673	0.05673	18	0.25	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	4.1955	0.02300	4.0642	0.20673	0.05673	18	0.64	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	4.3150	0.21000	4.0642	0.20673	0.05673	18	1.21	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	4.3200	0.22000	4.0642	0.20673	0.05673	18	1.24	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	4.3638	0.08110	4.0642	0.20673	0.05673	18	1.45	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	4.5750	0.01000	4.0642	0.20673	0.05673	18	2.47	6%	0
130.01	L-Lysine, Pre-col OPA Der (%)	2004	3.7200	0.22000				1			0
130.02	L-Lysine, Post-col OPA Der (%)	0098	4.2870	0.01000				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	3.7755	0.04900	4.2111	0.30323	0.16820	5	-1.44	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	4.1450	0.17000	4.2111	0.30323	0.16820	5	-0.22	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	4.1550	0.07000	4.2111	0.30323	0.16820	5	-0.19	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	4.4035	0.35700	4.2111	0.30323	0.16820	5	0.63	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0027	4.5765	0.19500	4.2111	0.30323	0.16820	5	1.21	4%	0
130.99	L-Lysine, Miscellaneous (%)	2161	2.4200	0.20400	3.9250	1.0863	0.07600	4	-1.39	19%	0
130.99	L-Lysine, Miscellaneous (%)	2053	3.8550	0.01000	3.9250	1.0863	0.07600	4	-0.06	1%	0
130.99	L-Lysine, Miscellaneous (%)	2145	4.5900	0.08000	3.9250	1.0863	0.07600	4	0.61	8%	0
130.99	L-Lysine, Miscellaneous (%)	2144	4.8350	0.01000	3.9250	1.0863	0.07600	4	0.84	12%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0848	1.2650	0.03000	1.4716	0.08152	0.03174	18	-2.53	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	1.2800	0.04000	1.4716	0.08152	0.03174	18	-2.35	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	1.3450	0.01000	1.4716	0.08152	0.03174	18	-1.55	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	1.3705	0.02900	1.4716	0.08152	0.03174	18	-1.24	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	1.4600	0.10000	1.4716	0.08152	0.03174	18	-0.14	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	1.4640	0.01400	1.4716	0.08152	0.03174	18	-0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	1.4656	0.12940	1.4716	0.08152	0.03174	18	-0.07	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	1.4800	0.02000	1.4716	0.08152	0.03174	18	0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	1.4800	0.04000	1.4716	0.08152	0.03174	18	0.10	0%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	1.4895	0.02500	1.4716	0.08152	0.03174	18	0.22	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	1.4920	0.01400	1.4716	0.08152	0.03174	18	0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	1.5030	0.00200	1.4716	0.08152	0.03174	18	0.39	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	1.5050	0.00400	1.4716	0.08152	0.03174	18	0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	1.5090	0.00400	1.4716	0.08152	0.03174	18	0.46	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	1.5550	0.01200	1.4716	0.08152	0.03174	18	1.02	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	1.5550	0.01000	1.4716	0.08152	0.03174	18	1.02	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	1.5550	0.07000	1.4716	0.08152	0.03174	18	1.02	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	1.5570	0.01800	1.4716	0.08152	0.03174	18	1.05	3%	0
131.01	Methionine, PAO Pre-col OPA Der (%)	2004	1.4900	0.02000				1			0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	1.4355	0.01900				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0014	1.4900	0.04000	1.6105	0.10549	0.02540	5	-1.14	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	1.5740	0.01000	1.6105	0.10549	0.02540	5	-0.35	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	1.5800	0.00000	1.6105	0.10549	0.02540	5	-0.29	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	1.6330	0.05000	1.6105	0.10549	0.02540	5	0.21	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0027	1.7755	0.02700	1.6105	0.10549	0.02540	5	1.56	5%	0
131.99	Methionine, Miscellaneous (%)	2161	0.66500	0.07200	1.7175	0.91329	0.05550	4	-1.15	31%	0
131.99	Methionine, Miscellaneous (%)	2053	1.3750	0.11000	1.7175	0.91329	0.05550	4	-0.38	10%	0
131.99	Methionine, Miscellaneous (%)	2145	2.0250	0.03000	1.7175	0.91329	0.05550	4	0.34	9%	0
