

Beef Feed,Medicated

Animal Feed Scheme

Labs Reporting: 195

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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 (%)	0875	3.8600	0.08000	8.5209	4.3310	0.22420	5	-1.08	27%	0
000.02	Urea, As protein, Colorimetric (%)	0619	4.0495	0.35100	8.5209	4.3310	0.22420	5	-1.03	26%	0
000.02	Urea, As protein, Colorimetric (%)	0019	9.6500	0.44000	8.5209	4.3310	0.22420	5	0.26	7%	0
000.02	Urea, As protein, Colorimetric (%)	0964	12.445	0.05000	8.5209	4.3310	0.22420	5	0.91	23%	0
000.02	Urea, As protein, Colorimetric (%)	0278	12.600	0.20000	8.5209	4.3310	0.22420	5	0.94	24%	0
000.99	Urea, Miscellaneous (%)	0171	3.9500	0.10000				2			0
000.99	Urea, Miscellaneous (%)	0613	6.5650	4.5100				2			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0563	5.6058	0.12030	6.8181	0.50410	0.10283	9	-2.41	9%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0034	6.2650	0.07000	6.8181	0.50410	0.10283	9	-1.10	4%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0620	6.5666	0.12820	6.8181	0.50410	0.10283	9	-0.50	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	6.6775	0.12100	6.8181	0.50410	0.10283	9	-0.28	1%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	7.0370	0.01600	6.8181	0.50410	0.10283	9	0.43	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0615	7.1200	0.16000	6.8181	0.50410	0.10283	9	0.60	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0016	7.1450	0.19000	6.8181	0.50410	0.10283	9	0.65	2%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	7.1750	0.01000	6.8181	0.50410	0.10283	9	0.71	3%	0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	7.3150	0.11000	6.8181	0.50410	0.10283	9	0.99	4%	0
001.03	Loss on Drying, Low temp. methods (%)	0893	6.6800	0.00000	6.7511	0.07326	0.01317	6	-0.97	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0895	6.7050	0.01000	6.7511	0.07326	0.01317	6	-0.63	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0878	6.7200	0.04000	6.7511	0.07326	0.01317	6	-0.42	0%	0
001.03	Loss on Drying, Low temp. methods (%)	2093	6.7517	0.00900	6.7511	0.07326	0.01317	6	0.01	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0903	6.7950	0.01000	6.7511	0.07326	0.01317	6	0.60	0%	0
001.03	Loss on Drying, Low temp. methods (%)	0619	6.8550	0.01000	6.7511	0.07326	0.01317	6	1.42	1%	0
001.03	Loss on Drying, Low temp. methods (%)	0186	6.7850	0.29000	6.7511	0.07326	0.01317	6	0.46	0%	1
001.05	Loss on Drying, LECO (%)	0610	6.6800	0.02000				3			0
001.05	Loss on Drying, LECO (%)	0644	6.7900	0.06000				3			0
001.05	Loss on Drying, LECO (%)	0860	34.300	0.00000				3			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0618	4.8250	0.49000	6.8260	0.27822	0.12869	39	-7.19	15%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	6.0300	0.32000	6.8260	0.27822	0.12869	39	-2.86	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	6.1700	0.46000	6.8260	0.27822	0.12869	39	-2.36	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	6.3850	0.11000	6.8260	0.27822	0.12869	39	-1.58	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	6.4600	0.04000	6.8260	0.27822	0.12869	39	-1.32	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	6.5200	0.38000	6.8260	0.27822	0.12869	39	-1.10	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2012	6.5400	0.04000	6.8260	0.27822	0.12869	39	-1.03	2%	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 (%)	0413	6.6000	0.20000	6.8260	0.27822	0.12869	39	-0.81	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	6.6300	0.00000	6.8260	0.27822	0.12869	39	-0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	6.6500	0.06000	6.8260	0.27822	0.12869	39	-0.63	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	6.6750	0.29000	6.8260	0.27822	0.12869	39	-0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0139	6.7450	0.03000	6.8260	0.27822	0.12869	39	-0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0609	6.7500	0.10000	6.8260	0.27822	0.12869	39	-0.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	6.7750	0.01000	6.8260	0.27822	0.12869	39	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0683	6.7750	0.07000	6.8260	0.27822	0.12869	39	-0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	6.7800	0.14000	6.8260	0.27822	0.12869	39	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	6.7850	0.01000	6.8260	0.27822	0.12869	39	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	6.8100	0.20000	6.8260	0.27822	0.12869	39	-0.06	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	6.8250	0.27000	6.8260	0.27822	0.12869	39	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	6.8410	0.03210	6.8260	0.27822	0.12869	39	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2053	6.8500	0.02000	6.8260	0.27822	0.12869	39	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	6.8600	0.48000	6.8260	0.27822	0.12869	39	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	6.8600	0.02000	6.8260	0.27822	0.12869	39	0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0638	6.8800	0.04000	6.8260	0.27822	0.12869	39	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0849	6.8935	0.00700	6.8260	0.27822	0.12869	39	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	6.9150	0.15000	6.8260	0.27822	0.12869	39	0.32	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	6.9250	0.19000	6.8260	0.27822	0.12869	39	0.36	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	6.9450	0.03000	6.8260	0.27822	0.12869	39	0.43	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	6.9500	0.06000	6.8260	0.27822	0.12869	39	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	6.9500	0.10000	6.8260	0.27822	0.12869	39	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	7.0150	0.17000	6.8260	0.27822	0.12869	39	0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	7.0350	0.05000	6.8260	0.27822	0.12869	39	0.75	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	7.0600	0.02000	6.8260	0.27822	0.12869	39	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	7.1250	0.39000	6.8260	0.27822	0.12869	39	1.07	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.1800	0.02000	6.8260	0.27822	0.12869	39	1.27	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	7.2700	0.00000	6.8260	0.27822	0.12869	39	1.60	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.4250	0.01000	6.8260	0.27822	0.12869	39	2.15	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.6000	0.00000	6.8260	0.27822	0.12869	39	2.78	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0529	8.5350	0.01000	6.8260	0.27822	0.12869	39	6.14	13%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0652	7.0000	0.00000				2			0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0590	7.1200	0.12000				2			0
001.99	Loss on Drying, Miscellaneous (%)	0618	5.2400	0.08000	6.8141	0.42859	0.15187	23	-3.67	12%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	6.1400	0.36000	6.8141	0.42859	0.15187	23	-1.57	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0630	6.3200	0.00000	6.8141	0.42859	0.15187	23	-1.15	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	6.4150	0.23000	6.8141	0.42859	0.15187	23	-0.93	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	6.4300	0.12000	6.8141	0.42859	0.15187	23	-0.90	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	6.5000	0.00000	6.8141	0.42859	0.15187	23	-0.73	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2149	6.5995	0.06100	6.8141	0.42859	0.15187	23	-0.50	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0918	6.6250	0.41000	6.8141	0.42859	0.15187	23	-0.44	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	6.7500	0.10000	6.8141	0.42859	0.15187	23	-0.15	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	6.7600	0.10000	6.8141	0.42859	0.15187	23	-0.13	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0904	6.7850	0.49000	6.8141	0.42859	0.15187	23	-0.07	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0662	6.8114	0.15820	6.8141	0.42859	0.15187	23	-0.01	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	6.8550	0.11000	6.8141	0.42859	0.15187	23	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0940	6.8600	0.12000	6.8141	0.42859	0.15187	23	0.11	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0612	6.8670	0.38400	6.8141	0.42859	0.15187	23	0.12	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.9400	0.12000	6.8141	0.42859	0.15187	23	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0912	7.0350	0.23000	6.8141	0.42859	0.15187	23	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	7.1324	0.06970	6.8141	0.42859	0.15187	23	0.74	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0505	7.2600	0.16000	6.8141	0.42859	0.15187	23	1.04	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	7.2900	0.00000	6.8141	0.42859	0.15187	23	1.11	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0004	7.3150	0.11000	6.8141	0.42859	0.15187	23	1.17	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	7.3750	0.03000	6.8141	0.42859	0.15187	23	1.31	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	7.6750	0.05000	6.8141	0.42859	0.15187	23	2.01	6%	0
002.00	Protein, Crude (%)	0940	33.980	0.42000				2			0
002.00	Protein, Crude (%)	0169	34.910	0.08000				2			0
002.01	Protein, Auto Kjell-Foss (%)	0870	33.557	0.21300	34.293	0.40938	0.14953	12	-1.80	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0968	33.957	0.27000	34.293	0.40938	0.14953	12	-0.82	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0889	34.025	0.03000	34.293	0.40938	0.14953	12	-0.65	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0028	34.050	0.10000	34.293	0.40938	0.14953	12	-0.59	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0662	34.104	0.24130	34.293	0.40938	0.14953	12	-0.46	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0652	34.300	0.20000	34.293	0.40938	0.14953	12	0.02	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0910	34.300	0.40000	34.293	0.40938	0.14953	12	0.02	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0653	34.345	0.09000	34.293	0.40938	0.14953	12	0.13	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0723	34.390	0.00000	34.293	0.40938	0.14953	12	0.24	0%	0
002.01	Protein, Auto Kjell-Foss (%)	0610	34.675	0.15000	34.293	0.40938	0.14953	12	0.93	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0164	34.785	0.03000	34.293	0.40938	0.14953	12	1.20	1%	0
002.01	Protein, Auto Kjell-Foss (%)	0685	34.915	0.07000	34.293	0.40938	0.14953	12	1.52	1%	0
002.02	Protein, Semiauto Autoanalyzer (%)	0042	32.615	0.21000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0066	34.460	0.14000				3			0
002.02	Protein, Semiauto Autoanalyzer (%)	0036	34.633	0.07370				3			0
002.03	Protein, Hach Method (%)	0536	33.815	0.17000				1			0
002.04	Protein, Copper Catalyst (%)	0874	33.120	0.32000	35.066	1.9075	0.16800	5	-1.02	3%	0
002.04	Protein, Copper Catalyst (%)	0638	34.555	0.01000	35.066	1.9075	0.16800	5	-0.27	1%	0
002.04	Protein, Copper Catalyst (%)	0504	34.570	0.42000	35.066	1.9075	0.16800	5	-0.26	1%	0
002.04	Protein, Copper Catalyst (%)	0728	34.825	0.05000	35.066	1.9075	0.16800	5	-0.13	0%	0
002.04	Protein, Copper Catalyst (%)	0405	38.260	0.04000	35.066	1.9075	0.16800	5	1.67	5%	0
002.05	Protein, Copper, Boric Acid (%)	2006	33.590	0.02000	34.428	0.46854	0.10680	36	-1.79	1%	0
002.05	Protein, Copper, Boric Acid (%)	0620	33.671	0.26450	34.428	0.46854	0.10680	36	-1.61	1%	0

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002.05	Protein, Copper, Boric Acid (%)	0015	33.700	0.16000	34.428	0.46854	0.10680	36	-1.55	1%	0
002.05	Protein, Copper, Boric Acid (%)	0619	33.800	0.20000	34.428	0.46854	0.10680	36	-1.34	1%	0
002.05	Protein, Copper, Boric Acid (%)	0952	33.860	0.12000	34.428	0.46854	0.10680	36	-1.21	1%	0
002.05	Protein, Copper, Boric Acid (%)	0674	33.900	0.00000	34.428	0.46854	0.10680	36	-1.13	1%	0
002.05	Protein, Copper, Boric Acid (%)	0941	34.040	0.06000	34.428	0.46854	0.10680	36	-0.83	1%	0
002.05	Protein, Copper, Boric Acid (%)	2097	34.043	0.39140	34.428	0.46854	0.10680	36	-0.82	1%	0
002.05	Protein, Copper, Boric Acid (%)	0885	34.109	0.04470	34.428	0.46854	0.10680	36	-0.68	0%	0
002.05	Protein, Copper, Boric Acid (%)	2012	34.155	0.05000	34.428	0.46854	0.10680	36	-0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	2009	34.158	0.14140	34.428	0.46854	0.10680	36	-0.58	0%	0
002.05	Protein, Copper, Boric Acid (%)	0623	34.196	0.03100	34.428	0.46854	0.10680	36	-0.50	0%	0
002.05	Protein, Copper, Boric Acid (%)	2109	34.325	0.19000	34.428	0.46854	0.10680	36	-0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0651	34.339	0.01800	34.428	0.46854	0.10680	36	-0.19	0%	0
002.05	Protein, Copper, Boric Acid (%)	0622	34.344	0.03100	34.428	0.46854	0.10680	36	-0.18	0%	0
002.05	Protein, Copper, Boric Acid (%)	0895	34.380	0.02000	34.428	0.46854	0.10680	36	-0.10	0%	0
002.05	Protein, Copper, Boric Acid (%)	2073	34.450	0.22000	34.428	0.46854	0.10680	36	0.05	0%	0
002.05	Protein, Copper, Boric Acid (%)	0903	34.490	0.02000	34.428	0.46854	0.10680	36	0.13	0%	0
002.05	Protein, Copper, Boric Acid (%)	0849	34.498	0.03500	34.428	0.46854	0.10680	36	0.15	0%	0
002.05	Protein, Copper, Boric Acid (%)	0897	34.525	0.01000	34.428	0.46854	0.10680	36	0.21	0%	0
002.05	Protein, Copper, Boric Acid (%)	0948	34.530	0.10000	34.428	0.46854	0.10680	36	0.22	0%	0
002.05	Protein, Copper, Boric Acid (%)	0354	34.555	0.09000	34.428	0.46854	0.10680	36	0.27	0%	0
002.05	Protein, Copper, Boric Acid (%)	0683	34.560	0.10000	34.428	0.46854	0.10680	36	0.28	0%	0
002.05	Protein, Copper, Boric Acid (%)	2093	34.589	0.09210	34.428	0.46854	0.10680	36	0.34	0%	0
002.05	Protein, Copper, Boric Acid (%)	0939	34.590	0.28000	34.428	0.46854	0.10680	36	0.35	0%	0
002.05	Protein, Copper, Boric Acid (%)	0878	34.600	0.06000	34.428	0.46854	0.10680	36	0.37	0%	0
002.05	Protein, Copper, Boric Acid (%)	0194	34.640	0.02000	34.428	0.46854	0.10680	36	0.45	0%	0
002.05	Protein, Copper, Boric Acid (%)	0552	34.665	0.21000	34.428	0.46854	0.10680	36	0.51	0%	0
002.05	Protein, Copper, Boric Acid (%)	0893	34.780	0.00000	34.428	0.46854	0.10680	36	0.75	1%	0
002.05	Protein, Copper, Boric Acid (%)	0689	34.850	0.10000	34.428	0.46854	0.10680	36	0.90	1%	0
002.05	Protein, Copper, Boric Acid (%)	0675	34.875	0.01000	34.428	0.46854	0.10680	36	0.95	1%	0
002.05	Protein, Copper, Boric Acid (%)	2066	34.950	0.10000	34.428	0.46854	0.10680	36	1.11	1%	0
002.05	Protein, Copper, Boric Acid (%)	0955	35.050	0.30000	34.428	0.46854	0.10680	36	1.33	1%	0
002.05	Protein, Copper, Boric Acid (%)	0852	35.115	0.17000	34.428	0.46854	0.10680	36	1.47	1%	0
002.05	Protein, Copper, Boric Acid (%)	0536	35.205	0.15000	34.428	0.46854	0.10680	36	1.66	1%	0
002.05	Protein, Copper, Boric Acid (%)	0722	35.374	0.03570	34.428	0.46854	0.10680	36	2.02	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0539	32.770	0.16000	34.797	0.29044	0.21748	115	-6.98	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0042	32.990	0.22000	34.797	0.29044	0.21748	115	-6.22	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0876	33.725	0.43000	34.797	0.29044	0.21748	115	-3.69	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2006	33.815	0.01000	34.797	0.29044	0.21748	115	-3.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2150	33.984	0.22800	34.797	0.29044	0.21748	115	-2.80	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0366	34.250	0.50000	34.797	0.29044	0.21748	115	-1.88	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0918	34.263	0.97500	34.797	0.29044	0.21748	115	-1.84	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 (%)	2155	34.279	0.22700	34.797	0.29044	0.21748	115	-1.79	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0598	34.320	0.24000	34.797	0.29044	0.21748	115	-1.64	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0047	34.345	1.1300	34.797	0.29044	0.21748	115	-1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0510	34.400	0.00000	34.797	0.29044	0.21748	115	-1.37	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0119	34.404	0.17600	34.797	0.29044	0.21748	115	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0948	34.405	0.19000	34.797	0.29044	0.21748	115	-1.35	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0878	34.430	0.02000	34.797	0.29044	0.21748	115	-1.27	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0074	34.455	0.17000	34.797	0.29044	0.21748	115	-1.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0033	34.500	0.40000	34.797	0.29044	0.21748	115	-1.02	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0139	34.510	0.22000	34.797	0.29044	0.21748	115	-0.99	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0265	34.525	0.67000	34.797	0.29044	0.21748	115	-0.94	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0589	34.525	0.09000	34.797	0.29044	0.21748	115	-0.94	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0505	34.540	0.00000	34.797	0.29044	0.21748	115	-0.89	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0242	34.550	0.22000	34.797	0.29044	0.21748	115	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0278	34.550	0.30000	34.797	0.29044	0.21748	115	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0644	34.550	0.10000	34.797	0.29044	0.21748	115	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0956	34.550	0.30000	34.797	0.29044	0.21748	115	-0.85	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0001	34.555	0.13000	34.797	0.29044	0.21748	115	-0.83	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0904	34.565	0.11000	34.797	0.29044	0.21748	115	-0.80	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0144	34.570	0.04000	34.797	0.29044	0.21748	115	-0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0038	34.583	0.07700	34.797	0.29044	0.21748	115	-0.74	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0229	34.585	0.45000	34.797	0.29044	0.21748	115	-0.73	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0202	34.620	0.02000	34.797	0.29044	0.21748	115	-0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0027	34.635	0.54400	34.797	0.29044	0.21748	115	-0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0682	34.640	0.00000	34.797	0.29044	0.21748	115	-0.54	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0345	34.650	0.50000	34.797	0.29044	0.21748	115	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0016	34.650	0.10000	34.797	0.29044	0.21748	115	-0.51	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2053	34.655	0.05000	34.797	0.29044	0.21748	115	-0.49	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0843	34.665	0.27000	34.797	0.29044	0.21748	115	-0.46	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0857	34.685	0.23000	34.797	0.29044	0.21748	115	-0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0171	34.690	0.24000	34.797	0.29044	0.21748	115	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0870	34.691	0.23690	34.797	0.29044	0.21748	115	-0.37	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0590	34.700	0.40000	34.797	0.29044	0.21748	115	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0619	34.700	0.20000	34.797	0.29044	0.21748	115	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0693	34.700	0.20000	34.797	0.29044	0.21748	115	-0.34	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0004	34.705	0.27000	34.797	0.29044	0.21748	115	-0.32	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0208	34.740	0.08000	34.797	0.29044	0.21748	115	-0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0683	34.745	0.11000	34.797	0.29044	0.21748	115	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0541	34.745	0.05000	34.797	0.29044	0.21748	115	-0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0520	34.750	0.30000	34.797	0.29044	0.21748	115	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0553	34.750	0.10000	34.797	0.29044	0.21748	115	-0.16	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 (%)	0910	34.750	0.10000	34.797	0.29044	0.21748	115	-0.16	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0941	34.760	0.20000	34.797	0.29044	0.21748	115	-0.13	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0263	34.770	0.08000	34.797	0.29044	0.21748	115	-0.10	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0009	34.770	0.12000	34.797	0.29044	0.21748	115	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0018	34.770	0.28000	34.797	0.29044	0.21748	115	-0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0035	34.780	0.02000	34.797	0.29044	0.21748	115	-0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0630	34.785	0.19000	34.797	0.29044	0.21748	115	-0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0089	34.800	0.00000	34.797	0.29044	0.21748	115	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0098	34.800	0.20000	34.797	0.29044	0.21748	115	0.01	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0019	34.810	0.26000	34.797	0.29044	0.21748	115	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0108	34.810	0.02000	34.797	0.29044	0.21748	115	0.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0190	34.815	0.01000	34.797	0.29044	0.21748	115	0.06	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0309	34.825	0.18900	34.797	0.29044	0.21748	115	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0574	34.825	0.13000	34.797	0.29044	0.21748	115	0.09	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0861	34.830	0.04000	34.797	0.29044	0.21748	115	0.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0026	34.848	0.03800	34.797	0.29044	0.21748	115	0.17	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0010	34.850	0.10000	34.797	0.29044	0.21748	115	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0205	34.850	0.10000	34.797	0.29044	0.21748	115	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0037	34.850	0.34000	34.797	0.29044	0.21748	115	0.18	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0353	34.855	0.11000	34.797	0.29044	0.21748	115	0.20	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0003	34.865	0.32000	34.797	0.29044	0.21748	115	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0615	34.865	0.13000	34.797	0.29044	0.21748	115	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0726	34.865	0.07000	34.797	0.29044	0.21748	115	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2129	34.866	0.50300	34.797	0.29044	0.21748	115	0.23	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0358	34.880	0.52000	34.797	0.29044	0.21748	115	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0529	34.880	0.26000	34.797	0.29044	0.21748	115	0.28	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0571	34.886	0.20400	34.797	0.29044	0.21748	115	0.30	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0859	34.894	0.74000	34.797	0.29044	0.21748	115	0.33	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0014	34.900	0.20000	34.797	0.29044	0.21748	115	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0297	34.900	0.00000	34.797	0.29044	0.21748	115	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0413	34.900	0.00000	34.797	0.29044	0.21748	115	0.35	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0100	34.910	0.42000	34.797	0.29044	0.21748	115	0.39	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0142	34.915	0.03000	34.797	0.29044	0.21748	115	0.40	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0045	34.950	0.30000	34.797	0.29044	0.21748	115	0.53	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0148	34.960	0.28000	34.797	0.29044	0.21748	115	0.56	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0357	34.969	0.06250	34.797	0.29044	0.21748	115	0.59	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0034	34.975	0.63000	34.797	0.29044	0.21748	115	0.61	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0083	34.980	0.14000	34.797	0.29044	0.21748	115	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0049	34.980	0.04000	34.797	0.29044	0.21748	115	0.63	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0939	34.995	0.29000	34.797	0.29044	0.21748	115	0.68	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0175	35.000	0.20000	34.797	0.29044	0.21748	115	0.70	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 (%)	0618	35.000	0.18000	34.797	0.29044	0.21748	115	0.70	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0407	35.006	0.37600	34.797	0.29044	0.21748	115	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2059	35.008	0.01560	34.797	0.29044	0.21748	115	0.72	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0354	35.015	0.07000	34.797	0.29044	0.21748	115	0.75	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0036	35.025	0.01000	34.797	0.29044	0.21748	115	0.78	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0511	35.035	0.01000	34.797	0.29044	0.21748	115	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0687	35.035	0.43000	34.797	0.29044	0.21748	115	0.82	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0848	35.065	0.25000	34.797	0.29044	0.21748	115	0.92	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0504	35.080	0.00000	34.797	0.29044	0.21748	115	0.97	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0613	35.100	0.38000	34.797	0.29044	0.21748	115	1.04	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2057	35.120	0.66800	34.797	0.29044	0.21748	115	1.11	0%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0186	35.150	0.30000	34.797	0.29044	0.21748	115	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0226	35.150	0.10000	34.797	0.29044	0.21748	115	1.21	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0872	35.169	0.21250	34.797	0.29044	0.21748	115	1.28	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0675	35.215	0.09000	34.797	0.29044	0.21748	115	1.44	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0164	35.250	0.02000	34.797	0.29044	0.21748	115	1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0610	35.250	0.10000	34.797	0.29044	0.21748	115	1.56	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0964	35.337	0.00300	34.797	0.29044	0.21748	115	1.86	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0955	35.350	0.30000	34.797	0.29044	0.21748	115	1.90	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2076	35.365	0.11000	34.797	0.29044	0.21748	115	1.95	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0880	35.390	0.78000	34.797	0.29044	0.21748	115	2.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2089	35.390	0.10000	34.797	0.29044	0.21748	115	2.04	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0953	35.490	0.42000	34.797	0.29044	0.21748	115	2.38	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0968	35.494	0.11500	34.797	0.29044	0.21748	115	2.40	1%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	0609	35.975	0.25000	34.797	0.29044	0.21748	115	4.05	2%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2012	36.545	0.17000	34.797	0.29044	0.21748	115	6.02	3%	0
002.06	Protein, Combustion Nitrogen Analyzer (%)	2081	35.425	2.0100	34.797	0.29044	0.21748	115	2.16	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0692	35.450	2.3000	34.797	0.29044	0.21748	115	2.25	1%	1
002.06	Protein, Combustion Nitrogen Analyzer (%)	0612	35.810	2.5000	34.797	0.29044	0.21748	115	3.49	1%	1
002.07	Protein, Block Digestion (%)	0581	34.285	0.27000				1			0
002.08	Protein, Cu/Ti (%)	0563	33.762	0.08310				3			0
002.08	Protein, Cu/Ti (%)	0098	34.420	0.12000				3			0
002.08	Protein, Cu/Ti (%)	0208	34.800	1.2000				3			0
002.10	Protein, Block dig/distillation (%)	0629	33.875	0.35000				1			0
002.11	Protein, NIR (%)	0889	35.340	0.16000	39.446	4.1557	0.18914	7	-0.99	5%	0
002.11	Protein, NIR (%)	0852	35.480	0.18000	39.446	4.1557	0.18914	7	-0.95	5%	0
002.11	Protein, NIR (%)	2121	38.155	0.03000	39.446	4.1557	0.18914	7	-0.31	2%	0
002.11	Protein, NIR (%)	2120	38.850	0.20000	39.446	4.1557	0.18914	7	-0.14	1%	0
002.11	Protein, NIR (%)	0613	39.950	0.42000	39.446	4.1557	0.18914	7	0.12	1%	0
002.11	Protein, NIR (%)	0297	43.450	0.10000	39.446	4.1557	0.18914	7	0.96	5%	0
002.11	Protein, NIR (%)	2128	44.894	0.23400	39.446	4.1557	0.18914	7	1.31	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.99	Protein, Miscellaneous (%)	0643	33.555	0.17000							0
002.99	Protein, Miscellaneous (%)	2004	34.600	0.00000							0
003.00	Fat, Eth Ext., Direct (%)	0142	1.4050	0.07000	1.7417	0.25988	0.07573	12	-1.30	10%	0
003.00	Fat, Eth Ext., Direct (%)	0309	1.4589	0.02740	1.7417	0.25988	0.07573	12	-1.09	8%	0
003.00	Fat, Eth Ext., Direct (%)	0026	1.4750	0.01000	1.7417	0.25988	0.07573	12	-1.03	8%	0
003.00	Fat, Eth Ext., Direct (%)	2109	1.5950	0.01000	1.7417	0.25988	0.07573	12	-0.56	4%	0
003.00	Fat, Eth Ext., Direct (%)	2053	1.6450	0.09000	1.7417	0.25988	0.07573	12	-0.37	3%	0
003.00	Fat, Eth Ext., Direct (%)	0194	1.7550	0.03000	1.7417	0.25988	0.07573	12	0.05	0%	0
003.00	Fat, Eth Ext., Direct (%)	0175	1.7850	0.17000	1.7417	0.25988	0.07573	12	0.17	1%	0
003.00	Fat, Eth Ext., Direct (%)	0615	1.8450	0.07000	1.7417	0.25988	0.07573	12	0.40	3%	0
003.00	Fat, Eth Ext., Direct (%)	0653	1.8750	0.01000	1.7417	0.25988	0.07573	12	0.51	4%	0
003.00	Fat, Eth Ext., Direct (%)	0939	1.9550	0.09000	1.7417	0.25988	0.07573	12	0.82	6%	0
003.00	Fat, Eth Ext., Direct (%)	0345	1.9750	0.05000	1.7417	0.25988	0.07573	12	0.90	7%	0
003.00	Fat, Eth Ext., Direct (%)	0885	2.1702	0.28130	1.7417	0.25988	0.07573	12	1.65	12%	0
003.01	Fat, Ind Eth Ext (13th ed.), Indirect (%)	0504	2.2950	0.19000				1			0
003.06	Fat, Pet Ether (%)	0563	1.2710	0.23200	1.7327	0.22283	0.06551	16	-2.07	13%	0
003.06	Fat, Pet Ether (%)	0148	1.4300	0.00000	1.7327	0.22283	0.06551	16	-1.36	9%	0
003.06	Fat, Pet Ether (%)	0644	1.5250	0.01000	1.7327	0.22283	0.06551	16	-0.93	6%	0
003.06	Fat, Pet Ether (%)	0229	1.5600	0.08000	1.7327	0.22283	0.06551	16	-0.78	5%	0
003.06	Fat, Pet Ether (%)	0689	1.6000	0.00000	1.7327	0.22283	0.06551	16	-0.60	4%	0
003.06	Fat, Pet Ether (%)	0164	1.6550	0.01000	1.7327	0.22283	0.06551	16	-0.35	2%	0
003.06	Fat, Pet Ether (%)	0682	1.7000	0.00000	1.7327	0.22283	0.06551	16	-0.15	1%	0
003.06	Fat, Pet Ether (%)	0687	1.7150	0.17000	1.7327	0.22283	0.06551	16	-0.08	1%	0
003.06	Fat, Pet Ether (%)	0083	1.7600	0.12000	1.7327	0.22283	0.06551	16	0.12	1%	0
003.06	Fat, Pet Ether (%)	0552	1.8050	0.01000	1.7327	0.22283	0.06551	16	0.32	2%	0
003.06	Fat, Pet Ether (%)	0297	1.8250	0.03000	1.7327	0.22283	0.06551	16	0.41	3%	0
003.06	Fat, Pet Ether (%)	0849	1.8565	0.01300	1.7327	0.22283	0.06551	16	0.56	4%	0
003.06	Fat, Pet Ether (%)	0918	1.8700	0.06000	1.7327	0.22283	0.06551	16	0.62	4%	0
003.06	Fat, Pet Ether (%)	0511	1.9700	0.10000	1.7327	0.22283	0.06551	16	1.06	7%	0
003.06	Fat, Pet Ether (%)	0910	2.0200	0.16000	1.7327	0.22283	0.06551	16	1.29	8%	0
003.06	Fat, Pet Ether (%)	0300	2.0333	0.05310	1.7327	0.22283	0.06551	16	1.35	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0263	1.2966	0.02680	1.7426	0.30248	0.05550	21	-1.47	13%	0
003.09	Fat, Soxtec, Eth Ext (%)	0098	1.3400	0.18000	1.7426	0.30248	0.05550	21	-1.33	12%	0
003.09	Fat, Soxtec, Eth Ext (%)	2012	1.3750	0.01000	1.7426	0.30248	0.05550	21	-1.22	11%	0
003.09	Fat, Soxtec, Eth Ext (%)	0027	1.4145	0.01500	1.7426	0.30248	0.05550	21	-1.08	9%	0
003.09	Fat, Soxtec, Eth Ext (%)	0638	1.5000	0.00000	1.7426	0.30248	0.05550	21	-0.80	7%	0
003.09	Fat, Soxtec, Eth Ext (%)	0948	1.5750	0.01000	1.7426	0.30248	0.05550	21	-0.55	5%	0
003.09	Fat, Soxtec, Eth Ext (%)	0510	1.6000	0.00000	1.7426	0.30248	0.05550	21	-0.47	4%	0
003.09	Fat, Soxtec, Eth Ext (%)	2068	1.7250	0.01000	1.7426	0.30248	0.05550	21	-0.06	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0505	1.7450	0.05000	1.7426	0.30248	0.05550	21	0.01	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0674	1.7500	0.00000	1.7426	0.30248	0.05550	21	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.09	Fat, Soxtec, Eth Ext (%)	0675	1.7500	0.02000	1.7426	0.30248	0.05550	21	0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0685	1.7500	0.00000	1.7426	0.30248	0.05550	21	0.02	0%	0
003.09	Fat, Soxtec, Eth Ext (%)	0723	1.7800	0.00000	1.7426	0.30248	0.05550	21	0.12	1%	0
003.09	Fat, Soxtec, Eth Ext (%)	0038	1.8150	0.05000	1.7426	0.30248	0.05550	21	0.24	2%	0
003.09	Fat, Soxtec, Eth Ext (%)	0354	1.8350	0.09000	1.7426	0.30248	0.05550	21	0.31	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0004	1.8450	0.17000	1.7426	0.30248	0.05550	21	0.34	3%	0
003.09	Fat, Soxtec, Eth Ext (%)	0226	1.9500	0.10000	1.7426	0.30248	0.05550	21	0.69	6%	0
003.09	Fat, Soxtec, Eth Ext (%)	0353	2.0250	0.09000	1.7426	0.30248	0.05550	21	0.93	8%	0
003.09	Fat, Soxtec, Eth Ext (%)	0964	2.1315	0.32100	1.7426	0.30248	0.05550	21	1.29	11%	0
003.09	Fat, Soxtec, Eth Ext (%)	0722	2.3182	0.02260	1.7426	0.30248	0.05550	21	1.90	17%	0
003.09	Fat, Soxtec, Eth Ext (%)	0630	2.5900	0.00000	1.7426	0.30248	0.05550	21	2.80	24%	0
003.09	Fat, Soxtec, Eth Ext (%)	0590	2.5500	0.56000	1.7426	0.30248	0.05550	21	2.67	23%	1
003.10	Fat, Soxtec, Pet Ether (%)	0952	0.97500	0.01000	1.4750	0.31334	0.11790	26	-1.60	17%	0
003.10	Fat, Soxtec, Pet Ether (%)	0553	0.99500	0.35000	1.4750	0.31334	0.11790	26	-1.53	16%	0
003.10	Fat, Soxtec, Pet Ether (%)	0098	1.1050	0.07000	1.4750	0.31334	0.11790	26	-1.18	13%	0
003.10	Fat, Soxtec, Pet Ether (%)	0861	1.1750	0.01000	1.4750	0.31334	0.11790	26	-0.96	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0036	1.1931	0.02340	1.4750	0.31334	0.11790	26	-0.90	10%	0
003.10	Fat, Soxtec, Pet Ether (%)	0618	1.2170	0.02000	1.4750	0.31334	0.11790	26	-0.82	9%	0
003.10	Fat, Soxtec, Pet Ether (%)	0619	1.2650	0.09000	1.4750	0.31334	0.11790	26	-0.67	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	2073	1.2650	0.21000	1.4750	0.31334	0.11790	26	-0.67	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0609	1.2750	0.27000	1.4750	0.31334	0.11790	26	-0.64	7%	0
003.10	Fat, Soxtec, Pet Ether (%)	0878	1.3400	0.10000	1.4750	0.31334	0.11790	26	-0.43	5%	0
003.10	Fat, Soxtec, Pet Ether (%)	2155	1.3475	0.54900	1.4750	0.31334	0.11790	26	-0.41	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	0897	1.4550	0.01000	1.4750	0.31334	0.11790	26	-0.06	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0651	1.5000	0.09400	1.4750	0.31334	0.11790	26	0.08	1%	0
003.10	Fat, Soxtec, Pet Ether (%)	0693	1.5400	0.10000	1.4750	0.31334	0.11790	26	0.21	2%	0
003.10	Fat, Soxtec, Pet Ether (%)	0242	1.5500	0.00000	1.4750	0.31334	0.11790	26	0.24	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	2093	1.5591	0.00630	1.4750	0.31334	0.11790	26	0.27	3%	0
003.10	Fat, Soxtec, Pet Ether (%)	0100	1.6000	0.12000	1.4750	0.31334	0.11790	26	0.40	4%	0
003.10	Fat, Soxtec, Pet Ether (%)	2009	1.6474	0.04000	1.4750	0.31334	0.11790	26	0.55	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0366	1.6500	0.10000	1.4750	0.31334	0.11790	26	0.56	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0629	1.6500	0.04000	1.4750	0.31334	0.11790	26	0.56	6%	0
003.10	Fat, Soxtec, Pet Ether (%)	0689	1.7000	0.00000	1.4750	0.31334	0.11790	26	0.72	8%	0
003.10	Fat, Soxtec, Pet Ether (%)	0541	1.7900	0.44000	1.4750	0.31334	0.11790	26	1.01	11%	0
003.10	Fat, Soxtec, Pet Ether (%)	0676	1.8300	0.02000	1.4750	0.31334	0.11790	26	1.13	12%	0
003.10	Fat, Soxtec, Pet Ether (%)	0045	1.8650	0.29000	1.4750	0.31334	0.11790	26	1.24	13%	0
003.10	Fat, Soxtec, Pet Ether (%)	0889	1.9000	0.06000	1.4750	0.31334	0.11790	26	1.36	14%	0
003.10	Fat, Soxtec, Pet Ether (%)	0870	1.9201	0.04280	1.4750	0.31334	0.11790	26	1.42	15%	0
003.11	Fat, NIR (%)	2121	0.27000	0.04000	1.6761	1.0927	0.03115	8	-1.29	42%	0
003.11	Fat, NIR (%)	2120	0.31500	0.01000	1.6761	1.0927	0.03115	8	-1.25	41%	0
003.11	Fat, NIR (%)	0297	1.4250	0.01000	1.6761	1.0927	0.03115	8	-0.23	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.11	Fat, NIR (%)	2128	1.7287	0.04920	1.6761	1.0927	0.03115	8	0.05	2%	0
003.11	Fat, NIR (%)	0889	2.1350	0.01000	1.6761	1.0927	0.03115	8	0.42	14%	0
003.11	Fat, NIR (%)	0613	2.2200	0.02000	1.6761	1.0927	0.03115	8	0.50	16%	0
003.11	Fat, NIR (%)	0852	2.3650	0.01000	1.6761	1.0927	0.03115	8	0.63	21%	0
003.11	Fat, NIR (%)	2135	2.9500	0.10000	1.6761	1.0927	0.03115	8	1.17	38%	0
003.12	Fat, Hexane Ext (%)	0940	1.4200	0.20000	1.5600	0.12545	0.05600	5	-1.55	5%	0
003.12	Fat, Hexane Ext (%)	0903	1.4850	0.01000	1.5600	0.12545	0.05600	5	-0.97	3%	0
003.12	Fat, Hexane Ext (%)	0171	1.5200	0.06000	1.5600	0.12545	0.05600	5	-0.66	2%	0
003.12	Fat, Hexane Ext (%)	0895	1.6450	0.01000	1.5600	0.12545	0.05600	5	0.44	2%	0
003.12	Fat, Hexane Ext (%)	0893	1.7300	0.00000	1.5600	0.12545	0.05600	5	1.19	4%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0098	1.4200	0.10000	1.5874	0.20307	0.11383	6	-0.82	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0033	1.4350	0.05000	1.5874	0.20307	0.11383	6	-0.75	5%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0205	1.5125	0.02300	1.5874	0.20307	0.11383	6	-0.37	2%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2089	1.5750	0.13000	1.5874	0.20307	0.11383	6	-0.06	0%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	0208	1.6900	0.24000	1.5874	0.20307	0.11383	6	0.51	3%	0
003.13	Fat, Soxtec, Hexane Ext. (%)	2006	2.2600	0.14000	1.5874	0.20307	0.11383	6	3.31	21%	0
003.14	Fat, Ankom (%)	0108	1.3350	0.01000	1.7606	0.29424	0.09541	42	-1.45	12%	0
003.14	Fat, Ankom (%)	0520	1.4150	0.01000	1.7606	0.29424	0.09541	42	-1.17	10%	0
003.14	Fat, Ankom (%)	0581	1.4550	0.05000	1.7606	0.29424	0.09541	42	-1.04	9%	0
003.14	Fat, Ankom (%)	0848	1.4750	0.07000	1.7606	0.29424	0.09541	42	-0.97	8%	0
003.14	Fat, Ankom (%)	2129	1.4750	0.03000	1.7606	0.29424	0.09541	42	-0.97	8%	0
003.14	Fat, Ankom (%)	0144	1.4850	0.03000	1.7606	0.29424	0.09541	42	-0.94	8%	0
003.14	Fat, Ankom (%)	0968	1.4870	0.10600	1.7606	0.29424	0.09541	42	-0.93	8%	0
003.14	Fat, Ankom (%)	0202	1.4900	0.02000	1.7606	0.29424	0.09541	42	-0.92	8%	0
003.14	Fat, Ankom (%)	0066	1.5000	0.08000	1.7606	0.29424	0.09541	42	-0.89	7%	0
003.14	Fat, Ankom (%)	0019	1.5300	0.22000	1.7606	0.29424	0.09541	42	-0.78	7%	0
003.14	Fat, Ankom (%)	0229	1.5350	0.01000	1.7606	0.29424	0.09541	42	-0.77	6%	0
003.14	Fat, Ankom (%)	0912	1.5650	0.09000	1.7606	0.29424	0.09541	42	-0.66	6%	0
003.14	Fat, Ankom (%)	0009	1.5750	0.01000	1.7606	0.29424	0.09541	42	-0.63	5%	0
003.14	Fat, Ankom (%)	0358	1.5800	0.06000	1.7606	0.29424	0.09541	42	-0.61	5%	0
003.14	Fat, Ankom (%)	0037	1.5850	0.05000	1.7606	0.29424	0.09541	42	-0.60	5%	0
003.14	Fat, Ankom (%)	0574	1.5850	0.03000	1.7606	0.29424	0.09541	42	-0.60	5%	0
003.14	Fat, Ankom (%)	0529	1.5950	0.01000	1.7606	0.29424	0.09541	42	-0.56	5%	0
003.14	Fat, Ankom (%)	0175	1.6100	0.14000	1.7606	0.29424	0.09541	42	-0.51	4%	0
003.14	Fat, Ankom (%)	0186	1.6550	0.15000	1.7606	0.29424	0.09541	42	-0.36	3%	0
003.14	Fat, Ankom (%)	0089	1.7400	0.00000	1.7606	0.29424	0.09541	42	-0.07	1%	0
003.14	Fat, Ankom (%)	0692	1.7500	0.10000	1.7606	0.29424	0.09541	42	-0.04	0%	0
003.14	Fat, Ankom (%)	0015	1.7800	0.12000	1.7606	0.29424	0.09541	42	0.07	1%	0
003.14	Fat, Ankom (%)	0407	1.7964	0.00720	1.7606	0.29424	0.09541	42	0.12	1%	0
003.14	Fat, Ankom (%)	0034	1.8000	0.56000	1.7606	0.29424	0.09541	42	0.13	1%	0
003.14	Fat, Ankom (%)	0278	1.8000	0.00000	1.7606	0.29424	0.09541	42	0.13	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Ankom (%)	0956	1.8000	0.00000	1.7606	0.29424	0.09541	42	0.13	1%	0
003.14	Fat, Ankom (%)	0049	1.8150	0.13000	1.7606	0.29424	0.09541	42	0.18	2%	0
003.14	Fat, Ankom (%)	0004	1.8200	0.02000	1.7606	0.29424	0.09541	42	0.20	2%	0
003.14	Fat, Ankom (%)	0598	1.8250	0.09000	1.7606	0.29424	0.09541	42	0.22	2%	0
003.14	Fat, Ankom (%)	0357	1.9000	0.00000	1.7606	0.29424	0.09541	42	0.47	4%	0
003.14	Fat, Ankom (%)	0001	1.9060	0.04400	1.7606	0.29424	0.09541	42	0.49	4%	0
003.14	Fat, Ankom (%)	0613	1.9400	0.16000	1.7606	0.29424	0.09541	42	0.61	5%	0
003.14	Fat, Ankom (%)	0948	1.9400	0.04000	1.7606	0.29424	0.09541	42	0.61	5%	0
003.14	Fat, Ankom (%)	0683	2.0150	0.07000	1.7606	0.29424	0.09541	42	0.86	7%	0
003.14	Fat, Ankom (%)	0074	2.0200	0.26000	1.7606	0.29424	0.09541	42	0.88	7%	0
003.14	Fat, Ankom (%)	0619	2.1550	0.05000	1.7606	0.29424	0.09541	42	1.34	11%	0
003.14	Fat, Ankom (%)	0843	2.2150	0.33000	1.7606	0.29424	0.09541	42	1.54	13%	0
003.14	Fat, Ankom (%)	0726	2.2800	0.02000	1.7606	0.29424	0.09541	42	1.77	15%	0
003.14	Fat, Ankom (%)	0265	2.3350	0.39000	1.7606	0.29424	0.09541	42	1.95	16%	0
003.14	Fat, Ankom (%)	0190	2.4700	0.04000	1.7606	0.29424	0.09541	42	2.41	20%	0
003.14	Fat, Ankom (%)	0413	2.8500	0.10000	1.7606	0.29424	0.09541	42	3.70	31%	0
003.14	Fat, Ankom (%)	0876	3.2600	0.30000	1.7606	0.29424	0.09541	42	5.10	43%	0
003.14	Fat, Ankom (%)	0003	0.89000	1.0800	1.7606	0.29424	0.09541	42	-2.96	25%	1
003.99	Fat, Miscellaneous (%)	0536	1.7000	0.34000				3			0
003.99	Fat, Miscellaneous (%)	0047	1.9550	0.01000				3			0
003.99	Fat, Miscellaneous (%)	0941	2.0450	0.05000				3			0
003.99	Fat, Miscellaneous (%)	0880	1.4000	2.8000				3			4
004.00	Fiber, Crude, Asbestos Free (%)	0194	7.9250	0.03000	8.5168	0.48354	0.12146	14	-1.22	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0226	7.9500	0.10000	8.5168	0.48354	0.12146	14	-1.17	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0354	8.0500	0.06000	8.5168	0.48354	0.12146	14	-0.97	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2004	8.2100	0.08000	8.5168	0.48354	0.12146	14	-0.63	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	8.3000	0.20000	8.5168	0.48354	0.12146	14	-0.45	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	8.3985	0.00050	8.5168	0.48354	0.12146	14	-0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	8.4300	0.12000	8.5168	0.48354	0.12146	14	-0.18	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	8.4700	0.04000	8.5168	0.48354	0.12146	14	-0.10	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	8.6600	0.22000	8.5168	0.48354	0.12146	14	0.30	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0175	8.6700	0.12000	8.5168	0.48354	0.12146	14	0.32	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	8.7200	0.26000	8.5168	0.48354	0.12146	14	0.42	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0511	9.0500	0.10000	8.5168	0.48354	0.12146	14	1.10	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2073	9.1600	0.06000	8.5168	0.48354	0.12146	14	1.33	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	12.235	0.31000	8.5168	0.48354	0.12146	14	7.69	22%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	8.0900	1.5600	8.5168	0.48354	0.12146	14	-0.88	3%	1
004.01	Fiber, Sing Filt (%)	0366	9.1000	0.60000				1			0
004.03	Fiber, Fritted Glass (%)	2089	6.5400	0.08000	8.3460	1.6146	0.27600	5	-1.12	11%	0
004.03	Fiber, Fritted Glass (%)	0921	7.1950	0.31000	8.3460	1.6146	0.27600	5	-0.71	7%	0
004.03	Fiber, Fritted Glass (%)	0353	7.9350	0.11000	8.3460	1.6146	0.27600	5	-0.25	2%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.03	Fiber, Fritted Glass (%)	0045	10.010	0.78000	8.3460	1.6146	0.27600	5	1.03	10%	0
004.03	Fiber, Fritted Glass (%)	0693	10.050	0.10000	8.3460	1.6146	0.27600	5	1.06	10%	0
004.06	Fiber, Fibertec (%)	0893	6.9600	0.00000	8.4380	0.40371	0.10782	26	-3.66	9%	0
004.06	Fiber, Fibertec (%)	0609	7.1600	0.26000	8.4380	0.40371	0.10782	26	-3.17	8%	0
004.06	Fiber, Fibertec (%)	0590	7.7400	0.40000	8.4380	0.40371	0.10782	26	-1.73	4%	0
004.06	Fiber, Fibertec (%)	0885	8.0124	0.00640	8.4380	0.40371	0.10782	26	-1.05	3%	0
004.06	Fiber, Fibertec (%)	0903	8.0950	0.01000	8.4380	0.40371	0.10782	26	-0.85	2%	0
004.06	Fiber, Fibertec (%)	2006	8.1700	0.32000	8.4380	0.40371	0.10782	26	-0.66	2%	0
004.06	Fiber, Fibertec (%)	2068	8.2400	0.00000	8.4380	0.40371	0.10782	26	-0.49	1%	0
004.06	Fiber, Fibertec (%)	0878	8.2900	0.02000	8.4380	0.40371	0.10782	26	-0.37	1%	0
004.06	Fiber, Fibertec (%)	0895	8.3000	0.02000	8.4380	0.40371	0.10782	26	-0.34	1%	0
004.06	Fiber, Fibertec (%)	0035	8.3750	0.45000	8.4380	0.40371	0.10782	26	-0.16	0%	0
004.06	Fiber, Fibertec (%)	0897	8.3800	0.02000	8.4380	0.40371	0.10782	26	-0.14	0%	0
004.06	Fiber, Fibertec (%)	0027	8.4005	0.12100	8.4380	0.40371	0.10782	26	-0.09	0%	0
004.06	Fiber, Fibertec (%)	2093	8.4050	0.03000	8.4380	0.40371	0.10782	26	-0.08	0%	0
004.06	Fiber, Fibertec (%)	0098	8.4400	0.30000	8.4380	0.40371	0.10782	26	0.00	0%	0
004.06	Fiber, Fibertec (%)	0689	8.4500	0.10000	8.4380	0.40371	0.10782	26	0.03	0%	0
004.06	Fiber, Fibertec (%)	0675	8.4950	0.01000	8.4380	0.40371	0.10782	26	0.14	0%	0
004.06	Fiber, Fibertec (%)	0638	8.5000	0.00000	8.4380	0.40371	0.10782	26	0.15	0%	0
004.06	Fiber, Fibertec (%)	0941	8.5500	0.20000	8.4380	0.40371	0.10782	26	0.28	1%	0
004.06	Fiber, Fibertec (%)	2149	8.5600	0.10000	8.4380	0.40371	0.10782	26	0.30	1%	0
004.06	Fiber, Fibertec (%)	0674	8.6500	0.00000	8.4380	0.40371	0.10782	26	0.53	1%	0
004.06	Fiber, Fibertec (%)	0948	8.7500	0.08000	8.4380	0.40371	0.10782	26	0.77	2%	0
004.06	Fiber, Fibertec (%)	0723	8.8267	0.00000	8.4380	0.40371	0.10782	26	0.96	2%	0