131.99	Methionine, Miscellaneous (%)	2144	2.8050	0.01000	1.7175	0.91329	0.05550	4	1.19	32%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	1.9350	0.01000	2.1537	0.10562	0.02859	17	-2.07	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	1.9550	0.01000	2.1537	0.10562	0.02859	17	-1.88	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	2.0440	0.06200	2.1537	0.10562	0.02859	17	-1.04	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	2.0850	0.01000	2.1537	0.10562	0.02859	17	-0.65	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	2.0960	0.01000	2.1537	0.10562	0.02859	17	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	2.1280	0.00400	2.1537	0.10562	0.02859	17	-0.24	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	2.1300	0.12000	2.1537	0.10562	0.02859	17	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	2.1350	0.03000	2.1537	0.10562	0.02859	17	-0.18	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	2.1500	0.02000	2.1537	0.10562	0.02859	17	-0.03	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	2.1612	0.02310	2.1537	0.10562	0.02859	17	0.07	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	2.1920	0.03000	2.1537	0.10562	0.02859	17	0.36	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	2.2005	0.02100	2.1537	0.10562	0.02859	17	0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	2.2225	0.00500	2.1537	0.10562	0.02859	17	0.65	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	2.2280	0.00200	2.1537	0.10562	0.02859	17	0.70	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	2.2425	0.03900	2.1537	0.10562	0.02859	17	0.84	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0848	2.2950	0.09000	2.1537	0.10562	0.02859	17	1.34	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	2.4200	0.00000	2.1537	0.10562	0.02859	17	2.52	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	2.2150	0.23000	2.1537	0.10562	0.02859	17	0.58	1%	1
132.01	Phenylalanine, Pre-col OPA Der (%)	2004	2.0300	0.06000				1			0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	2.1060	0.02400				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	2.0045	0.00500				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			
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	2.2500	0.06000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	2.2905	0.12100				3			0
132.99	Phenylalanine, Miscellaneous (%)	2161	0.95600	0.16800				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0848	3.0650	0.03000	3.5437	0.22805	0.07690	18	-2.10	7%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	3.2100	0.00000	3.5437	0.22805	0.07690	18	-1.46	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	3.2950	0.17000	3.5437	0.22805	0.07690	18	-1.09	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	3.3650	0.19000	3.5437	0.22805	0.07690	18	-0.78	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	3.3990	0.02400	3.5437	0.22805	0.07690	18	-0.63	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	3.4065	0.03300	3.5437	0.22805	0.07690	18	-0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	3.4950	0.23000	3.5437	0.22805	0.07690	18	-0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	3.4985	0.09700	3.5437	0.22805	0.07690	18	-0.20	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	3.5160	0.01400	3.5437	0.22805	0.07690	18	-0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	3.6050	0.03000	3.5437	0.22805	0.07690	18	0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	3.6100	0.06000	3.5437	0.22805	0.07690	18	0.29	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	3.6400	0.06000	3.5437	0.22805	0.07690	18	0.42	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	3.6920	0.07600	3.5437	0.22805	0.07690	18	0.65	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	3.7035	0.01500	3.5437	0.22805	0.07690	18	0.70	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	3.7050	0.01000	3.5437	0.22805	0.07690	18	0.71	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	3.7545	0.01700	3.5437	0.22805	0.07690	18	0.92	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	3.8045	0.00500	3.5437	0.22805	0.07690	18	1.14	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	4.2395	0.32320	3.5437	0.22805	0.07690	18	3.05	10%	0
133.04	Proline, Pre-col FMOC Der (%)	2004	3.6350	0.01000				1			0
133.05	Proline, Pre-col AQC Der (%)	0626	3.4150	0.05000				3			0
133.05	Proline, Pre-col AQC Der (%)	0610	3.7100	0.06000				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	3.8975	0.02500				3			0
133.99	Proline, Miscellaneous (%)	2161	1.8985	0.04300				2			0
133.99	Proline, Miscellaneous (%)	0160	3.4528	0.07830				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	2.0800	0.12000	2.3967	0.13885	0.04588	18	-2.28	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	2.2250	0.01000	2.3967	0.13885	0.04588	18	-1.24	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	2.2750	0.01000	2.3967	0.13885	0.04588	18	-0.88	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	2.3150	0.01800	2.3967	0.13885	0.04588	18	-0.59	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	2.3195	0.05500	2.3967	0.13885	0.04588	18	-0.56	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	2.3350	0.13000	2.3967	0.13885	0.04588	18	-0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	2.3400	0.04000	2.3967	0.13885	0.04588	18	-0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	2.3600	0.04000	2.3967	0.13885	0.04588	18	-0.26	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	2.3710	0.00200	2.3967	0.13885	0.04588	18	-0.19	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	2.3800	0.02200	2.3967	0.13885	0.04588	18	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	2.4010	0.00400	2.3967	0.13885	0.04588	18	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	2.4170	0.00000	2.3967	0.13885	0.04588	18	0.15	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	2.4600	0.02000	2.3967	0.13885	0.04588	18	0.46	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	2.4635	0.07300	2.3967	0.13885	0.04588	18	0.48	1%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