004.06	Fiber, Fibertec (%)	0918	8.9000	0.14000	8.4380	0.40371	0.10782	26	1.14	3%	0
004.06	Fiber, Fibertec (%)	0964	9.0150	0.07000	8.4380	0.40371	0.10782	26	1.43	3%	0
004.06	Fiber, Fibertec (%)	0968	9.1830	0.04600	8.4380	0.40371	0.10782	26	1.85	4%	0
004.06	Fiber, Fibertec (%)	0952	9.8200	0.10000	8.4380	0.40371	0.10782	26	3.42	8%	0
004.06	Fiber, Fibertec (%)	0205	8.0450	0.63000	8.4380	0.40371	0.10782	26	-0.97	2%	1
004.07	Fiber, ANKOM (%)	2012	6.4100	0.50000	9.7886	1.5505	0.37135	64	-2.18	17%	0
004.07	Fiber, ANKOM (%)	0505	7.3600	0.10000	9.7886	1.5505	0.37135	64	-1.57	12%	0
004.07	Fiber, ANKOM (%)	0910	7.4500	0.30000	9.7886	1.5505	0.37135	64	-1.51	12%	0
004.07	Fiber, ANKOM (%)	0552	7.5600	0.40000	9.7886	1.5505	0.37135	64	-1.44	11%	0
004.07	Fiber, ANKOM (%)	0265	7.5900	0.22000	9.7886	1.5505	0.37135	64	-1.42	11%	0
004.07	Fiber, ANKOM (%)	0003	7.9650	0.53000	9.7886	1.5505	0.37135	64	-1.18	9%	0
004.07	Fiber, ANKOM (%)	0682	8.0000	0.00000	9.7886	1.5505	0.37135	64	-1.15	9%	0
004.07	Fiber, ANKOM (%)	0026	8.0500	0.10000	9.7886	1.5505	0.37135	64	-1.12	9%	0
004.07	Fiber, ANKOM (%)	0028	8.0500	0.10000	9.7886	1.5505	0.37135	64	-1.12	9%	0
004.07	Fiber, ANKOM (%)	0860	8.3500	0.10000	9.7886	1.5505	0.37135	64	-0.93	7%	0
004.07	Fiber, ANKOM (%)	0413	8.5000	0.60000	9.7886	1.5505	0.37135	64	-0.83	7%	0
004.07	Fiber, ANKOM (%)	0100	8.5200	0.72000	9.7886	1.5505	0.37135	64	-0.82	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0297	8.5450	0.41000	9.7886	1.5505	0.37135	64	-0.80	6%	0
004.07	Fiber, ANKOM (%)	0619	8.5500	0.30000	9.7886	1.5505	0.37135	64	-0.80	6%	0
004.07	Fiber, ANKOM (%)	0529	8.5650	0.05000	9.7886	1.5505	0.37135	64	-0.79	6%	0
004.07	Fiber, ANKOM (%)	0904	8.6800	0.38000	9.7886	1.5505	0.37135	64	-0.71	6%	0
004.07	Fiber, ANKOM (%)	0354	8.7100	0.10000	9.7886	1.5505	0.37135	64	-0.70	6%	0
004.07	Fiber, ANKOM (%)	0708	8.7150	0.03000	9.7886	1.5505	0.37135	64	-0.69	5%	0
004.07	Fiber, ANKOM (%)	0098	8.7700	0.68000	9.7886	1.5505	0.37135	64	-0.66	5%	0
004.07	Fiber, ANKOM (%)	0653	8.8600	0.40000	9.7886	1.5505	0.37135	64	-0.60	5%	0
004.07	Fiber, ANKOM (%)	2053	8.8600	0.08000	9.7886	1.5505	0.37135	64	-0.60	5%	0
004.07	Fiber, ANKOM (%)	0683	8.9300	0.12000	9.7886	1.5505	0.37135	64	-0.55	4%	0
004.07	Fiber, ANKOM (%)	0726	8.9500	0.30000	9.7886	1.5505	0.37135	64	-0.54	4%	0
004.07	Fiber, ANKOM (%)	0848	9.1000	0.02000	9.7886	1.5505	0.37135	64	-0.44	4%	0
004.07	Fiber, ANKOM (%)	0956	9.2000	0.20000	9.7886	1.5505	0.37135	64	-0.38	3%	0
004.07	Fiber, ANKOM (%)	0948	9.2550	0.13000	9.7886	1.5505	0.37135	64	-0.34	3%	0
004.07	Fiber, ANKOM (%)	0038	9.5300	0.34000	9.7886	1.5505	0.37135	64	-0.17	1%	0
004.07	Fiber, ANKOM (%)	0644	9.5760	0.00000	9.7886	1.5505	0.37135	64	-0.14	1%	0
004.07	Fiber, ANKOM (%)	0035	9.6650	0.41000	9.7886	1.5505	0.37135	64	-0.08	1%	0
004.07	Fiber, ANKOM (%)	2109	9.7050	0.29000	9.7886	1.5505	0.37135	64	-0.05	0%	0
004.07	Fiber, ANKOM (%)	0190	9.8000	0.40000	9.7886	1.5505	0.37135	64	0.01	0%	0
004.07	Fiber, ANKOM (%)	0870	9.8488	0.56310	9.7886	1.5505	0.37135	64	0.04	0%	0
004.07	Fiber, ANKOM (%)	0278	9.9000	0.20000	9.7886	1.5505	0.37135	64	0.07	1%	0
004.07	Fiber, ANKOM (%)	0034	9.9950	0.13000	9.7886	1.5505	0.37135	64	0.13	1%	0
004.07	Fiber, ANKOM (%)	0692	10.000	0.40000	9.7886	1.5505	0.37135	64	0.14	1%	0
004.07	Fiber, ANKOM (%)	0009	10.035	0.19000	9.7886	1.5505	0.37135	64	0.16	1%	0
004.07	Fiber, ANKOM (%)	0581	10.050	0.70000	9.7886	1.5505	0.37135	64	0.17	1%	0
004.07	Fiber, ANKOM (%)	0861	10.060	0.56000	9.7886	1.5505	0.37135	64	0.18	1%	0
004.07	Fiber, ANKOM (%)	0520	10.060	1.4800	9.7886	1.5505	0.37135	64	0.18	1%	0
004.07	Fiber, ANKOM (%)	0643	10.060	0.00000	9.7886	1.5505	0.37135	64	0.18	1%	0
004.07	Fiber, ANKOM (%)	0510	10.150	0.10000	9.7886	1.5505	0.37135	64	0.23	2%	0
004.07	Fiber, ANKOM (%)	0229	10.200	0.40000	9.7886	1.5505	0.37135	64	0.27	2%	0
004.07	Fiber, ANKOM (%)	0939	10.375	1.0900	9.7886	1.5505	0.37135	64	0.38	3%	0
004.07	Fiber, ANKOM (%)	0407	10.397	0.26250	9.7886	1.5505	0.37135	64	0.39	3%	0
004.07	Fiber, ANKOM (%)	2009	10.411	0.29550	9.7886	1.5505	0.37135	64	0.40	3%	0
004.07	Fiber, ANKOM (%)	0968	10.564	0.29800	9.7886	1.5505	0.37135	64	0.50	4%	0
004.07	Fiber, ANKOM (%)	0016	10.700	0.00000	9.7886	1.5505	0.37135	64	0.59	5%	0
004.07	Fiber, ANKOM (%)	0849	10.829	0.14200	9.7886	1.5505	0.37135	64	0.67	5%	0
004.07	Fiber, ANKOM (%)	0074	10.945	0.87000	9.7886	1.5505	0.37135	64	0.75	6%	0
004.07	Fiber, ANKOM (%)	0563	11.111	0.16210	9.7886	1.5505	0.37135	64	0.85	7%	0
004.07	Fiber, ANKOM (%)	0089	11.180	0.04000	9.7886	1.5505	0.37135	64	0.90	7%	0
004.07	Fiber, ANKOM (%)	0263	11.267	0.69320	9.7886	1.5505	0.37135	64	0.95	8%	0
004.07	Fiber, ANKOM (%)	0202	11.285	0.01000	9.7886	1.5505	0.37135	64	0.97	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, ANKOM (%)	0066	11.390	0.24000	9.7886	1.5505	0.37135	64	1.03	8%	0
004.07	Fiber, ANKOM (%)	0144	11.510	0.16000	9.7886	1.5505	0.37135	64	1.11	9%	0
004.07	Fiber, ANKOM (%)	0955	11.650	0.10000	9.7886	1.5505	0.37135	64	1.20	10%	0
004.07	Fiber, ANKOM (%)	0598	11.660	0.26000	9.7886	1.5505	0.37135	64	1.21	10%	0
004.07	Fiber, ANKOM (%)	0083	11.670	1.0200	9.7886	1.5505	0.37135	64	1.21	10%	0
004.07	Fiber, ANKOM (%)	0015	11.870	1.4200	9.7886	1.5505	0.37135	64	1.34	11%	0
004.07	Fiber, ANKOM (%)	0536	11.900	0.02000	9.7886	1.5505	0.37135	64	1.36	11%	0
004.07	Fiber, ANKOM (%)	0876	12.315	0.33000	9.7886	1.5505	0.37135	64	1.63	13%	0
004.07	Fiber, ANKOM (%)	0553	12.330	0.60000	9.7886	1.5505	0.37135	64	1.64	13%	0
004.07	Fiber, ANKOM (%)	0242	13.065	0.35000	9.7886	1.5505	0.37135	64	2.11	17%	0
004.07	Fiber, ANKOM (%)	0019	13.435	2.3700	9.7886	1.5505	0.37135	64	2.35	19%	0
004.07	Fiber, ANKOM (%)	0613	10.835	3.3300	9.7886	1.5505	0.37135	64	0.67	5%	1
004.07	Fiber, ANKOM (%)	0004	20.535	2.8500	9.7886	1.5505	0.37135	64	6.93	55%	2
004.11	Fiber, NIR (%)	2135	6.3000	0.00000	10.288	1.0672	0.17967	6	-3.74	19%	0
004.11	Fiber, NIR (%)	2121	10.095	0.03000	10.288	1.0672	0.17967	6	-0.18	1%	0
004.11	Fiber, NIR (%)	2120	10.230	0.30000	10.288	1.0672	0.17967	6	-0.05	0%	0
004.11	Fiber, NIR (%)	2128	10.382	0.23800	10.288	1.0672	0.17967	6	0.09	0%	0
004.11	Fiber, NIR (%)	0613	10.800	0.26000	10.288	1.0672	0.17967	6	0.48	2%	0
004.11	Fiber, NIR (%)	0852	11.535	0.25000	10.288	1.0672	0.17967	6	1.17	6%	0
004.11	Fiber, NIR (%)	0889	5.7800	9.1400	10.288	1.0672	0.17967	6	-4.22	22%	1
004.99	Fiber, Miscellaneous (%)	0629	8.2500	0.10000				2			0
004.99	Fiber, Miscellaneous (%)	0940	8.4500	0.70000				2			0
005.00	Ash, 2h @ 600°C (%)	0169	20.635	0.03000	26.012	0.59404	0.19947	88	-9.05	10%	0
005.00	Ash, 2h @ 600°C (%)	0539	20.815	0.43000	26.012	0.59404	0.19947	88	-8.75	10%	0
005.00	Ash, 2h @ 600°C (%)	0552	22.090	0.08000	26.012	0.59404	0.19947	88	-6.60	8%	0
005.00	Ash, 2h @ 600°C (%)	2073	23.200	0.42000	26.012	0.59404	0.19947	88	-4.73	5%	0
005.00	Ash, 2h @ 600°C (%)	0242	23.295	0.29000	26.012	0.59404	0.19947	88	-4.57	5%	0
005.00	Ash, 2h @ 600°C (%)	0511	23.425	0.01000	26.012	0.59404	0.19947	88	-4.35	5%	0
005.00	Ash, 2h @ 600°C (%)	0049	23.480	0.38000	26.012	0.59404	0.19947	88	-4.26	5%	0
005.00	Ash, 2h @ 600°C (%)	0278	23.710	0.22000	26.012	0.59404	0.19947	88	-3.87	4%	0
005.00	Ash, 2h @ 600°C (%)	0918	23.740	0.04000	26.012	0.59404	0.19947	88	-3.82	4%	0
005.00	Ash, 2h @ 600°C (%)	0598	24.115	0.49000	26.012	0.59404	0.19947	88	-3.19	4%	0
005.00	Ash, 2h @ 600°C (%)	0208	24.300	0.40000	26.012	0.59404	0.19947	88	-2.88	3%	0
005.00	Ash, 2h @ 600°C (%)	0142	24.435	0.49000	26.012	0.59404	0.19947	88	-2.65	3%	0
005.00	Ash, 2h @ 600°C (%)	2097	24.689	0.93190	26.012	0.59404	0.19947	88	-2.23	3%	0
005.00	Ash, 2h @ 600°C (%)	0693	24.950	0.70000	26.012	0.59404	0.19947	88	-1.79	2%	0
005.00	Ash, 2h @ 600°C (%)	0175	25.050	0.04000	26.012	0.59404	0.19947	88	-1.62	2%	0
005.00	Ash, 2h @ 600°C (%)	0194	25.100	0.02000	26.012	0.59404	0.19947	88	-1.53	2%	0
005.00	Ash, 2h @ 600°C (%)	2053	25.220	0.10000	26.012	0.59404	0.19947	88	-1.33	2%	0
005.00	Ash, 2h @ 600°C (%)	2066	25.350	0.30000	26.012	0.59404	0.19947	88	-1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0015	25.370	0.30000	26.012	0.59404	0.19947	88	-1.08	1%	0

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005.00	Ash, 2h @ 600°C (%)	0226	25.500	0.40000	26.012	0.59404	0.19947	88	-0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0139	25.605	0.51000	26.012	0.59404	0.19947	88	-0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0623	25.736	0.04300	26.012	0.59404	0.19947	88	-0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0026	25.785	0.03000	26.012	0.59404	0.19947	88	-0.38	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	25.800	0.00000	26.012	0.59404	0.19947	88	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	25.809	0.00000	26.012	0.59404	0.19947	88	-0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	25.846	0.15100	26.012	0.59404	0.19947	88	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	25.880	0.04000	26.012	0.59404	0.19947	88	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	25.900	0.00000	26.012	0.59404	0.19947	88	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	25.900	0.10000	26.012	0.59404	0.19947	88	-0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0164	25.935	0.35000	26.012	0.59404	0.19947	88	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	25.935	0.09000	26.012	0.59404	0.19947	88	-0.13	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	25.950	0.30000	26.012	0.59404	0.19947	88	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	25.955	0.03000	26.012	0.59404	0.19947	88	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	25.955	0.19000	26.012	0.59404	0.19947	88	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	25.975	0.09000	26.012	0.59404	0.19947	88	-0.06	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	25.985	0.05000	26.012	0.59404	0.19947	88	-0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0205	25.990	0.21200	26.012	0.59404	0.19947	88	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	26.018	0.17840	26.012	0.59404	0.19947	88	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	26.110	0.16000	26.012	0.59404	0.19947	88	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	26.130	0.34000	26.012	0.59404	0.19947	88	0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0674	26.140	0.00000	26.012	0.59404	0.19947	88	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	26.148	0.25810	26.012	0.59404	0.19947	88	0.23	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	26.160	0.12000	26.012	0.59404	0.19947	88	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	26.160	0.00000	26.012	0.59404	0.19947	88	0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	26.165	0.61000	26.012	0.59404	0.19947	88	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	26.170	0.04000	26.012	0.59404	0.19947	88	0.27	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	26.180	0.16000	26.012	0.59404	0.19947	88	0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	26.205	0.01000	26.012	0.59404	0.19947	88	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	26.205	0.57000	26.012	0.59404	0.19947	88	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0035	26.210	0.02000	26.012	0.59404	0.19947	88	0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	26.215	0.07000	26.012	0.59404	0.19947	88	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0653	26.230	0.46000	26.012	0.59404	0.19947	88	0.37	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	26.250	0.50000	26.012	0.59404	0.19947	88	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0620	26.279	0.10580	26.012	0.59404	0.19947	88	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	26.285	0.05000	26.012	0.59404	0.19947	88	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	26.300	0.20000	26.012	0.59404	0.19947	88	0.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	26.320	0.18000	26.012	0.59404	0.19947	88	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	26.330	0.10000	26.012	0.59404	0.19947	88	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	26.340	0.02000	26.012	0.59404	0.19947	88	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	26.345	0.07000	26.012	0.59404	0.19947	88	0.56	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0622	26.358	0.08050	26.012	0.59404	0.19947	88	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0108	26.360	0.16000	26.012	0.59404	0.19947	88	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0874	26.375	0.17000	26.012	0.59404	0.19947	88	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2012	26.385	0.59000	26.012	0.59404	0.19947	88	0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	26.405	0.05400	26.012	0.59404	0.19947	88	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0630	26.425	0.11000	26.012	0.59404	0.19947	88	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	26.440	0.36000	26.012	0.59404	0.19947	88	0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	26.450	0.08000	26.012	0.59404	0.19947	88	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	26.459	0.17600	26.012	0.59404	0.19947	88	0.75	1%	0
005.00	Ash, 2h @ 600°C (%)	0880	26.470	0.04000	26.012	0.59404	0.19947	88	0.77	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	26.477	0.04530	26.012	0.59404	0.19947	88	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	26.480	0.10000	26.012	0.59404	0.19947	88	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0265	26.480	0.32000	26.012	0.59404	0.19947	88	0.79	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	26.525	0.03000	26.012	0.59404	0.19947	88	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0852	26.525	0.09000	26.012	0.59404	0.19947	88	0.86	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	26.550	0.30000	26.012	0.59404	0.19947	88	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	26.550	0.10000	26.012	0.59404	0.19947	88	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	26.555	0.09000	26.012	0.59404	0.19947	88	0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0309	26.560	0.10000	26.012	0.59404	0.19947	88	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	26.600	0.60000	26.012	0.59404	0.19947	88	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0615	26.600	0.14000	26.012	0.59404	0.19947	88	0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	26.620	0.22000	26.012	0.59404	0.19947	88	1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	26.650	0.01730	26.012	0.59404	0.19947	88	1.07	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	26.655	0.21000	26.012	0.59404	0.19947	88	1.08	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	26.660	0.36000	26.012	0.59404	0.19947	88	1.09	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	26.710	0.05000	26.012	0.59404	0.19947	88	1.18	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	26.730	0.24000	26.012	0.59404	0.19947	88	1.21	1%	0
005.00	Ash, 2h @ 600°C (%)	0609	26.780	0.24000	26.012	0.59404	0.19947	88	1.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	24.950	1.3000	26.012	0.59404	0.19947	88	-1.79	2%	1
005.00	Ash, 2h @ 600°C (%)	0861	25.325	1.0300	26.012	0.59404	0.19947	88	-1.16	1%	1
005.02	Ash, LECO (%)	0644	26.420	0.06000				1			0
005.04	Ash, Acid insoluble (%)	0683	0.49500	0.01000				1			0
005.05	Ash, 3h @ 550°C (%)	0955	24.400	0.40000	26.361	0.34503	0.22286	33	-5.68	4%	0
005.05	Ash, 3h @ 550°C (%)	0638	25.280	0.08000	26.361	0.34503	0.22286	33	-3.13	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	25.350	0.50000	26.361	0.34503	0.22286	33	-2.93	2%	0
005.05	Ash, 3h @ 550°C (%)	0940	25.505	0.89000	26.361	0.34503	0.22286	33	-2.48	2%	0
005.05	Ash, 3h @ 550°C (%)	0038	25.860	1.1200	26.361	0.34503	0.22286	33	-1.45	1%	0
005.05	Ash, 3h @ 550°C (%)	0895	26.050	0.02000	26.361	0.34503	0.22286	33	-0.90	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	26.090	0.00000	26.361	0.34503	0.22286	33	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	26.090	0.39000	26.361	0.34503	0.22286	33	-0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	26.100	0.06000	26.361	0.34503	0.22286	33	-0.76	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0849	26.165	0.01000	26.361	0.34503	0.22286	33	-0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0904	26.215	0.39000	26.361	0.34503	0.22286	33	-0.42	0%	0
005.05	Ash, 3h @ 550°C (%)	0878	26.275	0.09000	26.361	0.34503	0.22286	33	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	0726	26.300	0.16000	26.361	0.34503	0.22286	33	-0.18	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	26.350	0.10000	26.361	0.34503	0.22286	33	-0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0066	26.370	0.14000	26.361	0.34503	0.22286	33	0.03	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	26.395	0.09000	26.361	0.34503	0.22286	33	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	0903	26.435	0.01000	26.361	0.34503	0.22286	33	0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	0190	26.450	0.22000	26.361	0.34503	0.22286	33	0.26	0%	0
005.05	Ash, 3h @ 550°C (%)	0897	26.485	0.01000	26.361	0.34503	0.22286	33	0.36	0%	0
005.05	Ash, 3h @ 550°C (%)	2093	26.490	0.06000	26.361	0.34503	0.22286	33	0.37	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	26.500	0.00000	26.361	0.34503	0.22286	33	0.40	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	26.516	0.00110	26.361	0.34503	0.22286	33	0.45	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	26.535	0.02340	26.361	0.34503	0.22286	33	0.50	0%	0
005.05	Ash, 3h @ 550°C (%)	2149	26.575	0.09000	26.361	0.34503	0.22286	33	0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0921	26.600	0.74000	26.361	0.34503	0.22286	33	0.69	0%	0
005.05	Ash, 3h @ 550°C (%)	0893	26.630	0.00000	26.361	0.34503	0.22286	33	0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	26.635	0.13000	26.361	0.34503	0.22286	33	0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0683	26.660	0.02000	26.361	0.34503	0.22286	33	0.87	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	26.665	0.05000	26.361	0.34503	0.22286	33	0.88	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	26.720	0.70000	26.361	0.34503	0.22286	33	1.04	1%	0
005.05	Ash, 3h @ 550°C (%)	0590	26.745	0.69000	26.361	0.34503	0.22286	33	1.11	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	26.780	0.04000	26.361	0.34503	0.22286	33	1.21	1%	0
005.05	Ash, 3h @ 550°C (%)	0685	26.865	0.13000	26.361	0.34503	0.22286	33	1.46	1%	0
005.05	Ash, 3h @ 550°C (%)	0003	27.400	1.6000	26.361	0.34503	0.22286	33	3.01	2%	1
005.11	Ash, NIR (%)	0852	8.8000	0.18000	20.603	12.267	0.28971	7	-0.96	29%	0
005.11	Ash, NIR (%)	2128	12.709	0.44800	20.603	12.267	0.28971	7	-0.64	19%	0
005.11	Ash, NIR (%)	0613	13.845	0.01000	20.603	12.267	0.28971	7	-0.55	16%	0
005.11	Ash, NIR (%)	0297	18.450	0.30000	20.603	12.267	0.28971	7	-0.18	5%	0
005.11	Ash, NIR (%)	0889	19.265	0.27000	20.603	12.267	0.28971	7	-0.11	3%	0
005.11	Ash, NIR (%)	2120	35.515	0.49000	20.603	12.267	0.28971	7	1.22	36%	0
005.11	Ash, NIR (%)	2121	35.635	0.33000	20.603	12.267	0.28971	7	1.23	36%	0
005.99	Ash, Miscellaneous (%)	0574	25.480	0.00000	26.322	0.39840	0.13727	11	-2.11	2%	0
005.99	Ash, Miscellaneous (%)	0860	25.900	0.00000	26.322	0.39840	0.13727	11	-1.06	1%	0
005.99	Ash, Miscellaneous (%)	0536	25.975	0.11000	26.322	0.39840	0.13727	11	-0.87	1%	0
005.99	Ash, Miscellaneous (%)	0728	26.125	0.05000	26.322	0.39840	0.13727	11	-0.49	0%	0
005.99	Ash, Miscellaneous (%)	0652	26.250	0.10000	26.322	0.39840	0.13727	11	-0.18	0%	0
005.99	Ash, Miscellaneous (%)	0202	26.430	0.02000	26.322	0.39840	0.13727	11	0.27	0%	0
005.99	Ash, Miscellaneous (%)	0676	26.510	0.32000	26.322	0.39840	0.13727	11	0.47	0%	0
005.99	Ash, Miscellaneous (%)	2004	26.550	0.10000	26.322	0.39840	0.13727	11	0.57	0%	0
005.99	Ash, Miscellaneous (%)	0629	26.575	0.27000	26.322	0.39840	0.13727	11	0.64	0%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
005.99	Ash, Miscellaneous (%)	0613	26.700	0.34000	26.322	0.39840	0.13727	11	0.95	1%	0
005.99	Ash, Miscellaneous (%)	0910	26.800	0.20000	26.322	0.39840	0.13727	11	1.20	1%	0
006.00	Total sugars, As sucrose (%)	0910	5.4000	0.02000				2			0
006.00	Total sugars, As sucrose (%)	0921	29.740	0.00000				2			0
006.01	Total sugars, Mod. Fehling Soln (%)	0407	6.9600	0.00000				1			0
006.99	Total sugars, Miscellaneous (%)	0956	6.3000	0.40000				1			0
008.02	Fiber, Acid Detergent (%)	0405	9.5050	0.01000	11.469	0.54031	0.33463	17	-3.64	9%	0
008.02	Fiber, Acid Detergent (%)	0590	9.8500	0.10000	11.469	0.54031	0.33463	17	-3.00	7%	0
008.02	Fiber, Acid Detergent (%)	0208	10.850	0.90000	11.469	0.54031	0.33463	17	-1.15	3%	0
008.02	Fiber, Acid Detergent (%)	0689	10.950	0.10000	11.469	0.54031	0.33463	17	-0.96	2%	0
008.02	Fiber, Acid Detergent (%)	0948	11.270	0.22000	11.469	0.54031	0.33463	17	-0.37	1%	0
008.02	Fiber, Acid Detergent (%)	0939	11.330	0.28000	11.469	0.54031	0.33463	17	-0.26	1%	0
008.02	Fiber, Acid Detergent (%)	0675	11.370	0.24000	11.469	0.54031	0.33463	17	-0.18	0%	0
008.02	Fiber, Acid Detergent (%)	0353	11.510	0.42000	11.469	0.54031	0.33463	17	0.08	0%	0
008.02	Fiber, Acid Detergent (%)	0345	11.550	0.30000	11.469	0.54031	0.33463	17	0.15	0%	0
008.02	Fiber, Acid Detergent (%)	0728	11.615	0.55000	11.469	0.54031	0.33463	17	0.27	1%	0
008.02	Fiber, Acid Detergent (%)	0504	11.635	1.0900	11.469	0.54031	0.33463	17	0.31	1%	0
008.02	Fiber, Acid Detergent (%)	0226	11.700	0.20000	11.469	0.54031	0.33463	17	0.43	1%	0
008.02	Fiber, Acid Detergent (%)	0098	11.740	0.42000	11.469	0.54031	0.33463	17	0.50	1%	0
008.02	Fiber, Acid Detergent (%)	0148	11.820	0.04000	11.469	0.54031	0.33463	17	0.65	2%	0
008.02	Fiber, Acid Detergent (%)	0309	11.913	0.10170	11.469	0.54031	0.33463	17	0.82	2%	0
008.02	Fiber, Acid Detergent (%)	0609	12.130	0.06000	11.469	0.54031	0.33463	17	1.22	3%	0
008.02	Fiber, Acid Detergent (%)	0964	13.119	0.65700	11.469	0.54031	0.33463	17	3.05	7%	0
008.05	Fiber, Acid Detergent-Hach (%)	0265	11.650	0.10000				1			0
008.08	Fiber, Acid Detergent, ANKOM (%)	2012	8.5950	0.11000	11.614	1.1422	0.39579	41	-2.64	13%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0653	9.8350	0.29000	11.614	1.1422	0.39579	41	-1.56	8%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0848	10.005	0.29000	11.614	1.1422	0.39579	41	-1.41	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0066	10.155	0.17000	11.614	1.1422	0.39579	41	-1.28	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0035	10.180	0.10000	11.614	1.1422	0.39579	41	-1.26	6%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2004	10.450	0.10000	11.614	1.1422	0.39579	41	-1.02	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0889	10.470	0.34000	11.614	1.1422	0.39579	41	-1.00	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0357	10.650	0.30000	11.614	1.1422	0.39579	41	-0.84	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0297	10.700	1.0000	11.614	1.1422	0.39579	41	-0.80	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0354	10.915	0.19000	11.614	1.1422	0.39579	41	-0.61	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0049	10.945	1.7300	11.614	1.1422	0.39579	41	-0.59	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0413	11.000	0.20000	11.614	1.1422	0.39579	41	-0.54	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0904	11.045	0.29000	11.614	1.1422	0.39579	41	-0.50	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0033	11.050	0.10000	11.614	1.1422	0.39579	41	-0.49	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0366	11.150	0.30000	11.614	1.1422	0.39579	41	-0.41	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0358	11.205	0.01000	11.614	1.1422	0.39579	41	-0.36	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0956	11.350	0.70000	11.614	1.1422	0.39579	41	-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	
008.08	Fiber, Acid Detergent, ANKOM (%)	0581	11.380	0.10000	11.614	1.1422	0.39579	41	-0.21	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0529	11.395	0.13000	11.614	1.1422	0.39579	41	-0.19	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0870	11.515	0.28750	11.614	1.1422	0.39579	41	-0.09	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0861	11.630	0.48000	11.614	1.1422	0.39579	41	0.01	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0968	11.651	0.05500	11.614	1.1422	0.39579	41	0.03	0%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0263	11.737	0.06000	11.614	1.1422	0.39579	41	0.11	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0083	11.790	0.42000	11.614	1.1422	0.39579	41	0.15	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0164	11.800	0.20000	11.614	1.1422	0.39579	41	0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0693	11.800	0.20000	11.614	1.1422	0.39579	41	0.16	1%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0001	11.995	0.43000	11.614	1.1422	0.39579	41	0.33	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0015	12.040	1.1400	11.614	1.1422	0.39579	41	0.37	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0278	12.050	0.70000	11.614	1.1422	0.39579	41	0.38	2%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0190	12.340	0.62000	11.614	1.1422	0.39579	41	0.64	3%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0918	12.464	0.13500	11.614	1.1422	0.39579	41	0.74	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0045	12.550	0.70000	11.614	1.1422	0.39579	41	0.82	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0037	12.575	0.21000	11.614	1.1422	0.39579	41	0.84	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0726	12.585	0.05000	11.614	1.1422	0.39579	41	0.85	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0148	12.620	0.42000	11.614	1.1422	0.39579	41	0.88	4%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0026	12.765	0.57000	11.614	1.1422	0.39579	41	1.01	5%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0619	13.155	0.17000	11.614	1.1422	0.39579	41	1.35	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0510	13.300	0.20000	11.614	1.1422	0.39579	41	1.48	7%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	2129	13.890	1.2600	11.614	1.1422	0.39579	41	1.99	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0407	13.964	0.82970	11.614	1.1422	0.39579	41	2.06	10%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0536	15.090	0.64000	11.614	1.1422	0.39579	41	3.04	15%	0
008.08	Fiber, Acid Detergent, ANKOM (%)	0613	11.850	2.3400	11.614	1.1422	0.39579	41	0.21	1%	1
008.08	Fiber, Acid Detergent, ANKOM (%)	0004	22.630	0.26000	11.614	1.1422	0.39579	41	9.64	47%	2
008.99	Fiber, Acid Detergent Miscellaneous (%)	0723	10.030	0.00000	11.448	1.0631	0.11600	5	-1.33	6%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0613	11.295	0.13000	11.448	1.0631	0.11600	5	-0.14	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0511	11.300	0.00000	11.448	1.0631	0.11600	5	-0.14	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0941	11.605	0.35000	11.448	1.0631	0.11600	5	0.15	1%	0
008.99	Fiber, Acid Detergent Miscellaneous (%)	0035	13.010	0.10000	11.448	1.0631	0.11600	5	1.47	7%	0
009.04	Fiber, Neutral Det-No ENZ Pretreat (%)	0504	20.020	0.12000				1			0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0353	18.785	0.25000	20.785	1.5404	0.21194	10	-1.30	5%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0910	19.450	0.30000	20.785	1.5404	0.21194	10	-0.87	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0098	19.600	0.00000	20.785	1.5404	0.21194	10	-0.77	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0345	20.020	0.40000	20.785	1.5404	0.21194	10	-0.50	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0309	20.630	0.38940	20.785	1.5404	0.21194	10	-0.10	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0675	20.720	0.20000	20.785	1.5404	0.21194	10	-0.04	0%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0208	21.650	0.30000	20.785	1.5404	0.21194	10	0.56	2%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0226	21.900	0.20000	20.785	1.5404	0.21194	10	0.72	3%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0689	22.000	0.00000	20.785	1.5404	0.21194	10	0.79	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0609	24.250	0.08000	20.785	1.5404	0.21194	10	2.25	8%	0
009.07	Fiber, Neutral Det-ENZ Pretreat (%)	0590	20.100	1.2000	20.785	1.5404	0.21194	10	-0.44	2%	1
009.09	Fiber, Neutral Detergent, ANKOM (%)	0015	17.600	0.88000	20.549	1.4175	0.68678	41	-2.08	7%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2004	18.400	0.80000	20.549	1.4175	0.68678	41	-1.52	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0148	18.450	0.36000	20.549	1.4175	0.68678	41	-1.48	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0049	18.555	0.55000	20.549	1.4175	0.68678	41	-1.41	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0598	18.620	0.62000	20.549	1.4175	0.68678	41	-1.36	5%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2012	19.030	0.08000	20.549	1.4175	0.68678	41	-1.07	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0164	19.100	0.40000	20.549	1.4175	0.68678	41	-1.02	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0889	19.275	0.41000	20.549	1.4175	0.68678	41	-0.90	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0861	19.440	1.3800	20.549	1.4175	0.68678	41	-0.78	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0001	19.715	0.73000	20.549	1.4175	0.68678	41	-0.59	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0693	19.750	0.10000	20.549	1.4175	0.68678	41	-0.56	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0870	19.843	1.2473	20.549	1.4175	0.68678	41	-0.50	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0939	19.975	1.2500	20.549	1.4175	0.68678	41	-0.40	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0407	19.983	0.05530	20.549	1.4175	0.68678	41	-0.40	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0357	20.000	0.40000	20.549	1.4175	0.68678	41	-0.39	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0581	20.050	0.40000	20.549	1.4175	0.68678	41	-0.35	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0358	20.090	0.40000	20.549	1.4175	0.68678	41	-0.32	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0948	20.185	0.75000	20.549	1.4175	0.68678	41	-0.26	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0263	20.311	0.15250	20.549	1.4175	0.68678	41	-0.17	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0904	20.415	0.67000	20.549	1.4175	0.68678	41	-0.09	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0354	20.520	0.74000	20.549	1.4175	0.68678	41	-0.02	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0066	20.535	0.21000	20.549	1.4175	0.68678	41	-0.01	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	2129	20.620	0.88000	20.549	1.4175	0.68678	41	0.05	0%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0190	21.000	1.4000	20.549	1.4175	0.68678	41	0.32	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0083	21.105	1.0500	20.549	1.4175	0.68678	41	0.39	1%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0510	21.200	0.60000	20.549	1.4175	0.68678	41	0.46	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0918	21.342	0.42300	20.549	1.4175	0.68678	41	0.56	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0045	21.350	0.30000	20.549	1.4175	0.68678	41	0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0366	21.350	0.50000	20.549	1.4175	0.68678	41	0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0413	21.350	0.90000	20.549	1.4175	0.68678	41	0.57	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0613	21.490	2.4000	20.549	1.4175	0.68678	41	0.66	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0037	21.535	0.11000	20.549	1.4175	0.68678	41	0.70	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0848	21.540	1.1200	20.549	1.4175	0.68678	41	0.70	2%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0278	21.600	0.40000	20.549	1.4175	0.68678	41	0.74	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0726	21.650	0.06000	20.549	1.4175	0.68678	41	0.78	3%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0536	22.085	0.63000	20.549	1.4175	0.68678	41	1.08	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0297	22.230	0.50000	20.549	1.4175	0.68678	41	1.19	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0265	22.350	0.70000	20.549	1.4175	0.68678	41	1.27	4%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0653	22.735	0.55000	20.549	1.4175	0.68678	41	1.54	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, ANKOM (%)	0619	24.150	0.90000	20.549	1.4175	0.68678	41	2.54	9%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0968	25.528	2.1500	20.549	1.4175	0.68678	41	3.51	12%	0
009.09	Fiber, Neutral Detergent, ANKOM (%)	0956	22.850	6.3000	20.549	1.4175	0.68678	41	1.62	6%	1
009.99	Fiber, Neutral Det Miscellaneous (%)	0889	19.275	0.41000	21.066	1.3474	0.64800	5	-1.10	4%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0728	20.015	0.45000	21.066	1.3474	0.64800	5	-0.56	2%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0723	21.601	0.00000	21.066	1.3474	0.64800	5	0.61	2%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0941	22.205	0.05000	21.066	1.3474	0.64800	5	1.05	3%	0
009.99	Fiber, Neutral Det Miscellaneous (%)	0613	22.235	2.3300	21.066	1.3474	0.64800	5	1.07	4%	0
010.03	Moisture, Karl-Fischer (%)	0843	5.8900	0.50000				3			0
010.03	Moisture, Karl-Fischer (%)	0208	6.4650	0.03000				3			0
010.03	Moisture, Karl-Fischer (%)	0164	6.6150	0.27000				3			0
010.11	Moisture, NIR (%)	2120	6.1100	0.06000	7.2221	1.0407	0.07052	5	-1.07	8%	0
010.11	Moisture, NIR (%)	2121	6.2200	0.04000	7.2221	1.0407	0.07052	5	-0.96	7%	0
010.11	Moisture, NIR (%)	0889	7.2950	0.07000	7.2221	1.0407	0.07052	5	0.07	1%	0
010.11	Moisture, NIR (%)	0852	8.2050	0.13000	7.2221	1.0407	0.07052	5	0.94	7%	0
010.11	Moisture, NIR (%)	2128	8.2803	0.05260	7.2221	1.0407	0.07052	5	1.02	7%	0
010.99	Moisture, Miscellaneous (%)	0692	6.6000	0.40000	7.0752	0.36226	0.10530	15	-1.31	3%	0
010.99	Moisture, Miscellaneous (%)	0952	6.6850	0.01000	7.0752	0.36226	0.10530	15	-1.08	3%	0
010.99	Moisture, Miscellaneous (%)	0948	6.7600	0.10000	7.0752	0.36226	0.10530	15	-0.87	2%	0
010.99	Moisture, Miscellaneous (%)	0917	6.8500	0.10000	7.0752	0.36226	0.10530	15	-0.62	2%	0
010.99	Moisture, Miscellaneous (%)	2004	6.8550	0.03000	7.0752	0.36226	0.10530	15	-0.61	2%	0
010.99	Moisture, Miscellaneous (%)	2129	6.9300	0.18000	7.0752	0.36226	0.10530	15	-0.40	1%	0
010.99	Moisture, Miscellaneous (%)	0190	6.9400	0.06000	7.0752	0.36226	0.10530	15	-0.37	1%	0
010.99	Moisture, Miscellaneous (%)	2150	7.0450	0.19000	7.0752	0.36226	0.10530	15	-0.08	0%	0
010.99	Moisture, Miscellaneous (%)	2089	7.0650	0.01000	7.0752	0.36226	0.10530	15	-0.03	0%	0
010.99	Moisture, Miscellaneous (%)	0722	7.1662	0.08950	7.0752	0.36226	0.10530	15	0.25	1%	0
010.99	Moisture, Miscellaneous (%)	0939	7.2500	0.14000	7.0752	0.36226	0.10530	15	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0921	7.3200	0.20000	7.0752	0.36226	0.10530	15	0.68	2%	0
010.99	Moisture, Miscellaneous (%)	0726	7.4250	0.03000	7.0752	0.36226	0.10530	15	0.97	2%	0
010.99	Moisture, Miscellaneous (%)	2127	8.1900	0.02000	7.0752	0.36226	0.10530	15	3.08	8%	0
010.99	Moisture, Miscellaneous (%)	0405	10.720	0.02000	7.0752	0.36226	0.10530	15	10.06	26%	0
011.01	Loss on Drying, 135°C 2hr (%)	0345	6.5050	0.03000	8.1111	0.42091	0.11782	64	-3.82	10%	0
011.01	Loss on Drying, 135°C 2hr (%)	0874	6.7600	0.06000	8.1111	0.42091	0.11782	64	-3.21	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0563	6.8383	0.04340	8.1111	0.42091	0.11782	64	-3.02	8%	0
011.01	Loss on Drying, 135°C 2hr (%)	0520	7.1000	0.04000	8.1111	0.42091	0.11782	64	-2.40	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0175	7.1500	0.10000	8.1111	0.42091	0.11782	64	-2.28	6%	0
011.01	Loss on Drying, 135°C 2hr (%)	0574	7.3950	0.03000	8.1111	0.42091	0.11782	64	-1.70	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0643	7.5000	0.00000	8.1111	0.42091	0.11782	64	-1.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0860	7.5000	0.20000	8.1111	0.42091	0.11782	64	-1.45	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0953	7.6400	0.38000	8.1111	0.42091	0.11782	64	-1.12	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0880	7.6855	0.41100	8.1111	0.42091	0.11782	64	-1.01	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	
011.01	Loss on Drying, 135°C 2hr (%)	2097	7.7163	0.00860	8.1111	0.42091	0.11782	64	-0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0598	7.7250	0.27000	8.1111	0.42091	0.11782	64	-0.92	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0675	7.7900	0.08000	8.1111	0.42091	0.11782	64	-0.76	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0674	7.8200	0.00000	8.1111	0.42091	0.11782	64	-0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0226	7.8300	0.02000	8.1111	0.42091	0.11782	64	-0.67	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0651	7.8480	0.03400	8.1111	0.42091	0.11782	64	-0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0033	7.8500	0.10000	8.1111	0.42091	0.11782	64	-0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0622	7.8513	0.03580	8.1111	0.42091	0.11782	64	-0.62	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0870	7.8538	0.25010	8.1111	0.42091	0.11782	64	-0.61	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0100	7.8600	0.04000	8.1111	0.42091	0.11782	64	-0.60	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0685	7.8800	0.04000	8.1111	0.42091	0.11782	64	-0.55	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0066	7.9650	0.07000	8.1111	0.42091	0.11782	64	-0.35	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0722	7.9964	0.14590	8.1111	0.42091	0.11782	64	-0.27	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0510	8.0000	0.00000	8.1111	0.42091	0.11782	64	-0.26	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0653	8.0250	0.07000	8.1111	0.42091	0.11782	64	-0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0407	8.0380	0.00810	8.1111	0.42091	0.11782	64	-0.17	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0354	8.0600	0.04000	8.1111	0.42091	0.11782	64	-0.12	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	2031	8.0706	0.08430	8.1111	0.42091	0.11782	64	-0.10	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0208	8.0850	0.27000	8.1111	0.42091	0.11782	64	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0848	8.0850	0.19000	8.1111	0.42091	0.11782	64	-0.06	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0164	8.0950	0.11000	8.1111	0.42091	0.11782	64	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0202	8.0950	0.11000	8.1111	0.42091	0.11782	64	-0.04	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0723	8.1180	0.00000	8.1111	0.42091	0.11782	64	0.02	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0194	8.1650	0.03000	8.1111	0.42091	0.11782	64	0.13	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0263	8.1875	0.01500	8.1111	0.42091	0.11782	64	0.18	0%	0
011.01	Loss on Drying, 135°C 2hr (%)	0026	8.1950	0.03000	8.1111	0.42091	0.11782	64	0.20	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0144	8.2100	0.02000	8.1111	0.42091	0.11782	64	0.24	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0859	8.2300	0.13200	8.1111	0.42091	0.11782	64	0.28	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0968	8.2395	0.05700	8.1111	0.42091	0.11782	64	0.31	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0229	8.2700	0.00000	8.1111	0.42091	0.11782	64	0.38	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0682	8.2800	0.00000	8.1111	0.42091	0.11782	64	0.40	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0620	8.2948	0.14600	8.1111	0.42091	0.11782	64	0.44	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	2006	8.3100	0.32000	8.1111	0.42091	0.11782	64	0.47	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0047	8.3250	0.11000	8.1111	0.42091	0.11782	64	0.51	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0148	8.3300	0.08000	8.1111	0.42091	0.11782	64	0.52	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0098	8.3400	0.04000	8.1111	0.42091	0.11782	64	0.54	1%	0
011.01	Loss on Drying, 135°C 2hr (%)	0876	8.3650	0.03000	8.1111	0.42091	0.11782	64	0.60	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0242	8.3800	0.10000	8.1111	0.42091	0.11782	64	0.64	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0265	8.4000	0.40000	8.1111	0.42091	0.11782	64	0.69	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0511	8.4050	0.07000	8.1111	0.42091	0.11782	64	0.70	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0171	8.4100	0.02000	8.1111	0.42091	0.11782	64	0.71	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 (%)	0205	8.4120	0.17800	8.1111	0.42091	0.11782	64	0.71	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0553	8.4800	0.12000	8.1111	0.42091	0.11782	64	0.88	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0541	8.4900	0.26000	8.1111	0.42091	0.11782	64	0.90	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	2073	8.5050	0.31000	8.1111	0.42091	0.11782	64	0.94	2%	0
011.01	Loss on Drying, 135°C 2hr (%)	0623	8.5235	0.14100	8.1111	0.42091	0.11782	64	0.98	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	2068	8.5800	0.08000	8.1111	0.42091	0.11782	64	1.11	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0552	8.6000	0.50000	8.1111	0.42091	0.11782	64	1.16	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0589	8.6400	0.24000	8.1111	0.42091	0.11782	64	1.26	3%	0
011.01	Loss on Drying, 135°C 2hr (%)	0358	8.7100	0.04000	8.1111	0.42091	0.11782	64	1.42	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0108	8.7450	0.39000	8.1111	0.42091	0.11782	64	1.51	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0539	8.7700	0.14000	8.1111	0.42091	0.11782	64	1.57	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0861	8.8300	0.08000	8.1111	0.42091	0.11782	64	1.71	4%	0
011.01	Loss on Drying, 135°C 2hr (%)	0309	8.8450	0.19000	8.1111	0.42091	0.11782	64	1.74	5%	0
011.01	Loss on Drying, 135°C 2hr (%)	0536	6.8950	0.75000	8.1111	0.42091	0.11782	64	-2.89	7%	1
011.02	Loss on Drying, 130°C for 2 hours (%)	0942	7.8050	0.11000				2			0
011.02	Loss on Drying, 130°C for 2 hours (%)	0843	8.6800	0.06000				2			0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	2076	7.1500	0.34000	7.8413	0.90137	0.20250	4	-0.77	4%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0541	7.3650	0.27000	7.8413	0.90137	0.20250	4	-0.53	3%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0857	7.7000	0.20000	7.8413	0.90137	0.20250	4	-0.16	1%	0
011.99	Loss on Drying, High Temp. Methods Miscellaneous	0852	9.1500	0.00000	7.8413	0.90137	0.20250	4	1.45	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	2.8000	0.00000	5.4443	1.2028	0.10534	11	-2.20	24%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	4.3500	0.10000	5.4443	1.2028	0.10534	11	-0.91	10%	0
012.00	Starch, Polarimetric (Ewers) (%)	0638	4.6000	0.00000	5.4443	1.2028	0.10534	11	-0.70	8%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	4.9300	0.12000	5.4443	1.2028	0.10534	11	-0.43	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	0683	5.0450	0.13000	5.4443	1.2028	0.10534	11	-0.33	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	5.5400	0.22000	5.4443	1.2028	0.10534	11	0.08	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	5.7060	0.00000	5.4443	1.2028	0.10534	11	0.22	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	5.9500	0.30000	5.4443	1.2028	0.10534	11	0.42	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	6.1950	0.09000	5.4443	1.2028	0.10534	11	0.62	7%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	6.7064	0.08870	5.4443	1.2028	0.10534	11	1.05	12%	0
012.00	Starch, Polarimetric (Ewers) (%)	0552	7.2250	0.11000	5.4443	1.2028	0.10534	11	1.48	16%	0
012.00	Starch, Polarimetric (Ewers) (%)	0609	0.00000	0.00000	5.4443	1.2028	0.10534	11			4
012.01	Starch, Megazyme (%)	0918	3.5965	0.18500	5.2592	1.1094	0.17829	10	-1.50	16%	0
012.01	Starch, Megazyme (%)	0693	4.4100	0.22000	5.2592	1.1094	0.17829	10	-0.77	8%	0
012.01	Starch, Megazyme (%)	0045	4.9650	0.01000	5.2592	1.1094	0.17829	10	-0.27	3%	0
012.01	Starch, Megazyme (%)	0676	5.0800	0.20000	5.2592	1.1094	0.17829	10	-0.16	2%	0
012.01	Starch, Megazyme (%)	0956	5.1000	0.20000	5.2592	1.1094	0.17829	10	-0.14	2%	0
012.01	Starch, Megazyme (%)	0870	5.1004	0.06790	5.2592	1.1094	0.17829	10	-0.14	2%	0
012.01	Starch, Megazyme (%)	2004	5.2050	0.35000	5.2592	1.1094	0.17829	10	-0.05	1%	0
012.01	Starch, Megazyme (%)	0613	5.4850	0.25000	5.2592	1.1094	0.17829	10	0.20	2%	0
012.01	Starch, Megazyme (%)	0164	6.8000	0.20000	5.2592	1.1094	0.17829	10	1.39	15%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
012.01	Starch, Megazyme (%)	0265	6.8500	0.10000	5.2592	1.1094	0.17829	10	1.43	15%	0
012.02	Starch, Colorimetric (GOP) (%)	2089	7.0050	0.21000				1			0