134.00	Serine, Post-col Ninhydrin Der (%)	0968	2.4755	0.01700	2.3967	0.13885	0.04588	18	0.57	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0848	2.6700	0.06000	2.3967	0.13885	0.04588	18	1.97	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	2.6852	0.19490	2.3967	0.13885	0.04588	18	2.08	6%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	2.7650	0.01000	2.3967	0.13885	0.04588	18	2.65	8%	0
134.01	Serine, Pre-col OPA Der (%)	2004	2.3000	0.06000				1			0
134.02	Serine, Post-col OPA Der (%)	0098	2.3485	0.06700				1			0
134.05	Serine, Pre-col AQC Der (%)	0626	2.2475	0.03900				3			0
134.05	Serine, Pre-col AQC Der (%)	0610	2.4050	0.09000				3			0
134.05	Serine, Pre-col AQC Der (%)	0676	2.6260	0.01200				3			0
134.99	Serine, Miscellaneous (%)	2161	1.2825	0.06900				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	2.2050	0.01000	2.3600	0.07911	0.04013	18	-1.96	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	2.2600	0.00000	2.3600	0.07911	0.04013	18	-1.26	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	2.3110	0.13200	2.3600	0.07911	0.04013	18	-0.62	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	2.3115	0.02100	2.3600	0.07911	0.04013	18	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	2.3175	0.01500	2.3600	0.07911	0.04013	18	-0.54	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	2.3270	0.02000	2.3600	0.07911	0.04013	18	-0.42	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	2.3300	0.02000	2.3600	0.07911	0.04013	18	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	2.3350	0.17000	2.3600	0.07911	0.04013	18	-0.32	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	2.3365	0.01300	2.3600	0.07911	0.04013	18	-0.30	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	2.3600	0.02000	2.3600	0.07911	0.04013	18	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	2.3600	0.10000	2.3600	0.07911	0.04013	18	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	2.3650	0.01000	2.3600	0.07911	0.04013	18	0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	2.3685	0.00500	2.3600	0.07911	0.04013	18	0.11	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	2.3825	0.00100	2.3600	0.07911	0.04013	18	0.28	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	2.4380	0.00400	2.3600	0.07911	0.04013	18	0.99	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	2.5905	0.08130	2.3600	0.07911	0.04013	18	2.91	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0848	2.6150	0.09000	2.3600	0.07911	0.04013	18	3.22	5%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	2.7650	0.01000	2.3600	0.07911	0.04013	18	5.12	9%	0
135.01	Threonine, Pre-col OPA Der (%)	2004	2.2650	0.09000				1			0
135.02	Threonine, Post-col OPA Der (%)	0098	2.3770	0.11200				1			0
135.05	Threonine, Pre-col AQC Der (%)	0626	2.1740	0.02400	2.4411	0.21777	0.11275	4	-1.23	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	2.3650	0.15000	2.4411	0.21777	0.11275	4	-0.35	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	2.5570	0.06400	2.4411	0.21777	0.11275	4	0.53	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0027	2.6685	0.21300	2.4411	0.21777	0.11275	4	1.04	5%	0
135.99	Threonine, Miscellaneous (%)	2161	0.82050	0.08700	1.8251	0.78895	0.09525	4	-1.27	28%	0
135.99	Threonine, Miscellaneous (%)	0160	1.5999	0.23400	1.8251	0.78895	0.09525	4	-0.29	6%	0
135.99	Threonine, Miscellaneous (%)	2144	2.2800	0.02000	1.8251	0.78895	0.09525	4	0.58	12%	0
135.99	Threonine, Miscellaneous (%)	2145	2.6000	0.04000	1.8251	0.78895	0.09525	4	0.98	21%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.43000	0.02000	0.48770	0.05747	0.01473	6	-1.00	6%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.44700	0.00000	0.48770	0.05747	0.01473	6	-0.71	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.45020	0.02840	0.48770	0.05747	0.01473	6	-0.65	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	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.52000	0.02000	0.48770	0.05747	0.01473	6	0.56	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.53500	0.02000	0.48770	0.05747	0.01473	6	0.82	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.54400	0.00000	0.48770	0.05747	0.01473	6	0.98	6%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	2059	0.44050	0.00100				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.49400	0.00200				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.47050	0.00300				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.40800	0.01000				2			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.47600	0.00600				2			0