012.03	Starch, Enzymatic (%)	0885	3.9251	0.36210	5.0800	0.63651	0.15702	6	-1.81	11%	0
012.03	Starch, Enzymatic (%)	0297	4.9650	0.17000	5.0800	0.63651	0.15702	6	-0.18	1%	0
012.03	Starch, Enzymatic (%)	0098	5.0150	0.19000	5.0800	0.63651	0.15702	6	-0.10	1%	0
012.03	Starch, Enzymatic (%)	0148	5.1300	0.18000	5.0800	0.63651	0.15702	6	0.08	0%	0
012.03	Starch, Enzymatic (%)	0407	5.2100	0.02000	5.0800	0.63651	0.15702	6	0.20	1%	0
012.03	Starch, Enzymatic (%)	0889	7.6300	0.02000	5.0800	0.63651	0.15702	6	4.01	25%	0
012.04	Starch, YSI Analyzer (%)	0353	4.8450	0.77000	5.3338	0.68229	0.34250	4	-0.72	5%	0
012.04	Starch, YSI Analyzer (%)	0510	5.0000	0.20000	5.3338	0.68229	0.34250	4	-0.49	3%	0
012.04	Starch, YSI Analyzer (%)	0278	5.1500	0.30000	5.3338	0.68229	0.34250	4	-0.27	2%	0
012.04	Starch, YSI Analyzer (%)	0948	6.3400	0.10000	5.3338	0.68229	0.34250	4	1.47	9%	0
012.11	Starch, NIR (%)	0297	2.9150	0.25000	7.2251	3.7125	0.26248	4	-1.16	30%	0
012.11	Starch, NIR (%)	0889	6.3750	0.59000	7.2251	3.7125	0.26248	4	-0.23	6%	0
012.11	Starch, NIR (%)	2128	7.7155	0.11990	7.2251	3.7125	0.26248	4	0.13	3%	0
012.11	Starch, NIR (%)	0613	11.895	0.09000	7.2251	3.7125	0.26248	4	1.26	32%	0
012.99	Starch, Miscellaneous (%)	2068	19.760	0.16000				1			0
013.00	Fat, Acid hydrolysis (%)	0689	1.8000	0.00000	2.6804	0.59985	0.08040	16	-1.47	16%	0
013.00	Fat, Acid hydrolysis (%)	0083	1.9250	0.11000	2.6804	0.59985	0.08040	16	-1.26	14%	0
013.00	Fat, Acid hydrolysis (%)	0242	2.0150	0.19000	2.6804	0.59985	0.08040	16	-1.11	12%	0
013.00	Fat, Acid hydrolysis (%)	0948	2.3600	0.02000	2.6804	0.59985	0.08040	16	-0.53	6%	0
013.00	Fat, Acid hydrolysis (%)	2004	2.4000	0.00000	2.6804	0.59985	0.08040	16	-0.47	5%	0
013.00	Fat, Acid hydrolysis (%)	0297	2.4250	0.13000	2.6804	0.59985	0.08040	16	-0.43	5%	0
013.00	Fat, Acid hydrolysis (%)	0504	2.5850	0.25000	2.6804	0.59985	0.08040	16	-0.16	2%	0
013.00	Fat, Acid hydrolysis (%)	0541	2.6500	0.00000	2.6804	0.59985	0.08040	16	-0.05	1%	0
013.00	Fat, Acid hydrolysis (%)	0652	2.6500	0.10000	2.6804	0.59985	0.08040	16	-0.05	1%	0
013.00	Fat, Acid hydrolysis (%)	0910	2.7350	0.01000	2.6804	0.59985	0.08040	16	0.09	1%	0
013.00	Fat, Acid hydrolysis (%)	2057	2.9800	0.04000	2.6804	0.59985	0.08040	16	0.50	6%	0
013.00	Fat, Acid hydrolysis (%)	0139	2.9800	0.02000	2.6804	0.59985	0.08040	16	0.50	6%	0
013.00	Fat, Acid hydrolysis (%)	0229	3.0550	0.19000	2.6804	0.59985	0.08040	16	0.62	7%	0
013.00	Fat, Acid hydrolysis (%)	0309	3.2012	0.01640	2.6804	0.59985	0.08040	16	0.87	10%	0
013.00	Fat, Acid hydrolysis (%)	0202	3.5450	0.01000	2.6804	0.59985	0.08040	16	1.44	16%	0
013.00	Fat, Acid hydrolysis (%)	2076	3.7400	0.20000	2.6804	0.59985	0.08040	16	1.77	20%	0
013.00	Fat, Acid hydrolysis (%)	0615	3.4650	0.53000	2.6804	0.59985	0.08040	16	1.31	15%	1
013.02	Fat, Mojonnier, Bak Ext (%)	0676	1.4000	0.06000	3.1684	0.30190	0.12384	18	-5.86	28%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0098	2.5750	0.19000	3.1684	0.30190	0.12384	18	-1.97	9%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0148	2.7700	0.04000	3.1684	0.30190	0.12384	18	-1.32	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2073	2.9800	0.24000	3.1684	0.30190	0.12384	18	-0.62	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0675	3.0450	0.47000	3.1684	0.30190	0.12384	18	-0.41	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0208	3.0600	0.14000	3.1684	0.30190	0.12384	18	-0.36	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	2150	3.1250	0.13000	3.1684	0.30190	0.12384	18	-0.14	1%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
013.02	Fat, Mojonnier, Bak Ext (%)	0164	3.1350	0.09000	3.1684	0.30190	0.12384	18	-0.11	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0171	3.1500	0.14000	3.1684	0.30190	0.12384	18	-0.06	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0354	3.1850	0.01000	3.1684	0.30190	0.12384	18	0.05	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0921	3.1950	0.21000	3.1684	0.30190	0.12384	18	0.09	0%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0016	3.2300	0.06000	3.1684	0.30190	0.12384	18	0.20	1%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0874	3.3000	0.02000	3.1684	0.30190	0.12384	18	0.44	2%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0643	3.3350	0.19000	3.1684	0.30190	0.12384	18	0.55	3%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0870	3.4305	0.07910	3.1684	0.30190	0.12384	18	0.87	4%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0100	3.4950	0.13000	3.1684	0.30190	0.12384	18	1.08	5%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0682	3.5500	0.00000	3.1684	0.30190	0.12384	18	1.26	6%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0861	3.6150	0.03000	3.1684	0.30190	0.12384	18	1.48	7%	0
013.02	Fat, Mojonnier, Bak Ext (%)	0553	3.3050	0.75000	3.1684	0.30190	0.12384	18	0.45	2%	1
013.08	Fat, Roese-Gottlieb Modified (%)	0618	3.4000	0.20000				1			0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0036	1.6014	0.80530	2.4703	0.69849	0.47633	4	-1.24	18%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0610	2.3400	0.02000	2.4703	0.69849	0.47633	4	-0.19	3%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	2006	2.6600	0.28000	2.4703	0.69849	0.47633	4	0.27	4%	0
013.10	Fat, Soxtec-Acid Hydrolysis (%)	0353	3.2800	0.80000	2.4703	0.69849	0.47633	4	1.16	16%	0
013.12	Fat, NIR- Acid Hydrolysis (%)	2128	2.0534	0.04500				1			0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0027	1.6002	0.30750	2.3524	0.79024	0.31342	6	-0.95	16%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0968	1.8615	0.12300	2.3524	0.79024	0.31342	6	-0.62	10%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0904	2.0150	0.09000	2.3524	0.79024	0.31342	6	-0.43	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0843	2.4400	0.50000	2.3524	0.79024	0.31342	6	0.11	2%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0581	2.6600	0.26000	2.3524	0.79024	0.31342	6	0.39	7%	0
013.13	Fat, Ankom- Acid Hydrolysis (%)	0265	3.6000	0.60000	2.3524	0.79024	0.31342	6	1.58	27%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0049	291.52	27.200	330.38	31.196	9.3000	4	-2.43	8%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0520	319.00	4.0000	330.38	31.196	9.3000	4	-1.14	4%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0164	352.50	3.0000	330.38	31.196	9.3000	4	0.43	1%	0
015.41	Aluminum, ICP, Dry ash (mg / kg (ppm))	0171	358.50	3.0000	330.38	31.196	9.3000	4	0.71	2%	0
015.42	Aluminum, ICP, Open vessel (mg / kg (ppm))	0560	288.50	7.0000				1			0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0918	203.07	2.1914	267.65	44.481	6.1702	7	-1.45	12%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0510	226.00	4.0000	267.65	44.481	6.1702	7	-0.94	8%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0297	263.50	19.000	267.65	44.481	6.1702	7	-0.09	1%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0169	281.50	1.0000	267.65	44.481	6.1702	7	0.31	3%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0345	297.50	5.0000	267.65	44.481	6.1702	7	0.67	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0032	300.00	8.0000	267.65	44.481	6.1702	7	0.73	6%	0
015.43	Aluminum, ICP, Microwave (mg / kg (ppm))	0353	302.00	4.0000	267.65	44.481	6.1702	7	0.77	6%	0
015.52	Aluminum, ICP-MS, Open vessel (mg / kg (ppm))	0186	141.00	10.000				1			0
015.53	Aluminum, ICP-MS, Microwave (mg / kg (ppm))	0553	380.00	14.000				1			0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0226	13.550	0.00000	15.684	1.4304	0.75750	4	-15.52	9%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0049	16.235	1.3300	15.684	1.4304	0.75750	4	-0.87	0%	0
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0229	16.355	0.99000	15.684	1.4304	0.75750	4	-0.22	0%	0

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Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
017.41	Boron, ICP, Dry ash (mg / kg (ppm))	0358	16.595	0.71000	15.684	1.4304	0.75750	4	1.09	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0693	15.100	0.00000	15.536	0.34846	0.20250	4	-1.25	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	2053	15.420	0.46000	15.536	0.34846	0.20250	4	-0.33	0%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0045	15.750	0.30000	15.536	0.34846	0.20250	4	0.61	1%	0
017.42	Boron, ICP, Open vessel (mg / kg (ppm))	0560	15.875	0.05000	15.536	0.34846	0.20250	4	0.97	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0345	14.450	0.70000	15.597	1.0460	1.1380	5	-1.10	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0297	14.500	1.0000	15.597	1.0460	1.1380	5	-1.05	4%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0510	16.000	0.00000	15.597	1.0460	1.1380	5	0.39	1%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0353	16.500	3.0000	15.597	1.0460	1.1380	5	0.86	3%	0
017.43	Boron, ICP, Microwave (mg / kg (ppm))	0918	16.535	0.99000	15.597	1.0460	1.1380	5	0.90	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0897	4.9400	0.00000	6.7516	0.26203	0.04424	13	-6.91	13%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0194	5.9850	0.01000	6.7516	0.26203	0.04424	13	-2.93	6%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0623	6.5525	0.12900	6.7516	0.26203	0.04424	13	-0.76	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2093	6.6250	0.01000	6.7516	0.26203	0.04424	13	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0895	6.6700	0.02000	6.7516	0.26203	0.04424	13	-0.31	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	6.7240	0.05600	6.7516	0.26203	0.04424	13	-0.11	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0903	6.7850	0.01000	6.7516	0.26203	0.04424	13	0.13	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	6.8255	0.03300	6.7516	0.26203	0.04424	13	0.28	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0683	6.9000	0.20000	6.7516	0.26203	0.04424	13	0.57	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0622	6.9429	0.00340	6.7516	0.26203	0.04424	13	0.73	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0893	6.9700	0.00000	6.7516	0.26203	0.04424	13	0.83	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0651	7.0050	0.05000	6.7516	0.26203	0.04424	13	0.97	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0620	7.0543	0.05370	6.7516	0.26203	0.04424	13	1.15	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	0552	6.7150	0.51000	6.7516	0.26203	0.04424	13	-0.14	0%	1
019.02	Calcium, Hach Method (%)	0536	6.7500	0.08000				1			0
019.03	Calcium, Semiauto (Autoanalyzer) (%)	0036	7.1514	0.02840				1			0
019.08	Calcium, EDTA (%)	0885	6.5792	0.15060	6.8520	0.18898	0.04261	7	-1.44	2%	0
019.08	Calcium, EDTA (%)	0590	6.6700	0.08000	6.8520	0.18898	0.04261	7	-0.96	1%	0
019.08	Calcium, EDTA (%)	0629	6.8600	0.00000	6.8520	0.18898	0.04261	7	0.04	0%	0
019.08	Calcium, EDTA (%)	0849	6.9015	0.02300	6.8520	0.18898	0.04261	7	0.26	0%	0
019.08	Calcium, EDTA (%)	0940	6.9400	0.02000	6.8520	0.18898	0.04261	7	0.47	1%	0
019.08	Calcium, EDTA (%)	0689	6.9850	0.01000	6.8520	0.18898	0.04261	7	0.70	1%	0
019.08	Calcium, EDTA (%)	2009	7.0285	0.01470	6.8520	0.18898	0.04261	7	0.93	1%	0
019.09	Calcium, Ion-selective electrode (%)	2006	6.7150	0.45000				1			0
019.31	Calcium, AAS, Dry ash (%)	0529	6.0150	0.19000	6.9098	0.29961	0.09402	26	-2.99	6%	0
019.31	Calcium, AAS, Dry ash (%)	0175	6.3500	0.14000	6.9098	0.29961	0.09402	26	-1.87	4%	0
019.31	Calcium, AAS, Dry ash (%)	0001	6.3920	0.00200	6.9098	0.29961	0.09402	26	-1.73	4%	0
019.31	Calcium, AAS, Dry ash (%)	0948	6.5225	0.05100	6.9098	0.29961	0.09402	26	-1.29	3%	0
019.31	Calcium, AAS, Dry ash (%)	0874	6.5500	0.14000	6.9098	0.29961	0.09402	26	-1.20	3%	0
019.31	Calcium, AAS, Dry ash (%)	0208	6.7525	0.16100	6.9098	0.29961	0.09402	26	-0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0038	6.7650	0.11000	6.9098	0.29961	0.09402	26	-0.48	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.31	Calcium, AAS, Dry ash (%)	0653	6.7705	0.05700	6.9098	0.29961	0.09402	26	-0.47	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	6.8380	0.01600	6.9098	0.29961	0.09402	26	-0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0354	6.8800	0.00000	6.9098	0.29961	0.09402	26	-0.10	0%	0
019.31	Calcium, AAS, Dry ash (%)	0563	6.9000	0.02000	6.9098	0.29961	0.09402	26	-0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0674	6.9000	0.00000	6.9098	0.29961	0.09402	26	-0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0687	6.9150	0.17000	6.9098	0.29961	0.09402	26	0.02	0%	0
019.31	Calcium, AAS, Dry ash (%)	0904	6.9300	0.18000	6.9098	0.29961	0.09402	26	0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	6.9650	0.05000	6.9098	0.29961	0.09402	26	0.18	0%	0
019.31	Calcium, AAS, Dry ash (%)	0142	6.9807	0.04060	6.9098	0.29961	0.09402	26	0.24	1%	0
019.31	Calcium, AAS, Dry ash (%)	0505	7.0150	0.03000	6.9098	0.29961	0.09402	26	0.35	1%	0
019.31	Calcium, AAS, Dry ash (%)	0723	7.0181	0.00000	6.9098	0.29961	0.09402	26	0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0689	7.0250	0.01000	6.9098	0.29961	0.09402	26	0.38	1%	0
019.31	Calcium, AAS, Dry ash (%)	0722	7.0690	0.12090	6.9098	0.29961	0.09402	26	0.53	1%	0
019.31	Calcium, AAS, Dry ash (%)	0066	7.1800	0.16000	6.9098	0.29961	0.09402	26	0.90	2%	0
019.31	Calcium, AAS, Dry ash (%)	0014	7.1850	0.21000	6.9098	0.29961	0.09402	26	0.92	2%	0
019.31	Calcium, AAS, Dry ash (%)	0878	7.1850	0.01000	6.9098	0.29961	0.09402	26	0.92	2%	0
019.31	Calcium, AAS, Dry ash (%)	0108	7.2100	0.26000	6.9098	0.29961	0.09402	26	1.00	2%	0
019.31	Calcium, AAS, Dry ash (%)	2097	7.3810	0.10600	6.9098	0.29961	0.09402	26	1.57	3%	0
019.31	Calcium, AAS, Dry ash (%)	0921	7.3950	0.21000	6.9098	0.29961	0.09402	26	1.62	4%	0
019.32	Calcium, AAS, Open vessel (%)	0263	6.0385	0.07300	7.0554	0.87926	0.08833	6	-1.16	7%	0
019.32	Calcium, AAS, Open vessel (%)	0035	6.6950	0.03000	7.0554	0.87926	0.08833	6	-0.41	3%	0
019.32	Calcium, AAS, Open vessel (%)	0612	6.8550	0.11000	7.0554	0.87926	0.08833	6	-0.23	1%	0
019.32	Calcium, AAS, Open vessel (%)	0504	7.0645	0.16700	7.0554	0.87926	0.08833	6	0.01	0%	0
019.32	Calcium, AAS, Open vessel (%)	0169	7.3050	0.07000	7.0554	0.87926	0.08833	6	0.28	2%	0
019.32	Calcium, AAS, Open vessel (%)	0609	8.9300	0.08000	7.0554	0.87926	0.08833	6	2.13	13%	0
019.33	Calcium, AAS, Microwave (%)	0035	6.6950	0.11000				3			0
019.33	Calcium, AAS, Microwave (%)	0504	7.0490	0.12000				3			0
019.33	Calcium, AAS, Microwave (%)	0010	7.2500	0.10000				3			0
019.41	Calcium, ICP, Dry ash (%)	0511	6.3400	0.64000	6.8818	0.34306	0.16521	24	-1.58	4%	0
019.41	Calcium, ICP, Dry ash (%)	0598	6.4595	0.05900	6.8818	0.34306	0.16521	24	-1.23	3%	0
019.41	Calcium, ICP, Dry ash (%)	0848	6.5000	0.04000	6.8818	0.34306	0.16521	24	-1.11	3%	0
019.41	Calcium, ICP, Dry ash (%)	0144	6.5250	0.11000	6.8818	0.34306	0.16521	24	-1.04	3%	0
019.41	Calcium, ICP, Dry ash (%)	0098	6.5600	0.24000	6.8818	0.34306	0.16521	24	-0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	6.5700	0.12000	6.8818	0.34306	0.16521	24	-0.91	2%	0
019.41	Calcium, ICP, Dry ash (%)	2012	6.6650	0.05000	6.8818	0.34306	0.16521	24	-0.63	2%	0
019.41	Calcium, ICP, Dry ash (%)	0019	6.7650	0.15000	6.8818	0.34306	0.16521	24	-0.34	1%	0
019.41	Calcium, ICP, Dry ash (%)	0208	6.7680	0.67400	6.8818	0.34306	0.16521	24	-0.33	1%	0
019.41	Calcium, ICP, Dry ash (%)	0619	6.7800	0.06000	6.8818	0.34306	0.16521	24	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0413	6.8000	0.20000	6.8818	0.34306	0.16521	24	-0.24	1%	0
019.41	Calcium, ICP, Dry ash (%)	0164	6.8250	0.05000	6.8818	0.34306	0.16521	24	-0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	6.9100	0.28000	6.8818	0.34306	0.16521	24	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0910	6.9250	0.23000	6.8818	0.34306	0.16521	24	0.13	0%	0
019.41	Calcium, ICP, Dry ash (%)	0229	6.9330	0.00000	6.8818	0.34306	0.16521	24	0.15	0%	0
019.41	Calcium, ICP, Dry ash (%)	0148	7.0250	0.07000	6.8818	0.34306	0.16521	24	0.42	1%	0
019.41	Calcium, ICP, Dry ash (%)	0074	7.0700	0.16000	6.8818	0.34306	0.16521	24	0.55	1%	0
019.41	Calcium, ICP, Dry ash (%)	0139	7.1020	0.03000	6.8818	0.34306	0.16521	24	0.64	2%	0
019.41	Calcium, ICP, Dry ash (%)	0520	7.1150	0.15000	6.8818	0.34306	0.16521	24	0.68	2%	0
019.41	Calcium, ICP, Dry ash (%)	0049	7.1500	0.20000	6.8818	0.34306	0.16521	24	0.78	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	7.1900	0.20000	6.8818	0.34306	0.16521	24	0.90	2%	0
019.41	Calcium, ICP, Dry ash (%)	0003	7.3650	0.19000	6.8818	0.34306	0.16521	24	1.41	4%	0
019.41	Calcium, ICP, Dry ash (%)	0407	7.9752	0.05700	6.8818	0.34306	0.16521	24	3.19	8%	0
019.41	Calcium, ICP, Dry ash (%)	0405	9.2365	0.00500	6.8818	0.34306	0.16521	24	6.86	17%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.4600	0.02000	6.9954	0.60397	0.19199	21	-9.16	40%	0
019.42	Calcium, ICP, Open vessel (%)	0042	6.0150	0.33000	6.9954	0.60397	0.19199	21	-1.62	7%	0
019.42	Calcium, ICP, Open vessel (%)	0205	6.3365	0.18500	6.9954	0.60397	0.19199	21	-1.09	5%	0
019.42	Calcium, ICP, Open vessel (%)	0357	6.4043	0.09490	6.9954	0.60397	0.19199	21	-0.98	4%	0
019.42	Calcium, ICP, Open vessel (%)	0037	6.6350	0.05000	6.9954	0.60397	0.19199	21	-0.60	3%	0
019.42	Calcium, ICP, Open vessel (%)	0035	6.6750	0.07000	6.9954	0.60397	0.19199	21	-0.53	2%	0
019.42	Calcium, ICP, Open vessel (%)	0278	6.7700	0.02000	6.9954	0.60397	0.19199	21	-0.37	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	6.7925	0.25700	6.9954	0.60397	0.19199	21	-0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0693	6.8250	0.03000	6.9954	0.60397	0.19199	21	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0186	6.9500	0.30000	6.9954	0.60397	0.19199	21	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	2129	7.0600	0.18000	6.9954	0.60397	0.19199	21	0.11	0%	0
019.42	Calcium, ICP, Open vessel (%)	0366	7.1000	0.42000	6.9954	0.60397	0.19199	21	0.17	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	7.1250	0.15000	6.9954	0.60397	0.19199	21	0.21	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	7.1550	0.01000	6.9954	0.60397	0.19199	21	0.26	1%	0
019.42	Calcium, ICP, Open vessel (%)	0560	7.1819	0.12070	6.9954	0.60397	0.19199	21	0.31	1%	0
019.42	Calcium, ICP, Open vessel (%)	0009	7.2038	0.27910	6.9954	0.60397	0.19199	21	0.35	1%	0
019.42	Calcium, ICP, Open vessel (%)	0265	7.2800	0.38000	6.9954	0.60397	0.19199	21	0.47	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	7.6450	0.47000	6.9954	0.60397	0.19199	21	1.08	5%	0
019.42	Calcium, ICP, Open vessel (%)	2053	7.8250	0.41000	6.9954	0.60397	0.19199	21	1.37	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	7.8585	0.02500	6.9954	0.60397	0.19199	21	1.43	6%	0
019.42	Calcium, ICP, Open vessel (%)	0613	8.7150	0.23000	6.9954	0.60397	0.19199	21	2.85	12%	0
019.43	Calcium, ICP, Microwave (%)	0510	6.1550	0.13000	6.7251	0.40535	0.20499	26	-1.41	4%	0
019.43	Calcium, ICP, Microwave (%)	0875	6.2400	0.44000	6.7251	0.40535	0.20499	26	-1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0675	6.2500	0.02000	6.7251	0.40535	0.20499	26	-1.17	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	6.2550	0.35000	6.7251	0.40535	0.20499	26	-1.16	3%	0
019.43	Calcium, ICP, Microwave (%)	0018	6.2900	0.54000	6.7251	0.40535	0.20499	26	-1.07	3%	0
019.43	Calcium, ICP, Microwave (%)	0610	6.3050	0.07000	6.7251	0.40535	0.20499	26	-1.04	3%	0
019.43	Calcium, ICP, Microwave (%)	0353	6.3600	0.10000	6.7251	0.40535	0.20499	26	-0.90	3%	0
019.43	Calcium, ICP, Microwave (%)	0345	6.3950	0.09000	6.7251	0.40535	0.20499	26	-0.81	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	6.5400	0.64000	6.7251	0.40535	0.20499	26	-0.46	1%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0033	6.5650	0.39000	6.7251	0.40535	0.20499	26	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	6.7020	0.06970	6.7251	0.40535	0.20499	26	-0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	6.7510	0.42220	6.7251	0.40535	0.20499	26	0.06	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	6.7700	0.10000	6.7251	0.40535	0.20499	26	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0028	6.7850	0.03000	6.7251	0.40535	0.20499	26	0.15	0%	0
019.43	Calcium, ICP, Microwave (%)	0035	6.8150	0.27000	6.7251	0.40535	0.20499	26	0.22	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	6.8400	0.00000	6.7251	0.40535	0.20499	26	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	6.8500	0.38000	6.7251	0.40535	0.20499	26	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	6.9150	0.07000	6.7251	0.40535	0.20499	26	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	6.9250	0.01000	6.7251	0.40535	0.20499	26	0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0027	7.0270	0.10400	6.7251	0.40535	0.20499	26	0.74	2%	0
019.43	Calcium, ICP, Microwave (%)	0034	7.0784	0.35180	6.7251	0.40535	0.20499	26	0.87	3%	0
019.43	Calcium, ICP, Microwave (%)	0006	7.1175	0.04700	6.7251	0.40535	0.20499	26	0.97	3%	0
019.43	Calcium, ICP, Microwave (%)	0918	7.1740	0.29000	6.7251	0.40535	0.20499	26	1.11	3%	0
019.43	Calcium, ICP, Microwave (%)	0861	7.2100	0.26000	6.7251	0.40535	0.20499	26	1.20	4%	0
019.43	Calcium, ICP, Microwave (%)	0968	7.2375	0.01500	6.7251	0.40535	0.20499	26	1.26	4%	0
019.43	Calcium, ICP, Microwave (%)	0083	7.3000	0.14000	6.7251	0.40535	0.20499	26	1.42	4%	0
019.43	Calcium, ICP, Microwave (%)	0032	6.7350	1.2300	6.7251	0.40535	0.20499	26	0.02	0%	1
019.44	Calcium, ICP, Dry ash (%)	0955	5.9650	0.49000				2			0
019.44	Calcium, ICP, Dry ash (%)	2004	6.4600	0.16000				2			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	6.4118	0.08180				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	6.8900	0.17000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	6.9650	0.05000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0572	6.7250	0.07000				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0553	7.6850	0.21000				2			0
019.99	Calcium, Miscellaneous (%)	0242	6.7550	0.11000				3			0
019.99	Calcium, Miscellaneous (%)	0100	7.2250	0.27000				3			0
019.99	Calcium, Miscellaneous (%)	0676	7.3825	0.26300				3			0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0208	11.600	0.40000	12.669	1.5539	1.5425	4	-0.68	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0164	11.700	0.40000	12.669	1.5539	1.5425	4	-0.47	1%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0939	12.445	0.11000	12.669	1.5539	1.5425	4	1.15	2%	0
021.31	Cobalt, AAS, Dry ash (mg / kg (ppm))	0904	14.930	5.2600	12.669	1.5539	1.5425	4	6.53	13%	0
021.32	Cobalt, AAS, Open vessel (mg / kg (ppm))	0366	10.500	1.4000				1			0
021.41	Cobalt, ICP, Dry ash (mg / kg (ppm))	0619	6.7400	0.06000				1			0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0186	6.0000	2.0000	9.1440	2.0142	0.48800	5	-3.46	20%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0045	8.9500	0.30000	9.1440	2.0142	0.48800	5	-0.86	5%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0693	8.9750	0.05000	9.1440	2.0142	0.48800	5	-0.84	5%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	2053	10.645	0.09000	9.1440	2.0142	0.48800	5	0.63	4%	0
021.42	Cobalt, ICP, Open vessel (mg / kg (ppm))	0560	11.150	0.00000	9.1440	2.0142	0.48800	5	1.07	6%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0675	7.5450	0.33000	10.536	2.1450	0.46223	9	-1.39	14%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0345	8.1400	0.10000	10.536	2.1450	0.46223	9	-1.12	11%	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	
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0875	9.4500	0.50000	10.536	2.1450	0.46223	9	-0.51	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0510	9.8700	0.14000	10.536	2.1450	0.46223	9	-0.31	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0169	11.100	0.00000	10.536	2.1450	0.46223	9	0.26	3%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0038	11.500	1.0000	10.536	2.1450	0.46223	9	0.45	5%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0964	11.984	1.0831	10.536	2.1450	0.46223	9	0.67	7%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0027	12.239	0.60700	10.536	2.1450	0.46223	9	0.79	8%	0
021.43	Cobalt, ICP, Microwave (mg / kg (ppm))	0032	13.000	0.40000	10.536	2.1450	0.46223	9	1.15	12%	0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0047	8.9400	0.52000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0910	9.7900	0.62000				3			0
021.52	Cobalt, ICP-MS, Open vessel (mg / kg (ppm))	0186	10.150	0.30000				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0098	9.1855	0.41900				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0918	9.8976	1.0096				3			0
021.53	Cobalt, ICP-MS, Microwave (mg / kg (ppm))	0553	13.450	0.70000				3			0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0529	422.32	18.130	483.85	21.280	6.1533	15	-2.89	6%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0939	462.12	11.190	483.85	21.280	6.1533	15	-1.02	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0629	467.50	5.0000	483.85	21.280	6.1533	15	-0.77	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0689	468.85	1.9000	483.85	21.280	6.1533	15	-0.70	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0354	472.95	3.4700	483.85	21.280	6.1533	15	-0.51	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0563	477.75	9.6600	483.85	21.280	6.1533	15	-0.29	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0723	481.00	0.00000	483.85	21.280	6.1533	15	-0.13	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0505	481.50	3.0000	483.85	21.280	6.1533	15	-0.11	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0066	484.78	8.6600	483.85	21.280	6.1533	15	0.04	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0175	485.00	6.0000	483.85	21.280	6.1533	15	0.05	0%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0878	490.00	4.0000	483.85	21.280	6.1533	15	0.29	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0208	495.00	6.0000	483.85	21.280	6.1533	15	0.52	1%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0849	507.82	15.240	483.85	21.280	6.1533	15	1.13	2%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0921	516.80	0.00000	483.85	21.280	6.1533	15	1.55	3%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0904	526.45	0.05000	483.85	21.280	6.1533	15	2.00	4%	0
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	2149	500.82	31.820	483.85	21.280	6.1533	15	0.80	2%	1
022.31	Copper, AAS, Dry ash (mg / kg (ppm))	0536	43.690	0.48000	483.85	21.280	6.1533	15	-20.68	45%	2
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	2128	179.09	2.7160	448.03	152.15	8.4432	5	-12.46	33%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0504	493.05	11.500	448.03	152.15	8.4432	5	-0.82	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0609	498.00	4.0000	448.03	152.15	8.4432	5	-0.64	2%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0035	517.50	17.000	448.03	152.15	8.4432	5	0.08	0%	0
022.32	Copper, AAS, Open vessel (mg / kg (ppm))	0038	552.50	7.0000	448.03	152.15	8.4432	5	1.38	4%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0504	482.30	23.000	506.13	21.211	13.250	4	-1.12	2%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0010	498.00	6.0000	506.13	21.211	13.250	4	-0.38	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0035	512.00	24.000	506.13	21.211	13.250	4	0.28	1%	0
022.33	Copper, AAS, Microwave (mg / kg (ppm))	0948	532.23	0.00000	506.13	21.211	13.250	4	1.23	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0407	436.03	1.1965	472.47	15.690	12.840	20	-2.32	4%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0171	449.00	2.0000	472.47	15.690	12.840	20	-1.50	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0598	455.25	3.5000	472.47	15.690	12.840	20	-1.10	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0520	458.50	11.000	472.47	15.690	12.840	20	-0.89	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0148	462.15	2.7000	472.47	15.690	12.840	20	-0.66	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0619	464.00	16.000	472.47	15.690	12.840	20	-0.54	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0405	466.45	0.50000	472.47	15.690	12.840	20	-0.38	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0049	467.78	6.5900	472.47	15.690	12.840	20	-0.30	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	2012	469.44	0.88000	472.47	15.690	12.840	20	-0.19	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0164	473.50	3.0000	472.47	15.690	12.840	20	0.07	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0208	475.10	29.200	472.47	15.690	12.840	20	0.17	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0019	475.95	22.900	472.47	15.690	12.840	20	0.22	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0910	476.50	13.000	472.47	15.690	12.840	20	0.26	0%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0358	478.30	26.130	472.47	15.690	12.840	20	0.37	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0511	480.00	8.0000	472.47	15.690	12.840	20	0.48	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0003	481.50	47.000	472.47	15.690	12.840	20	0.58	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0098	484.10	3.0000	472.47	15.690	12.840	20	0.74	1%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0226	491.00	34.000	472.47	15.690	12.840	20	1.18	2%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0229	496.10	4.2000	472.47	15.690	12.840	20	1.51	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0074	498.00	22.000	472.47	15.690	12.840	20	1.63	3%	0
022.41	Copper, ICP, Dry ash (mg / kg (ppm))	0955	5.9950	0.03000	472.47	15.690	12.840	20	-29.73	49%	2
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0009	425.51	3.4760	484.94	30.600	9.5105	20	-1.94	6%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0042	434.50	19.000	484.94	30.600	9.5105	20	-1.65	5%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0278	445.45	46.700	484.94	30.600	9.5105	20	-1.29	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0366	446.50	19.000	484.94	30.600	9.5105	20	-1.26	4%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0045	467.00	6.0000	484.94	30.600	9.5105	20	-0.59	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0870	471.80	6.6000	484.94	30.600	9.5105	20	-0.43	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0037	472.75	4.3000	484.94	30.600	9.5105	20	-0.40	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0357	474.29	1.0040	484.94	30.600	9.5105	20	-0.35	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	2053	478.50	11.000	484.94	30.600	9.5105	20	-0.21	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0726	493.95	0.90000	484.94	30.600	9.5105	20	0.29	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0190	496.90	5.2000	484.94	30.600	9.5105	20	0.39	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0265	499.00	6.0000	484.94	30.600	9.5105	20	0.46	1%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0186	501.50	5.0000	484.94	30.600	9.5105	20	0.54	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0035	503.50	17.000	484.94	30.600	9.5105	20	0.61	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0560	504.25	15.500	484.94	30.600	9.5105	20	0.63	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0205	506.00	6.0000	484.94	30.600	9.5105	20	0.69	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0685	508.08	0.53000	484.94	30.600	9.5105	20	0.76	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0693	508.50	1.0000	484.94	30.600	9.5105	20	0.77	2%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0413	512.00	10.000	484.94	30.600	9.5105	20	0.88	3%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0692	596.00	6.0000	484.94	30.600	9.5105	20	3.63	11%	0
022.42	Copper, ICP, Open vessel (mg / kg (ppm))	0613	557.67	55.680	484.94	30.600	9.5105	20	2.38	7%	1
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0353	365.50	69.000	484.21	35.718	17.703	23	-3.32	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	
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0345	403.00	6.0000	484.21	35.718	17.703	23	-2.27	8%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0510	443.50	1.0000	484.21	35.718	17.703	23	-1.14	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0875	443.50	33.000	484.21	35.718	17.703	23	-1.14	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0202	454.12	10.900	484.21	35.718	17.703	23	-0.84	3%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	2089	460.43	0.69000	484.21	35.718	17.703	23	-0.67	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0968	466.00	6.0000	484.21	35.718	17.703	23	-0.51	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0629	468.00	0.00000	484.21	35.718	17.703	23	-0.45	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0918	470.27	11.850	484.21	35.718	17.703	23	-0.39	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0083	480.50	5.0000	484.21	35.718	17.703	23	-0.10	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0675	483.83	4.0900	484.21	35.718	17.703	23	-0.01	0%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0964	491.71	35.598	484.21	35.718	17.703	23	0.21	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0682	492.40	0.00000	484.21	35.718	17.703	23	0.23	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0610	494.50	17.000	484.21	35.718	17.703	23	0.29	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0035	497.00	12.000	484.21	35.718	17.703	23	0.36	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0027	498.37	1.1470	484.21	35.718	17.703	23	0.40	1%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0033	502.00	38.000	484.21	35.718	17.703	23	0.50	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0038	503.00	16.000	484.21	35.718	17.703	23	0.53	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0032	504.00	50.000	484.21	35.718	17.703	23	0.55	2%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0098	519.85	13.900	484.21	35.718	17.703	23	1.00	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0297	527.00	42.000	484.21	35.718	17.703	23	1.20	4%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0861	539.50	33.000	484.21	35.718	17.703	23	1.55	6%	0
022.43	Copper, ICP, Microwave (mg / kg (ppm))	0169	576.50	1.0000	484.21	35.718	17.703	23	2.58	10%	0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	2004	453.00	4.0000				2			0
022.44	Copper, ICP, Dry ash (mg / kg (ppm))	0860	457.00	2.0000				2			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0047	375.10	18.800				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0016	401.00	34.000				3			0
022.52	Copper, ICP-MS, Open vessel (mg / kg (ppm))	0186	469.50	3.0000				3			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0553	462.00	22.000				2			0
022.53	Copper, ICP-MS, Microwave (mg / kg (ppm))	0572	485.50	25.000				2			0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0242	481.00	4.0000	491.19	8.9011	9.1025	4	-1.14	1%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0100	487.50	5.0000	491.19	8.9011	9.1025	4	-0.41	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	2129	494.65	13.500	491.19	8.9011	9.1025	4	0.39	0%	0
022.99	Copper, Miscellaneous (mg / kg (ppm))	0590	501.60	13.910	491.19	8.9011	9.1025	4	1.17	1%	0
024.01	Iodine, Elm-Cald (mg / kg (ppm))	0186	23.000	0.00000				1			0
024.03	Iodine, Ion-selective electrode (mg / kg (ppm))	0171	7.9000	0.20000				1			0
024.52	Iodine, ICP-MS, Open vessel (mg / kg (ppm))	0186	17.500	3.0000				1			0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0536	67.350	0.90000	699.16	89.313	14.205	15	-7.07	45%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0921	546.70	13.800	699.16	89.313	14.205	15	-1.71	11%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0689	572.65	3.9000	699.16	89.313	14.205	15	-1.42	9%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0629	632.50	5.0000	699.16	89.313	14.205	15	-0.75	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0939	684.71	18.020	699.16	89.313	14.205	15	-0.16	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	
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0505	705.00	16.000	699.16	89.313	14.205	15	0.07	0%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0038	715.00	12.000	699.16	89.313	14.205	15	0.18	1%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0874	724.00	46.000	699.16	89.313	14.205	15	0.28	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0354	730.65	2.1900	699.16	89.313	14.205	15	0.35	2%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0878	743.00	2.0000	699.16	89.313	14.205	15	0.49	3%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0563	748.35	15.518	699.16	89.313	14.205	15	0.55	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0529	753.63	20.750	699.16	89.313	14.205	15	0.61	4%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0208	770.00	30.000	699.16	89.313	14.205	15	0.79	5%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0723	786.00	0.00000	699.16	89.313	14.205	15	0.97	6%	0
025.31	Iron, AAS, Dry ash (mg / kg (ppm))	0175	791.50	27.000	699.16	89.313	14.205	15	1.03	7%	0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	2128	189.47	29.517				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0035	741.00	14.000				3			0
025.32	Iron, AAS, Open vessel (mg / kg (ppm))	0609	1,080.5	27.000				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0035	637.00	122.00				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0504	813.15	31.900				3			0
025.33	Iron, AAS, Microwave (mg / kg (ppm))	0948	830.73	3.6310				3			0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0405	557.55	0.90000	694.57	48.015	15.846	19	-2.85	10%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0619	612.00	52.000	694.57	48.015	15.846	19	-1.72	6%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0598	625.95	5.3000	694.57	48.015	15.846	19	-1.43	5%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0358	656.52	31.760	694.57	48.015	15.846	19	-0.79	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2012	658.23	9.1900	694.57	48.015	15.846	19	-0.76	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0407	670.72	1.4366	694.57	48.015	15.846	19	-0.50	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0003	671.50	7.0000	694.57	48.015	15.846	19	-0.48	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0520	689.00	38.000	694.57	48.015	15.846	19	-0.12	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0910	696.50	1.0000	694.57	48.015	15.846	19	0.04	0%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0208	705.35	30.300	694.57	48.015	15.846	19	0.22	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0171	714.50	17.000	694.57	48.015	15.846	19	0.42	1%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0098	716.25	11.900	694.57	48.015	15.846	19	0.45	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	2004	720.50	31.000	694.57	48.015	15.846	19	0.54	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0164	726.00	18.000	694.57	48.015	15.846	19	0.65	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0226	726.50	9.0000	694.57	48.015	15.846	19	0.67	2%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0049	740.77	21.880	694.57	48.015	15.846	19	0.96	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0229	742.80	3.6000	694.57	48.015	15.846	19	1.00	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0074	743.00	2.0000	694.57	48.015	15.846	19	1.01	3%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0148	747.60	9.8000	694.57	48.015	15.846	19	1.10	4%	0
025.41	Iron, ICP, Dry ash (mg / kg (ppm))	0019	636.85	371.10	694.57	48.015	15.846	19	-1.20	4%	1
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0278	183.00	16.000	592.74	132.36	24.265	15	-3.10	35%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0186	267.50	37.000	592.74	132.36	24.265	15	-2.46	27%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	2053	480.00	22.000	592.74	132.36	24.265	15	-0.85	10%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0265	499.00	30.000	592.74	132.36	24.265	15	-0.71	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0560	513.75	19.500	592.74	132.36	24.265	15	-0.60	7%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0613	573.06	64.570	592.74	132.36	24.265	15	-0.15	2%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0042	591.00	4.0000	592.74	132.36	24.265	15	-0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0870	594.55	4.9000	592.74	132.36	24.265	15	0.01	0%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0045	646.50	45.000	592.74	132.36	24.265	15	0.41	5%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0692	659.50	3.0000	592.74	132.36	24.265	15	0.50	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0037	669.30	6.0000	592.74	132.36	24.265	15	0.58	6%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0693	673.00	30.000	592.74	132.36	24.265	15	0.61	7%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0413	684.50	47.000	592.74	132.36	24.265	15	0.69	8%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0035	748.50	9.0000	592.74	132.36	24.265	15	1.18	13%	0
025.42	Iron, ICP, Open vessel (mg / kg (ppm))	0366	770.00	26.000	592.74	132.36	24.265	15	1.34	15%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	2089	329.35	57.700	690.73	91.402	15.599	18	-3.95	26%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0968	374.00	12.000	690.73	91.402	15.599	18	-3.47	23%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0353	609.50	5.0000	690.73	91.402	15.599	18	-0.89	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0510	612.50	3.0000	690.73	91.402	15.599	18	-0.86	6%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0345	627.00	20.000	690.73	91.402	15.599	18	-0.70	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0629	635.50	7.0000	690.73	91.402	15.599	18	-0.60	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0083	643.00	24.000	690.73	91.402	15.599	18	-0.52	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0035	695.50	27.000	690.73	91.402	15.599	18	0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0682	695.60	0.00000	690.73	91.402	15.599	18	0.05	0%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0675	701.04	14.010	690.73	91.402	15.599	18	0.11	1%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0169	719.00	2.0000	690.73	91.402	15.599	18	0.31	2%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0610	734.50	1.0000	690.73	91.402	15.599	18	0.48	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0098	737.00	7.6000	690.73	91.402	15.599	18	0.51	3%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0297	747.50	1.0000	690.73	91.402	15.599	18	0.62	4%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0032	761.50	5.0000	690.73	91.402	15.599	18	0.77	5%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0964	793.32	51.479	690.73	91.402	15.599	18	1.12	7%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0861	801.50	13.000	690.73	91.402	15.599	18	1.21	8%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0038	812.00	30.000	690.73	91.402	15.599	18	1.33	9%	0
025.43	Iron, ICP, Microwave (mg / kg (ppm))	0918	778.36	89.410	690.73	91.402	15.599	18	0.96	6%	1
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0186	278.00	40.000				2			0
025.52	Iron, ICP-MS, Open vessel (mg / kg (ppm))	0154	376.77	65.250				2			0
025.53	Iron, ICP-MS, Microwave (mg / kg (ppm))	0553	814.00	26.000				1			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0100	647.00	6.0000				2			0
025.99	Iron, Miscellaneous (mg / kg (ppm))	0242	726.00	14.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0354	0.36000	0.00000	0.70798	0.05053	0.00890	17	-6.89	25%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.64000	0.02000	0.70798	0.05053	0.00890	17	-1.35	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.64050	0.00180	0.70798	0.05053	0.00890	17	-1.34	5%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.67500	0.01000	0.70798	0.05053	0.00890	17	-0.65	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0066	0.67950	0.00300	0.70798	0.05053	0.00890	17	-0.56	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0874	0.68000	0.01600	0.70798	0.05053	0.00890	17	-0.55	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.69620	0.00340	0.70798	0.05053	0.00890	17	-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	
027.31	Magnesium, AAS, Dry ash (%)	0038	0.70350	0.02100	0.70798	0.05053	0.00890	17	-0.09	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.72000	0.00600	0.70798	0.05053	0.00890	17	0.24	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.72605	0.00410	0.70798	0.05053	0.00890	17	0.36	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0175	0.73500	0.01000	0.70798	0.05053	0.00890	17	0.53	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0629	0.73500	0.01000	0.70798	0.05053	0.00890	17	0.53	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0904	0.74000	0.00000	0.70798	0.05053	0.00890	17	0.63	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.74500	0.03000	0.70798	0.05053	0.00890	17	0.73	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0505	0.74600	0.00400	0.70798	0.05053	0.00890	17	0.75	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.75800	0.00800	0.70798	0.05053	0.00890	17	0.99	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0878	0.80800	0.00400	0.70798	0.05053	0.00890	17	1.98	7%	0