136.99	Tryptophan, Miscellaneous (%)	2004	0.46800	0.04200				3			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.49000	0.00000				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.57000	0.02000				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	1.1500	0.06000	1.5893	0.12866	0.02715	14	-3.41	14%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	1.2450	0.09000	1.5893	0.12866	0.02715	14	-2.68	11%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	1.4541	0.00270	1.5893	0.12866	0.02715	14	-1.05	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	1.5550	0.01000	1.5893	0.12866	0.02715	14	-0.27	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.5695	0.04100	1.5893	0.12866	0.02715	14	-0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.5840	0.01000	1.5893	0.12866	0.02715	14	-0.04	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.5925	0.00100	1.5893	0.12866	0.02715	14	0.02	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	1.6100	0.02000	1.5893	0.12866	0.02715	14	0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.6230	0.02800	1.5893	0.12866	0.02715	14	0.26	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	1.6359	0.00040	1.5893	0.12866	0.02715	14	0.36	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	1.6410	0.02800	1.5893	0.12866	0.02715	14	0.40	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.6705	0.00900	1.5893	0.12866	0.02715	14	0.63	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0848	1.7400	0.08000	1.5893	0.12866	0.02715	14	1.17	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	1.8800	0.00000	1.5893	0.12866	0.02715	14	2.26	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.6650	0.17000	1.5893	0.12866	0.02715	14	0.59	2%	1
137.01	Tyrosine, Pre-col OPA Der (%)	2004	1.6650	0.03000				1			0
137.02	Tyrosine, Post-col OPA Der (%)	0098	1.6410	0.00000				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.5430	0.00400				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	1.8450	0.14000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	1.9350	0.09000				3			0
137.99	Tyrosine, Miscellaneous (%)	2161	0.81500	0.01600				2			0
137.99	Tyrosine, Miscellaneous (%)	0160	1.5628	0.19270				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	2.1400	0.02000	2.5728	0.13964	0.05225	18	-3.10	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	2.3640	0.03200	2.5728	0.13964	0.05225	18	-1.50	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	2.4250	0.03000	2.5728	0.13964	0.05225	18	-1.06	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	2.4465	0.04500	2.5728	0.13964	0.05225	18	-0.90	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	2.4800	0.06000	2.5728	0.13964	0.05225	18	-0.66	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	2.5100	0.02000	2.5728	0.13964	0.05225	18	-0.45	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0848	2.5350	0.17000	2.5728	0.13964	0.05225	18	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	2.5600	0.02000	2.5728	0.13964	0.05225	18	-0.09	0%	0

Test Material Code # 201726

Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
138.00	Valine, Post-col Ninhydrin Der (%)	0652	2.5700	0.04000	2.5728	0.13964	0.05225	18	-0.02	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	2.6005	0.00100	2.5728	0.13964	0.05225	18	0.20	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	2.6203	0.16850	2.5728	0.13964	0.05225	18	0.34	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	2.6250	0.00200	2.5728	0.13964	0.05225	18	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	2.6500	0.02600	2.5728	0.13964	0.05225	18	0.55	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	2.6610	0.00000	2.5728	0.13964	0.05225	18	0.63	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	2.6770	0.04600	2.5728	0.13964	0.05225	18	0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	2.7000	0.00000	2.5728	0.13964	0.05225	18	0.91	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	2.7400	0.22000	2.5728	0.13964	0.05225	18	1.20	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	2.8800	0.04000	2.5728	0.13964	0.05225	18	2.20	6%	0
138.01	Valine, Pre-col OPA Der (%)	2004	2.4100	0.14000				1			0
138.02	Valine, Post-col OPA Der (%)	0098	2.6755	0.04100				1			0
138.05	Valine, Pre-col AQC Der (%)	0626	2.4340	0.01000				3			0
138.05	Valine, Pre-col AQC Der (%)	0610	2.7250	0.09000				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	2.9305	0.23100				3			0
138.99	Valine, Miscellaneous (%)	2161	1.0965	0.08100				2			0