027.32	Magnesium, AAS, Open vessel (%)	0689	0.67500	0.03000	0.72222	0.02436	0.00962	6	-1.94	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0263	0.70665	0.00770	0.72222	0.02436	0.00962	6	-0.64	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0035	0.73000	0.00000	0.72222	0.02436	0.00962	6	0.32	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0609	0.73500	0.01000	0.72222	0.02436	0.00962	6	0.52	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0504	0.73600	0.01000	0.72222	0.02436	0.00962	6	0.57	1%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.74000	0.00000	0.72222	0.02436	0.00962	6	0.73	1%	0
027.33	Magnesium, AAS, Microwave (%)	0948	0.71500	0.00400				3			0
027.33	Magnesium, AAS, Microwave (%)	0504	0.72850	0.00300				3			0
027.33	Magnesium, AAS, Microwave (%)	0035	0.74500	0.03000				3			0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.68100	0.02680	0.72929	0.03354	0.01502	21	-1.44	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.68500	0.01000	0.72929	0.03354	0.01502	21	-1.32	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.69500	0.01000	0.72929	0.03354	0.01502	21	-1.02	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.69950	0.01700	0.72929	0.03354	0.01502	21	-0.89	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.70000	0.02000	0.72929	0.03354	0.01502	21	-0.87	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.70500	0.01000	0.72929	0.03354	0.01502	21	-0.72	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.71000	0.00000	0.72929	0.03354	0.01502	21	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2012	0.71000	0.00000	0.72929	0.03354	0.01502	21	-0.58	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0164	0.72000	0.00200	0.72929	0.03354	0.01502	21	-0.28	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.72100	0.01000	0.72929	0.03354	0.01502	21	-0.25	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0003	0.73000	0.02000	0.72929	0.03354	0.01502	21	0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.73500	0.03000	0.72929	0.03354	0.01502	21	0.17	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.73750	0.00900	0.72929	0.03354	0.01502	21	0.24	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0139	0.74470	0.00000	0.72929	0.03354	0.01502	21	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.75000	0.00000	0.72929	0.03354	0.01502	21	0.62	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0208	0.75950	0.07900	0.72929	0.03354	0.01502	21	0.90	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.76000	0.02000	0.72929	0.03354	0.01502	21	0.92	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.76150	0.00700	0.72929	0.03354	0.01502	21	0.96	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.76500	0.03000	0.72929	0.03354	0.01502	21	1.06	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.76575	0.01370	0.72929	0.03354	0.01502	21	1.09	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0405	0.99950	0.00100	0.72929	0.03354	0.01502	21	8.06	19%	0
027.41	Magnesium, ICP, Dry ash (%)	0511	0.69950	0.09100	0.72929	0.03354	0.01502	21	-0.89	2%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0026	0.47500	0.01000	0.73472	0.03958	0.01629	20	-6.56	18%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.69745	0.02350	0.73472	0.03958	0.01629	20	-0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.69750	0.03700	0.73472	0.03958	0.01629	20	-0.94	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.70250	0.00100	0.73472	0.03958	0.01629	20	-0.81	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.70500	0.01000	0.73472	0.03958	0.01629	20	-0.75	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.70700	0.00800	0.73472	0.03958	0.01629	20	-0.70	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.71000	0.00000	0.73472	0.03958	0.01629	20	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.71000	0.02000	0.73472	0.03958	0.01629	20	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.72500	0.01000	0.73472	0.03958	0.01629	20	-0.25	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.72740	0.03980	0.73472	0.03958	0.01629	20	-0.18	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.73500	0.01000	0.73472	0.03958	0.01629	20	0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.74500	0.01000	0.73472	0.03958	0.01629	20	0.26	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.75105	0.01430	0.73472	0.03958	0.01629	20	0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0560	0.75290	0.00080	0.73472	0.03958	0.01629	20	0.46	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.75350	0.02900	0.73472	0.03958	0.01629	20	0.47	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.75750	0.00100	0.73472	0.03958	0.01629	20	0.58	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.76000	0.02000	0.73472	0.03958	0.01629	20	0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.79920	0.00140	0.73472	0.03958	0.01629	20	1.63	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2053	0.81000	0.00000	0.73472	0.03958	0.01629	20	1.90	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.84000	0.08000	0.73472	0.03958	0.01629	20	2.66	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.88000	0.12000	0.73472	0.03958	0.01629	20	3.67	10%	1
027.43	Magnesium, ICP, Microwave (%)	0875	0.59050	0.03100	0.72248	0.04601	0.01710	23	-2.87	9%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.63000	0.02000	0.72248	0.04601	0.01710	23	-2.01	6%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.66500	0.01400	0.72248	0.04601	0.01710	23	-1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.67000	0.02000	0.72248	0.04601	0.01710	23	-1.14	4%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.67900	0.00600	0.72248	0.04601	0.01710	23	-0.94	3%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.68900	0.03600	0.72248	0.04601	0.01710	23	-0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.69500	0.03000	0.72248	0.04601	0.01710	23	-0.60	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.71500	0.03000	0.72248	0.04601	0.01710	23	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.71500	0.01000	0.72248	0.04601	0.01710	23	-0.16	1%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.72000	0.02000	0.72248	0.04601	0.01710	23	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.72000	0.08000	0.72248	0.04601	0.01710	23	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0034	0.72560	0.00600	0.72248	0.04601	0.01710	23	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.73245	0.01330	0.72248	0.04601	0.01710	23	0.22	1%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.74000	0.00000	0.72248	0.04601	0.01710	23	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.74000	0.00000	0.72248	0.04601	0.01710	23	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.74000	0.00000	0.72248	0.04601	0.01710	23	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.74350	0.00100	0.72248	0.04601	0.01710	23	0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0006	0.74400	0.00000	0.72248	0.04601	0.01710	23	0.47	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.75350	0.03500	0.72248	0.04601	0.01710	23	0.67	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.77000	0.02000	0.72248	0.04601	0.01710	23	1.03	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 (%)	0968	0.77650	0.00300	0.72248	0.04601	0.01710	23	1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.78500	0.01000	0.72248	0.04601	0.01710	23	1.36	4%	0
027.43	Magnesium, ICP, Microwave (%)	0861	0.80100	0.00800	0.72248	0.04601	0.01710	23	1.71	5%	0
027.43	Magnesium, ICP, Microwave (%)	0032	0.72500	0.11000	0.72248	0.04601	0.01710	23	0.05	0%	1
027.44	Magnesium, ICP, Dry ash (%)	0955	0.67250	0.05700				2			0
027.44	Magnesium, ICP, Dry ash (%)	2004	0.70000	0.01000				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.62350	0.00100				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.70200	0.04300				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.72850	0.01300				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0572	0.75450	0.01100				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.88200	0.00600				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.72000	0.00000				3			0
027.99	Magnesium, Miscellaneous (%)	0590	0.73000	0.00000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.76000	0.02000				3			0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0536	85.100	8.4000	432.29	30.266	6.3450	14	-11.47	40%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0529	375.00	0.50000	432.29	30.266	6.3450	14	-1.89	7%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0689	387.75	1.1000	432.29	30.266	6.3450	14	-1.47	5%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0723	424.00	0.00000	432.29	30.266	6.3450	14	-0.27	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0921	426.00	0.00000	432.29	30.266	6.3450	14	-0.21	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0629	434.50	3.0000	432.29	30.266	6.3450	14	0.07	0%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0354	440.59	3.4200	432.29	30.266	6.3450	14	0.27	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0939	443.45	13.680	432.29	30.266	6.3450	14	0.37	1%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0904	448.09	25.490	432.29	30.266	6.3450	14	0.52	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0563	448.76	6.0300	432.29	30.266	6.3450	14	0.54	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0505	453.00	4.0000	432.29	30.266	6.3450	14	0.68	2%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0175	455.00	10.000	432.29	30.266	6.3450	14	0.75	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0066	458.17	9.2100	432.29	30.266	6.3450	14	0.85	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0878	459.00	4.0000	432.29	30.266	6.3450	14	0.88	3%	0
028.31	Manganese, AAS, Dry ash (mg / kg (ppm))	0208	461.00	54.000	432.29	30.266	6.3450	14	0.95	3%	1
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	2128	153.80	9.7080	359.26	123.29	26.502	5	-1.41	28%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0609	352.50	5.0000	359.26	123.29	26.502	5	-0.01	0%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0035	382.00	86.000	359.26	123.29	26.502	5	0.20	4%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0038	448.00	4.0000	359.26	123.29	26.502	5	0.67	13%	0
028.32	Manganese, AAS, Open vessel (mg / kg (ppm))	0504	460.00	27.800	359.26	123.29	26.502	5	0.75	15%	0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0948	409.07	9.6840				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0504	445.10	18.800				3			0
028.33	Manganese, AAS, Microwave (mg / kg (ppm))	0035	447.00	92.000				3			0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0619	355.00	2.0000	419.12	27.237	6.4094	19	-2.35	8%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0405	357.90	0.20000	419.12	27.237	6.4094	19	-2.25	7%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0407	390.32	1.5488	419.12	27.237	6.4094	19	-1.06	3%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0520	394.50	5.0000	419.12	27.237	6.4094	19	-0.90	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	
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0164	406.00	14.000	419.12	27.237	6.4094	19	-0.48	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0049	407.87	3.0000	419.12	27.237	6.4094	19	-0.41	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	2012	410.18	5.6500	419.12	27.237	6.4094	19	-0.33	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0208	410.30	8.8000	419.12	27.237	6.4094	19	-0.32	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0003	412.50	33.000	419.12	27.237	6.4094	19	-0.24	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0171	419.00	2.0000	419.12	27.237	6.4094	19	0.00	0%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0098	424.85	1.7000	419.12	27.237	6.4094	19	0.21	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0511	427.00	2.0000	419.12	27.237	6.4094	19	0.29	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0148	430.05	5.3000	419.12	27.237	6.4094	19	0.40	1%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0598	432.25	15.300	419.12	27.237	6.4094	19	0.48	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0358	435.57	0.18000	419.12	27.237	6.4094	19	0.60	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0910	439.50	9.0000	419.12	27.237	6.4094	19	0.75	2%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0226	451.50	5.0000	419.12	27.237	6.4094	19	1.19	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0229	455.45	2.1000	419.12	27.237	6.4094	19	1.33	4%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0074	464.00	6.0000	419.12	27.237	6.4094	19	1.65	5%	0
028.41	Manganese, ICP, Dry ash (mg / kg (ppm))	0019	442.40	45.000	419.12	27.237	6.4094	19	0.85	3%	1
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0685	362.05	0.08000	426.93	34.851	14.424	19	-1.86	8%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0009	367.21	13.498	426.93	34.851	14.424	19	-1.71	7%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	2053	391.50	7.0000	426.93	34.851	14.424	19	-1.02	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0042	393.50	23.000	426.93	34.851	14.424	19	-0.96	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0037	401.05	28.700	426.93	34.851	14.424	19	-0.74	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0366	406.50	9.0000	426.93	34.851	14.424	19	-0.59	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0693	413.50	7.0000	426.93	34.851	14.424	19	-0.39	2%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0278	417.00	4.0000	426.93	34.851	14.424	19	-0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0413	425.50	21.000	426.93	34.851	14.424	19	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0045	431.00	28.000	426.93	34.851	14.424	19	0.12	0%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0357	436.32	15.672	426.93	34.851	14.424	19	0.27	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0870	436.80	2.4000	426.93	34.851	14.424	19	0.28	1%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0726	450.75	2.5000	426.93	34.851	14.424	19	0.68	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0190	450.95	0.70000	426.93	34.851	14.424	19	0.69	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0035	452.50	11.000	426.93	34.851	14.424	19	0.73	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0186	455.00	14.000	426.93	34.851	14.424	19	0.81	3%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0265	459.50	21.000	426.93	34.851	14.424	19	0.93	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0560	461.75	14.500	426.93	34.851	14.424	19	1.00	4%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0692	513.50	51.000	426.93	34.851	14.424	19	2.48	10%	0
028.42	Manganese, ICP, Open vessel (mg / kg (ppm))	0613	449.20	97.910	426.93	34.851	14.424	19	0.64	3%	1
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0510	370.50	1.0000	431.05	30.606	7.4700	23	-1.98	7%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0875	381.50	11.000	431.05	30.606	7.4700	23	-1.62	6%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0675	392.58	8.9500	431.05	30.606	7.4700	23	-1.26	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0034	400.91	24.300	431.05	30.606	7.4700	23	-0.98	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0968	401.00	0.00000	431.05	30.606	7.4700	23	-0.98	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0353	410.00	4.0000	431.05	30.606	7.4700	23	-0.69	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0345	414.00	6.0000	431.05	30.606	7.4700	23	-0.56	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0033	424.00	14.000	431.05	30.606	7.4700	23	-0.23	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0038	426.00	2.0000	431.05	30.606	7.4700	23	-0.16	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0964	426.24	12.129	431.05	30.606	7.4700	23	-0.16	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0918	428.40	16.090	431.05	30.606	7.4700	23	-0.09	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0610	429.50	3.0000	431.05	30.606	7.4700	23	-0.05	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0629	433.00	4.0000	431.05	30.606	7.4700	23	0.06	0%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0083	435.50	11.000	431.05	30.606	7.4700	23	0.15	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0682	440.74	0.00000	431.05	30.606	7.4700	23	0.32	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0202	442.91	4.0000	431.05	30.606	7.4700	23	0.39	1%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0032	452.00	16.000	431.05	30.606	7.4700	23	0.68	2%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	2089	457.17	6.2400	431.05	30.606	7.4700	23	0.85	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0098	458.95	3.1000	431.05	30.606	7.4700	23	0.91	3%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0035	461.50	1.0000	431.05	30.606	7.4700	23	0.99	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0297	464.50	19.000	431.05	30.606	7.4700	23	1.09	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0861	468.00	2.0000	431.05	30.606	7.4700	23	1.21	4%	0
028.43	Manganese, ICP, Microwave (mg / kg (ppm))	0169	483.50	3.0000	431.05	30.606	7.4700	23	1.71	6%	0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	0955	375.00	30.000				2			0
028.44	Manganese, ICP, Dry ash (mg / kg (ppm))	2004	418.00	2.0000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0047	413.75	2.1000				2			0
028.52	Manganese, ICP-MS, Open vessel (mg / kg (ppm))	0186	473.00	0.00000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0553	431.00	26.000				2			0
028.53	Manganese, ICP-MS, Microwave (mg / kg (ppm))	0572	435.50	7.0000				2			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0242	436.50	3.0000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0100	452.50	19.000				3			0
028.99	Manganese, Miscellaneous (mg / kg (ppm))	0590	464.72	2.0900				3			0
031.00	Phosphorus, Vol (%)	0893	0.51000	0.00000				2			0
031.00	Phosphorus, Vol (%)	0895	0.60500	0.01000				2			0
031.01	Phosphorus, Photometric (%)	0689	0.54000	0.02000	0.61931	0.03669	0.01551	43	-2.16	6%	0
031.01	Phosphorus, Photometric (%)	0874	0.56685	0.00350	0.61931	0.03669	0.01551	43	-1.43	4%	0
031.01	Phosphorus, Photometric (%)	0623	0.56750	0.01220	0.61931	0.03669	0.01551	43	-1.41	4%	0
031.01	Phosphorus, Photometric (%)	0674	0.57000	0.00000	0.61931	0.03669	0.01551	43	-1.34	4%	0
031.01	Phosphorus, Photometric (%)	0511	0.58000	0.06000	0.61931	0.03669	0.01551	43	-1.07	3%	0
031.01	Phosphorus, Photometric (%)	0897	0.58500	0.01000	0.61931	0.03669	0.01551	43	-0.93	3%	0
031.01	Phosphorus, Photometric (%)	2093	0.58500	0.01000	0.61931	0.03669	0.01551	43	-0.93	3%	0
031.01	Phosphorus, Photometric (%)	2009	0.58680	0.00140	0.61931	0.03669	0.01551	43	-0.89	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.58985	0.02370	0.61931	0.03669	0.01551	43	-0.80	2%	0
031.01	Phosphorus, Photometric (%)	0108	0.59000	0.04000	0.61931	0.03669	0.01551	43	-0.80	2%	0
031.01	Phosphorus, Photometric (%)	0903	0.59500	0.01000	0.61931	0.03669	0.01551	43	-0.66	2%	0
031.01	Phosphorus, Photometric (%)	0940	0.59500	0.01000	0.61931	0.03669	0.01551	43	-0.66	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 (%)	0142	0.59905	0.00970	0.61931	0.03669	0.01551	43	-0.55	2%	0
031.01	Phosphorus, Photometric (%)	0590	0.60000	0.04000	0.61931	0.03669	0.01551	43	-0.53	2%	0
031.01	Phosphorus, Photometric (%)	0921	0.60300	0.00000	0.61931	0.03669	0.01551	43	-0.44	1%	0
031.01	Phosphorus, Photometric (%)	0723	0.60470	0.00000	0.61931	0.03669	0.01551	43	-0.40	1%	0
031.01	Phosphorus, Photometric (%)	0885	0.60485	0.00310	0.61931	0.03669	0.01551	43	-0.39	1%	0
031.01	Phosphorus, Photometric (%)	0038	0.60850	0.00500	0.61931	0.03669	0.01551	43	-0.29	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.61000	0.02000	0.61931	0.03669	0.01551	43	-0.25	1%	0
031.01	Phosphorus, Photometric (%)	0849	0.61050	0.00100	0.61931	0.03669	0.01551	43	-0.24	1%	0
031.01	Phosphorus, Photometric (%)	0016	0.61300	0.01000	0.61931	0.03669	0.01551	43	-0.17	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.61500	0.03000	0.61931	0.03669	0.01551	43	-0.12	0%	0
031.01	Phosphorus, Photometric (%)	0208	0.61850	0.04700	0.61931	0.03669	0.01551	43	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2109	0.62050	0.00100	0.61931	0.03669	0.01551	43	0.03	0%	0
031.01	Phosphorus, Photometric (%)	2006	0.62100	0.00000	0.61931	0.03669	0.01551	43	0.05	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.62600	0.00200	0.61931	0.03669	0.01551	43	0.18	1%	0
031.01	Phosphorus, Photometric (%)	0722	0.62740	0.00580	0.61931	0.03669	0.01551	43	0.22	1%	0
031.01	Phosphorus, Photometric (%)	0175	0.63500	0.01000	0.61931	0.03669	0.01551	43	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.63500	0.07000	0.61931	0.03669	0.01551	43	0.43	1%	0
031.01	Phosphorus, Photometric (%)	0629	0.64000	0.00000	0.61931	0.03669	0.01551	43	0.56	2%	0
031.01	Phosphorus, Photometric (%)	0620	0.64095	0.00270	0.61931	0.03669	0.01551	43	0.59	2%	0
031.01	Phosphorus, Photometric (%)	0563	0.64190	0.02100	0.61931	0.03669	0.01551	43	0.62	2%	0
031.01	Phosphorus, Photometric (%)	2068	0.64500	0.01000	0.61931	0.03669	0.01551	43	0.70	2%	0
031.01	Phosphorus, Photometric (%)	0018	0.64650	0.00500	0.61931	0.03669	0.01551	43	0.74	2%	0
031.01	Phosphorus, Photometric (%)	0878	0.64850	0.00700	0.61931	0.03669	0.01551	43	0.80	2%	0
031.01	Phosphorus, Photometric (%)	0066	0.65000	0.00800	0.61931	0.03669	0.01551	43	0.84	2%	0
031.01	Phosphorus, Photometric (%)	0683	0.66000	0.04000	0.61931	0.03669	0.01551	43	1.11	3%	0
031.01	Phosphorus, Photometric (%)	0904	0.66500	0.03000	0.61931	0.03669	0.01551	43	1.25	4%	0
031.01	Phosphorus, Photometric (%)	0948	0.66800	0.00600	0.61931	0.03669	0.01551	43	1.33	4%	0
031.01	Phosphorus, Photometric (%)	0653	0.67400	0.00200	0.61931	0.03669	0.01551	43	1.49	4%	0
031.01	Phosphorus, Photometric (%)	0552	0.69000	0.06000	0.61931	0.03669	0.01551	43	1.93	6%	0