138.99	Valine, Miscellaneous (%)	2144	5.0100	0.02000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0227	0.44000	0.00000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.45500	0.03000				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	0.44050	0.02100				1			0
139.99	Taurine, Miscellaneous (%)	2161	0.25900	0.00600				1			0
357.00	Ethoxyquin, Fluorometric (mg/kg (ppm))	0171	59.500	1.0000				1			0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0878	33.350	0.10000	69.044	75.084	4.8320	5	-1.29	3%	0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0227	35.000	4.0000	69.044	75.084	4.8320	5	-0.29	1%	0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0619	36.700	4.0000	69.044	75.084	4.8320	5	0.75	2%	0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0939	36.835	2.6300	69.044	75.084	4.8320	5	0.83	2%	0
357.01	Ethoxyquin, LC (mg/kg (ppm))	0626	203.34	13.430	69.044	75.084	4.8320	5	102.21	237%	0
357.02	Ethoxyquin, LC (UV or FL) (mg/kg (ppm))	0968	24.015	0.47600				1			0
357.04	Ethoxyquin, LC-MS/MS (mg/kg (ppm))	0968	20.392	0.57000				2			0
357.04	Ethoxyquin, LC-MS/MS (mg/kg (ppm))	2145	37.250	0.30000				2			0
357.99	Ethoxyquin, Miscellaneous (mg/kg (ppm))	0942	41.000	2.0000				1			0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.51140	0.00320	0.53091	0.01526	0.00336	7	-1.28	2%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.51850	0.00300	0.53091	0.01526	0.00336	7	-0.81	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.52650	0.00100	0.53091	0.01526	0.00336	7	-0.29	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.52815	0.00150	0.53091	0.01526	0.00336	7	-0.18	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0010	0.54100	0.01000	0.53091	0.01526	0.00336	7	0.66	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.54425	0.00210	0.53091	0.01526	0.00336	7	0.87	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.54655	0.00270	0.53091	0.01526	0.00336	7	1.03	1%	0
400.99	Water activity, Miscellaneous (Units)	2073	0.46750	0.00100				2			0
400.99	Water activity, Miscellaneous (Units)	0843	0.48550	0.00700				2			0
412.01		0353	0.15000	0.02000				1			0

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Method Proficiency Testing Report

Issue Date : 07/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0045	0.33750	0.00700				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	2.2700	0.00000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0096	2.1951	0.02760				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.2650	0.05000				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0199	2.1500	0.10000	2.3841	0.25669	0.12686	5	-0.91	5%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	2.1870	0.33800	2.3841	0.25669	0.12686	5	-0.77	4%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	2.3050	0.03000	2.3841	0.25669	0.12686	5	-0.31	2%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	2.5100	0.08000	2.3841	0.25669	0.12686	5	0.49	3%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	2.7686	0.08630	2.3841	0.25669	0.12686	5	1.50	8%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.38200	0.01000				2			0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0171	0.45000	0.02000				2			0
518.42	Cadmium, ICP, Open vessel (mg / kg (ppm))	0045	0.16350	0.03300				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	0.41000	0.00000				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.43450	0.01900				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.48225	0.04230				2			0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0199	0.40500	0.01000	0.46656	0.04273	0.03112	5	-1.44	7%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.44780	0.04360	0.46656	0.04273	0.03112	5	-0.44	2%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.46750	0.04300	0.46656	0.04273	0.03112	5	0.02	0%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.50400	0.04400	0.46656	0.04273	0.03112	5	0.88	4%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.50850	0.01500	0.46656	0.04273	0.03112	5	0.98	4%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	1.5050	0.13000				2			0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0171	2.2800	0.14000				2			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0096	1.3666	0.07870				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	2.3250	1.1172				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	2.4850	0.75000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	1.2900	0.04000				2			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	2.5000	0.28000				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.3150	0.05000				2			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.4903	0.80720				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0199	1.4850	0.07000				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.7650	0.19000				3			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	2.2195	1.1122				3			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.14200	0.03600				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0171	0.75000	0.28000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0096	0.63220	0.03180				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.73200	0.02200				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0199	0.60500	0.01000	0.67470	0.06761	0.02564	5	-1.03	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.63400	0.02000	0.67470	0.06761	0.02564	5	-0.60	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.64000	0.01200	0.67470	0.06761	0.02564	5	-0.51	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.74300	0.05720	0.67470	0.06761	0.02564	5	1.01	5%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.75150	0.02900	0.67470	0.06761	0.02564	5	1.14	6%	0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0553	37.000	11.800				2			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0171	37.500	1.0000				2			0
529.99	Mercury, Miscellaneous (µg / kg (ppb))	0199	0.00000	0.00000				2			4
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	1.0350	0.13000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0096	1.2365	0.77010				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	0.96460	0.11200				2			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0553	1.4150	0.83000				2			0
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	2161	0.77475	0.15170				1			0
703.00	Valeric Acid (5:0), Miscellaneous GC (%)	2161	1.2706	0.15040				1			0
710.02	Lauric Acid (12:0), Direct Methylation by Acid-Alka	0910	0.06500	0.01000				1			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0226	0.00750	0.00100				2			0
710.99	Lauric Acid (12:0), Miscellaneous (%) (w/w)	0676	0.00850	0.00100				2			0
714.02	Myristic Acid (14:0), Direct Methylation by Acid-Al	0910	3.7500	0.02000				1			0
714.99	Myristic Acid (14:0), Miscellaneous (%) (w/w)	0226	0.34200	0.01400				1			0
716.02	Palmitic Acid (16:0), Direct Methylation by Acid-All	0910	19.555	0.11000				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (%) (w/w)	0226	1.7350	0.07000				1			0
718.02	Palmitoleic Acid (9c-16:1), Direct Methylation by A	0910	5.4050	0.01000				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0226	0.47800	0.01600				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	0676	0.54850	0.00100				3			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (%) (w/w)	2161	2.1900	0.00000				3			0
720.99	Margaric acid (17:0), Miscellaneous (%) (w/w)	2161	0.64000	0.00000				1			0
722.02	Stearic Acid (18:0), Direct Methylation by Acid-Alk	0910	5.1350	0.05000				1			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	2161	0.09000	0.00000				2			0
722.99	Stearic Acid (18:0), Miscellaneous (%) (w/w)	0226	0.43850	0.01900				2			0
724.02	Oleic Acid (9c-18:1), Direct Methylation by Acid-Al	0910	30.735	0.31000				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	2161	0.05000	0.00000				2			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (%) (w/w)	0226	2.4550	0.01000				2			0
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by	0910	8.5550	0.13000				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	0226	0.68400	0.02200				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	0676	0.89800	0.01800				3			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%) (w/	2161	3.6600	0.00000				3			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	2161	0.03000	0.00000	0.08425	0.04625	0.00350	4	-0.96	32%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0171	0.07950	0.00100	0.08425	0.04625	0.00350	4	-0.08	3%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0226	0.08450	0.01100	0.08425	0.04625	0.00350	4	0.01	0%	0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellane	0676	0.14300	0.00200	0.08425	0.04625	0.00350	4	1.04	35%	0
730.02	Arachidic Acid (20:0), Direct Methylation by Acid-A	0910	0.23000	0.00000				1			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.02800	0.01600				2			0
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	2161	0.03000	0.00000				2			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.10650	0.00300				1			0
736.02	Arachidonic Acid (5c,8c,11c,14c-20:4), Direct Metl	0910	0.87500	0.01000				1			0
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	2161	0.01000	0.00000				2			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellane	0676	0.15200	0.00200				2			0
738.99	Mead Acid (11c,14c,17c-20:3), Miscellaneous (%)	2161	0.01000	0.00000				1			0
740.02	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0675	0.50500	0.01000				2			0
740.02	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0910	4.3650	0.13000				2			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0171	0.34200	0.00600	0.42260	0.09271	0.01480	5	-0.90	11%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0629	0.35000	0.00000	0.42260	0.09271	0.01480	5	-0.82	10%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0226	0.37650	0.06500	0.42260	0.09271	0.01480	5	-0.56	7%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0676	0.50450	0.00300	0.42260	0.09271	0.01480	5	0.68	8%	0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0610	0.54000	0.00000	0.42260	0.09271	0.01480	5	1.03	12%	0
742.02	Behenic Acid (22:0), Direct Methylation by Acid-Al	0910	0.13000	0.02000				1			0
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.01300	0.00200				2			0
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	2161	0.06000	0.00000				2			0
744.02	Erucic Acid (13c-22:1), Direct Methylation by Acid-Al	0910	0.17000	0.00000				1			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	0.01700	0.00200				2			0
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	2161	0.10000	0.00000				2			0
746.02	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Direct Methylation by Acid-Al	0910	0.83500	0.01000				1			0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Miscellaneous (%) (w/w)	0226	0.07600	0.01200	0.31680	0.31542	0.00320	5	-0.91	40%	0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Miscellaneous (%) (w/w)	0676	0.08600	0.00000	0.31680	0.31542	0.00320	5	-0.88	39%	0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Miscellaneous (%) (w/w)	0171	0.10200	0.00400	0.31680	0.31542	0.00320	5	-0.83	36%	0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Miscellaneous (%) (w/w)	2161	0.61000	0.00000	0.31680	0.31542	0.00320	5	0.71	31%	0
746.99	Docosapentaenoic Acid n-3 DPA (DHA)7c,10c,13c,16c,19c,22:5, Miscellaneous (%) (w/w)	0629	0.71000	0.00000	0.31680	0.31542	0.00320	5	1.01	44%	0
748.02	Lignoceric Acid (24:0), Direct Methylation by Acid-Al	0910	0.17000	0.00000				1			0
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.02000	0.01400				2			0
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	2161	0.02000	0.00000				2			0
750.02	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Direct Methylation by Acid-Al	2171	0.51450	0.01500				3			0
750.02	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Direct Methylation by Acid-Al	0675	0.67500	0.15000				3			0
750.02	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Direct Methylation by Acid-Al	0910	4.7950	0.03000				3			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%) (w/w)	0171	0.40400	0.02000	0.53138	0.10786	0.02575	4	-1.18	12%	0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%) (w/w)	0226	0.48500	0.07000	0.53138	0.10786	0.02575	4	-0.43	4%	0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%) (w/w)	0676	0.59150	0.00300	0.53138	0.10786	0.02575	4	0.56	6%	0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%) (w/w)	0610	0.64500	0.01000	0.53138	0.10786	0.02575	4	1.05	11%	0
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	0.05750	0.00300				2			0
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	2161	0.11000	0.00000				2			0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0675	1.1800	0.14000				2			0
754.02	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0148	1.3600	0.02000				2			0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0171	1.0250	0.05000	1.3425	0.22392	0.01500	4	-4.73	15%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0676	1.3450	0.01000	1.3425	0.22392	0.01500	4	-1.15	4%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0610	1.5000	0.00000	1.3425	0.22392	0.01500	4	0.58	2%	0
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Direct Methylation by Acid-Al	0629	1.5000	0.00000	1.3425	0.22392	0.01500	4	0.58	2%	0
756.02	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by Acid-Al	2171	0.81000	0.08000				1			0
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Direct Methylation by Acid-Al	0171	0.82000	0.04000				3			0

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Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0676	1.2350	0.03000				3		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids,	0629	1.3000	0.00000				3		0	
758.02	Total Saturated Fatty Acids, Direct Methylation by	2171	2.7750	0.45000				1		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w	2161	1.3750	0.01000				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w	0171	2.2900	0.10000				2		0	
762.02	Total Monounsaturated Fatty Acids, Direct Methyl	2171	3.0250	0.05000				1		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	0171	3.0450	0.07000				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellaneous	2161	4.8050	0.01000				2		0	
766.02	Total Polyunsaturated Fatty Acids, Direct Methylat	2171	1.6200	0.28000				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	0171	1.9600	0.12000				2		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneous	2161	5.0350	0.43000				2		0	
772.02	Total Fatty Acids, Direct Methylation by Acid-Alkal	2171	7.4200	0.22000				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	7.5670	0.18800				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.