031.01	Phosphorus, Photometric (%)	0194	0.75500	0.01000	0.61931	0.03669	0.01551	43	3.70	11%	0
031.01	Phosphorus, Photometric (%)	0609	0.75500	0.01000	0.61931	0.03669	0.01551	43	3.70	11%	0
031.01	Phosphorus, Photometric (%)	0529	0.56000	0.10000	0.61931	0.03669	0.01551	43	-1.62	5%	1
031.01	Phosphorus, Photometric (%)	0354	4.0050	0.01000	0.61931	0.03669	0.01551	43	92.27	273%	2
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	0505	0.61000	0.02000				2			0
031.02	Phosphorus, GQMP (AOAC 935.13-Extraction) (%)	2053	0.62500	0.01000				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.56500	0.01000	0.59344	0.01952	0.00713	4	-1.46	2%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	0.59650	0.00700	0.59344	0.01952	0.00713	4	0.16	0%	0
031.03	Phosphorus, Autoanalyzer (%)	0504	0.60500	0.01000	0.59344	0.01952	0.00713	4	0.59	1%	0
031.03	Phosphorus, Autoanalyzer (%)	0036	0.60725	0.00150	0.59344	0.01952	0.00713	4	0.71	1%	0
031.06	Phosphorus, Hach Method (%)	0536	0.66000	0.02000				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.55000	0.00000	0.61861	0.04031	0.01030	23	-1.70	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.55500	0.01000	0.61861	0.04031	0.01030	23	-1.58	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.57540	0.00620	0.61861	0.04031	0.01030	23	-1.07	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.59150	0.00100	0.61861	0.04031	0.01030	23	-0.67	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.59250	0.00500	0.61861	0.04031	0.01030	23	-0.65	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.59500	0.01800	0.61861	0.04031	0.01030	23	-0.59	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.60000	0.00000	0.61861	0.04031	0.01030	23	-0.46	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.60500	0.01000	0.61861	0.04031	0.01030	23	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.60500	0.01000	0.61861	0.04031	0.01030	23	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	0.60500	0.01000	0.61861	0.04031	0.01030	23	-0.34	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.61000	0.00000	0.61861	0.04031	0.01030	23	-0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	0.61050	0.02900	0.61861	0.04031	0.01030	23	-0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.61375	0.00990	0.61861	0.04031	0.01030	23	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2012	0.62000	0.00000	0.61861	0.04031	0.01030	23	0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0164	0.62500	0.01000	0.61861	0.04031	0.01030	23	0.16	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	0.62500	0.01000	0.61861	0.04031	0.01030	23	0.16	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0139	0.62800	0.01000	0.61861	0.04031	0.01030	23	0.23	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.65305	0.00990	0.61861	0.04031	0.01030	23	0.85	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.66000	0.02000	0.61861	0.04031	0.01030	23	1.03	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.66500	0.01000	0.61861	0.04031	0.01030	23	1.15	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0003	0.67500	0.05000	0.61861	0.04031	0.01030	23	1.40	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0405	0.67800	0.00400	0.61861	0.04031	0.01030	23	1.47	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	0.67900	0.00400	0.61861	0.04031	0.01030	23	1.50	5%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.61000	0.06000	0.61861	0.04031	0.01030	23	-0.21	1%	1
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.47500	0.03000	0.60462	0.04198	0.02690	22	-3.09	11%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.49900	0.01800	0.60462	0.04198	0.02690	22	-2.52	9%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.54000	0.00000	0.60462	0.04198	0.02690	22	-1.54	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.56450	0.04300	0.60462	0.04198	0.02690	22	-0.96	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.57100	0.10200	0.60462	0.04198	0.02690	22	-0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.58500	0.09000	0.60462	0.04198	0.02690	22	-0.47	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.58560	0.03240	0.60462	0.04198	0.02690	22	-0.45	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.58650	0.01300	0.60462	0.04198	0.02690	22	-0.43	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0560	0.59110	0.00260	0.60462	0.04198	0.02690	22	-0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.59950	0.00580	0.60462	0.04198	0.02690	22	-0.12	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.61000	0.00000	0.60462	0.04198	0.02690	22	0.13	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.61500	0.01000	0.60462	0.04198	0.02690	22	0.25	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.61805	0.00450	0.60462	0.04198	0.02690	22	0.32	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	0.62000	0.00000	0.60462	0.04198	0.02690	22	0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.62000	0.02000	0.60462	0.04198	0.02690	22	0.37	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.63050	0.01300	0.60462	0.04198	0.02690	22	0.62	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0014	0.63600	0.01400	0.60462	0.04198	0.02690	22	0.75	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0205	0.63650	0.00900	0.60462	0.04198	0.02690	22	0.76	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	
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.63825	0.00290	0.60462	0.04198	0.02690	22	0.80	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.64665	0.00150	0.60462	0.04198	0.02690	22	1.00	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	0.65500	0.07000	0.60462	0.04198	0.02690	22	1.20	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.73500	0.11000	0.60462	0.04198	0.02690	22	3.11	11%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.52250	0.03500	0.59259	0.04337	0.01756	25	-1.62	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.53000	0.02000	0.59259	0.04337	0.01756	25	-1.44	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0875	0.53850	0.03700	0.59259	0.04337	0.01756	25	-1.25	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.54000	0.00000	0.59259	0.04337	0.01756	25	-1.21	4%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.54000	0.00000	0.59259	0.04337	0.01756	25	-1.21	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.55400	0.00200	0.59259	0.04337	0.01756	25	-0.89	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.55800	0.01000	0.59259	0.04337	0.01756	25	-0.80	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.57500	0.01000	0.59259	0.04337	0.01756	25	-0.41	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0034	0.57840	0.03780	0.59259	0.04337	0.01756	25	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.59000	0.00000	0.59259	0.04337	0.01756	25	-0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.59500	0.01000	0.59259	0.04337	0.01756	25	0.06	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	0.59800	0.00000	0.59259	0.04337	0.01756	25	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.59950	0.00100	0.59259	0.04337	0.01756	25	0.16	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.60000	0.00000	0.59259	0.04337	0.01756	25	0.17	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	0.60450	0.00300	0.59259	0.04337	0.01756	25	0.27	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.61000	0.10000	0.59259	0.04337	0.01756	25	0.40	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0861	0.61150	0.01100	0.59259	0.04337	0.01756	25	0.44	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.61500	0.01000	0.59259	0.04337	0.01756	25	0.52	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.62500	0.01000	0.59259	0.04337	0.01756	25	0.75	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.62880	0.01420	0.59259	0.04337	0.01756	25	0.84	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	0.62925	0.02350	0.59259	0.04337	0.01756	25	0.85	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	0.63000	0.00000	0.59259	0.04337	0.01756	25	0.86	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	0.63250	0.03900	0.59259	0.04337	0.01756	25	0.92	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.64660	0.04540	0.59259	0.04337	0.01756	25	1.25	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.67000	0.02000	0.59259	0.04337	0.01756	25	1.79	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0032	0.61500	0.11000	0.59259	0.04337	0.01756	25	0.52	2%	1
031.44	Phosphorus, ICP, Dry ash (%)	2004	0.58300	0.00600				2			0
031.44	Phosphorus, ICP, Dry ash (%)	0955	0.61650	0.04100				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.56230	0.02880				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.56450	0.00500				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0572	0.64050	0.00300				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	0.65400	0.02200				2			0
031.99	Phosphorus, Miscellaneous (%)	0035	0.57000	0.04000	0.59388	0.01808	0.01275	4	-3.03	3%	0
031.99	Phosphorus, Miscellaneous (%)	0100	0.59000	0.00000	0.59388	0.01808	0.01275	4	-1.13	1%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.60550	0.01100	0.59388	0.01808	0.01275	4	0.35	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.61000	0.00000	0.59388	0.01808	0.01275	4	0.78	1%	0
032.02	Potassium, Flame Emission (%)	0590	2.1850	0.01000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.02	Potassium, Flame Emission (%)	0504	2.3900	0.06000				2			0
032.31	Potassium, AAS, Dry ash (%)	0175	1.9750	0.01000	2.3346	0.14390	0.05114	19	-2.50	8%	0
032.31	Potassium, AAS, Dry ash (%)	0529	2.0500	0.34000	2.3346	0.14390	0.05114	19	-1.98	6%	0
032.31	Potassium, AAS, Dry ash (%)	0505	2.1200	0.04000	2.3346	0.14390	0.05114	19	-1.49	5%	0
032.31	Potassium, AAS, Dry ash (%)	0874	2.1650	0.05000	2.3346	0.14390	0.05114	19	-1.18	4%	0
032.31	Potassium, AAS, Dry ash (%)	0629	2.2450	0.01000	2.3346	0.14390	0.05114	19	-0.62	2%	0
032.31	Potassium, AAS, Dry ash (%)	0038	2.3150	0.03000	2.3346	0.14390	0.05114	19	-0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0536	2.3300	0.08000	2.3346	0.14390	0.05114	19	-0.03	0%	0
032.31	Potassium, AAS, Dry ash (%)	0014	2.3350	0.09000	2.3346	0.14390	0.05114	19	0.00	0%	0
032.31	Potassium, AAS, Dry ash (%)	0939	2.3550	0.01000	2.3346	0.14390	0.05114	19	0.14	0%	0
032.31	Potassium, AAS, Dry ash (%)	0142	2.3594	0.00140	2.3346	0.14390	0.05114	19	0.17	1%	0
032.31	Potassium, AAS, Dry ash (%)	0904	2.3750	0.05000	2.3346	0.14390	0.05114	19	0.28	1%	0
032.31	Potassium, AAS, Dry ash (%)	0683	2.3800	0.04000	2.3346	0.14390	0.05114	19	0.32	1%	0
032.31	Potassium, AAS, Dry ash (%)	0563	2.3913	0.04830	2.3346	0.14390	0.05114	19	0.39	1%	0
032.31	Potassium, AAS, Dry ash (%)	0878	2.3950	0.03000	2.3346	0.14390	0.05114	19	0.42	1%	0
032.31	Potassium, AAS, Dry ash (%)	0208	2.4350	0.05000	2.3346	0.14390	0.05114	19	0.70	2%	0
032.31	Potassium, AAS, Dry ash (%)	2053	2.4350	0.03000	2.3346	0.14390	0.05114	19	0.70	2%	0
032.31	Potassium, AAS, Dry ash (%)	0354	2.4550	0.01000	2.3346	0.14390	0.05114	19	0.84	3%	0
032.31	Potassium, AAS, Dry ash (%)	0948	2.4780	0.03200	2.3346	0.14390	0.05114	19	1.00	3%	0
032.31	Potassium, AAS, Dry ash (%)	0066	2.6900	0.02000	2.3346	0.14390	0.05114	19	2.47	8%	0
032.31	Potassium, AAS, Dry ash (%)	0921	2.1945	0.40500	2.3346	0.14390	0.05114	19	-0.97	3%	1
032.32	Potassium, AAS, Open vessel (%)	0169	2.3750	0.01000	2.4544	0.06120	0.00733	4	-1.30	2%	0
032.32	Potassium, AAS, Open vessel (%)	0035	2.4450	0.01000	2.4544	0.06120	0.00733	4	-0.15	0%	0
032.32	Potassium, AAS, Open vessel (%)	0263	2.4777	0.00930	2.4544	0.06120	0.00733	4	0.38	0%	0
032.32	Potassium, AAS, Open vessel (%)	0609	2.5200	0.00000	2.4544	0.06120	0.00733	4	1.07	1%	0
032.33	Potassium, AAS, Microwave (%)	0035	2.5650	0.11000				1			0
032.41	Potassium, ICP, Dry ash (%)	0511	2.0800	0.22000	2.3977	0.10664	0.06243	23	-2.98	7%	0
032.41	Potassium, ICP, Dry ash (%)	0910	2.2700	0.04000	2.3977	0.10664	0.06243	23	-1.20	3%	0
032.41	Potassium, ICP, Dry ash (%)	0148	2.2850	0.01000	2.3977	0.10664	0.06243	23	-1.06	2%	0
032.41	Potassium, ICP, Dry ash (%)	0098	2.2900	0.06000	2.3977	0.10664	0.06243	23	-1.01	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	2.3250	0.01000	2.3977	0.10664	0.06243	23	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	2012	2.3300	0.02000	2.3977	0.10664	0.06243	23	-0.63	1%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.3425	0.02100	2.3977	0.10664	0.06243	23	-0.52	1%	0
032.41	Potassium, ICP, Dry ash (%)	0405	2.3495	0.00300	2.3977	0.10664	0.06243	23	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0619	2.3500	0.22000	2.3977	0.10664	0.06243	23	-0.45	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	2.3550	0.05000	2.3977	0.10664	0.06243	23	-0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	2.3610	0.02000	2.3977	0.10664	0.06243	23	-0.34	1%	0
032.41	Potassium, ICP, Dry ash (%)	0164	2.3800	0.06000	2.3977	0.10664	0.06243	23	-0.17	0%	0
032.41	Potassium, ICP, Dry ash (%)	0003	2.3900	0.08000	2.3977	0.10664	0.06243	23	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0144	2.4050	0.09000	2.3977	0.10664	0.06243	23	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0413	2.4350	0.09000	2.3977	0.10664	0.06243	23	0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0358	2.4400	0.10000	2.3977	0.10664	0.06243	23	0.40	1%	0
032.41	Potassium, ICP, Dry ash (%)	0171	2.4500	0.00600	2.3977	0.10664	0.06243	23	0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.4900	0.06000	2.3977	0.10664	0.06243	23	0.87	2%	0
032.41	Potassium, ICP, Dry ash (%)	0139	2.4985	0.02300	2.3977	0.10664	0.06243	23	0.95	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	2.5194	0.01200	2.3977	0.10664	0.06243	23	1.14	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	2.5300	0.10000	2.3977	0.10664	0.06243	23	1.24	3%	0
032.41	Potassium, ICP, Dry ash (%)	0074	2.5550	0.05000	2.3977	0.10664	0.06243	23	1.48	3%	0
032.41	Potassium, ICP, Dry ash (%)	0208	2.6695	0.09100	2.3977	0.10664	0.06243	23	2.55	6%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.6150	0.01000	2.4853	0.15087	0.05262	19	-5.77	18%	0
032.42	Potassium, ICP, Open vessel (%)	0042	2.1350	0.05000	2.4853	0.15087	0.05262	19	-2.32	7%	0
032.42	Potassium, ICP, Open vessel (%)	0357	2.3156	0.06770	2.4853	0.15087	0.05262	19	-1.13	3%	0
032.42	Potassium, ICP, Open vessel (%)	0186	2.4000	0.08000	2.4853	0.15087	0.05262	19	-0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	2129	2.4150	0.03000	2.4853	0.15087	0.05262	19	-0.47	1%	0
032.42	Potassium, ICP, Open vessel (%)	0870	2.4320	0.12600	2.4853	0.15087	0.05262	19	-0.35	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	2.4450	0.05000	2.4853	0.15087	0.05262	19	-0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0045	2.4500	0.02000	2.4853	0.15087	0.05262	19	-0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	2.4600	0.10000	2.4853	0.15087	0.05262	19	-0.17	1%	0
032.42	Potassium, ICP, Open vessel (%)	0560	2.4800	0.02000	2.4853	0.15087	0.05262	19	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0009	2.5106	0.03810	2.4853	0.15087	0.05262	19	0.17	1%	0
032.42	Potassium, ICP, Open vessel (%)	0205	2.5150	0.01000	2.4853	0.15087	0.05262	19	0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	2.5150	0.00800	2.4853	0.15087	0.05262	19	0.20	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	2.5200	0.04000	2.4853	0.15087	0.05262	19	0.23	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	2.5250	0.03000	2.4853	0.15087	0.05262	19	0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	0265	2.5850	0.13000	2.4853	0.15087	0.05262	19	0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	0366	2.7350	0.01000	2.4853	0.15087	0.05262	19	1.65	5%	0
032.42	Potassium, ICP, Open vessel (%)	0037	2.7600	0.06000	2.4853	0.15087	0.05262	19	1.82	6%	0
032.42	Potassium, ICP, Open vessel (%)	0692	2.8900	0.12000	2.4853	0.15087	0.05262	19	2.68	8%	0
032.42	Potassium, ICP, Open vessel (%)	0613	2.7350	0.29000	2.4853	0.15087	0.05262	19	1.65	5%	1
032.43	Potassium, ICP, Microwave (%)	0875	1.8750	0.09000	2.3799	0.12225	0.04943	25	-4.13	11%	0
032.43	Potassium, ICP, Microwave (%)	0035	2.2000	0.04000	2.3799	0.12225	0.04943	25	-1.47	4%	0
032.43	Potassium, ICP, Microwave (%)	0034	2.2347	0.00310	2.3799	0.12225	0.04943	25	-1.19	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	2.2550	0.03000	2.3799	0.12225	0.04943	25	-1.02	3%	0
032.43	Potassium, ICP, Microwave (%)	0510	2.2600	0.10000	2.3799	0.12225	0.04943	25	-0.98	3%	0
032.43	Potassium, ICP, Microwave (%)	0629	2.2950	0.01000	2.3799	0.12225	0.04943	25	-0.69	2%	0
032.43	Potassium, ICP, Microwave (%)	0006	2.2970	0.01600	2.3799	0.12225	0.04943	25	-0.68	2%	0
032.43	Potassium, ICP, Microwave (%)	0033	2.3000	0.18000	2.3799	0.12225	0.04943	25	-0.65	2%	0
032.43	Potassium, ICP, Microwave (%)	0964	2.3221	0.08780	2.3799	0.12225	0.04943	25	-0.47	1%	0
032.43	Potassium, ICP, Microwave (%)	0968	2.3380	0.03200	2.3799	0.12225	0.04943	25	-0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	2.3400	0.02000	2.3799	0.12225	0.04943	25	-0.33	1%	0
032.43	Potassium, ICP, Microwave (%)	0038	2.3550	0.13000	2.3799	0.12225	0.04943	25	-0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	2.3900	0.16000	2.3799	0.12225	0.04943	25	0.08	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0861	2.4050	0.03000	2.3799	0.12225	0.04943	25	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	2.4058	0.03090	2.3799	0.12225	0.04943	25	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	2.4400	0.00000	2.3799	0.12225	0.04943	25	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	2.4500	0.00000	2.3799	0.12225	0.04943	25	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	2.4600	0.02000	2.3799	0.12225	0.04943	25	0.66	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	2.4700	0.02000	2.3799	0.12225	0.04943	25	0.74	2%	0
032.43	Potassium, ICP, Microwave (%)	2089	2.4850	0.03000	2.3799	0.12225	0.04943	25	0.86	2%	0
032.43	Potassium, ICP, Microwave (%)	0083	2.4950	0.05000	2.3799	0.12225	0.04943	25	0.94	2%	0
032.43	Potassium, ICP, Microwave (%)	0353	2.5200	0.02000	2.3799	0.12225	0.04943	25	1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	0098	2.5200	0.04000	2.3799	0.12225	0.04943	25	1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	0028	2.5250	0.05000	2.3799	0.12225	0.04943	25	1.19	3%	0
032.43	Potassium, ICP, Microwave (%)	0918	2.5380	0.04600	2.3799	0.12225	0.04943	25	1.29	3%	0
032.43	Potassium, ICP, Microwave (%)	0032	2.3600	0.34000	2.3799	0.12225	0.04943	25	-0.16	0%	1
032.44	Potassium, ICP, Dry ash (%)	2004	2.1950	0.03000				2			0
032.44	Potassium, ICP, Dry ash (%)	0955	2.3000	0.16000				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	2.2835	0.11390				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	2.3500	0.02000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	2.4200	0.02000				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0572	2.5150	0.03000				2			0
032.99	Potassium, Miscellaneous (%)	0100	2.3550	0.01000				2			0
032.99	Potassium, Miscellaneous (%)	0242	2.4300	0.00000				2			0
033.00	Salt as chloride, Sol Cl (%)	0895	3.7150	0.01000	3.8890	0.13205	0.01456	18	-1.32	2%	0
033.00	Salt as chloride, Sol Cl (%)	0353	3.7450	0.05000	3.8890	0.13205	0.01456	18	-1.09	2%	0
033.00	Salt as chloride, Sol Cl (%)	0893	3.7700	0.00000	3.8890	0.13205	0.01456	18	-0.90	2%	0
033.00	Salt as chloride, Sol Cl (%)	0723	3.7900	0.00000	3.8890	0.13205	0.01456	18	-0.75	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	3.8150	0.01000	3.8890	0.13205	0.01456	18	-0.56	1%	0
033.00	Salt as chloride, Sol Cl (%)	0921	3.8150	0.05000	3.8890	0.13205	0.01456	18	-0.56	1%	0
033.00	Salt as chloride, Sol Cl (%)	2093	3.8200	0.02000	3.8890	0.13205	0.01456	18	-0.52	1%	0
033.00	Salt as chloride, Sol Cl (%)	0903	3.8250	0.01000	3.8890	0.13205	0.01456	18	-0.48	1%	0
033.00	Salt as chloride, Sol Cl (%)	0897	3.8600	0.02000	3.8890	0.13205	0.01456	18	-0.22	0%	0
033.00	Salt as chloride, Sol Cl (%)	0045	3.8700	0.00000	3.8890	0.13205	0.01456	18	-0.14	0%	0
033.00	Salt as chloride, Sol Cl (%)	0885	3.8768	0.00110	3.8890	0.13205	0.01456	18	-0.09	0%	0
033.00	Salt as chloride, Sol Cl (%)	0169	3.9100	0.00000	3.8890	0.13205	0.01456	18	0.16	0%	0
033.00	Salt as chloride, Sol Cl (%)	2009	3.9583	0.02280	3.8890	0.13205	0.01456	18	0.53	1%	0
033.00	Salt as chloride, Sol Cl (%)	0366	4.0050	0.03000	3.8890	0.13205	0.01456	18	0.88	1%	0
033.00	Salt as chloride, Sol Cl (%)	0309	4.0093	0.01810	3.8890	0.13205	0.01456	18	0.91	2%	0
033.00	Salt as chloride, Sol Cl (%)	0683	4.0600	0.00000	3.8890	0.13205	0.01456	18	1.30	2%	0
033.00	Salt as chloride, Sol Cl (%)	0693	4.0700	0.00000	3.8890	0.13205	0.01456	18	1.37	2%	0
033.00	Salt as chloride, Sol Cl (%)	0539	4.0900	0.02000	3.8890	0.13205	0.01456	18	1.52	3%	0
033.00	Salt as chloride, Sol Cl (%)	0511	3.7700	0.18000	3.8890	0.13205	0.01456	18	-0.90	2%	1
033.01	Salt as chloride, Poten Cl (%)	0229	3.8050	0.07000	4.0042	0.06108	0.03281	26	-3.26	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	
033.01	Salt as chloride, Poten CI (%)	0638	3.9000	0.00000	4.0042	0.06108	0.03281	26	-1.71	1%	0
033.01	Salt as chloride, Poten CI (%)	0510	3.9250	0.03000	4.0042	0.06108	0.03281	26	-1.30	1%	0
033.01	Salt as chloride, Poten CI (%)	0194	3.9450	0.01000	4.0042	0.06108	0.03281	26	-0.97	1%	0
033.01	Salt as chloride, Poten CI (%)	2109	3.9515	0.02300	4.0042	0.06108	0.03281	26	-0.86	1%	0
033.01	Salt as chloride, Poten CI (%)	0242	3.9650	0.05000	4.0042	0.06108	0.03281	26	-0.64	0%	0
033.01	Salt as chloride, Poten CI (%)	0590	3.9700	0.02000	4.0042	0.06108	0.03281	26	-0.56	0%	0
033.01	Salt as chloride, Poten CI (%)	0226	3.9700	0.12000	4.0042	0.06108	0.03281	26	-0.56	0%	0
033.01	Salt as chloride, Poten CI (%)	0644	3.9700	0.00000	4.0042	0.06108	0.03281	26	-0.56	0%	0
033.01	Salt as chloride, Poten CI (%)	0874	3.9835	0.01700	4.0042	0.06108	0.03281	26	-0.34	0%	0
033.01	Salt as chloride, Poten CI (%)	0098	3.9900	0.00000	4.0042	0.06108	0.03281	26	-0.23	0%	0
033.01	Salt as chloride, Poten CI (%)	0100	3.9900	0.00000	4.0042	0.06108	0.03281	26	-0.23	0%	0
033.01	Salt as chloride, Poten CI (%)	0164	4.0050	0.07000	4.0042	0.06108	0.03281	26	0.01	0%	0
033.01	Salt as chloride, Poten CI (%)	0629	4.0050	0.01000	4.0042	0.06108	0.03281	26	0.01	0%	0
033.01	Salt as chloride, Poten CI (%)	0948	4.0050	0.01000	4.0042	0.06108	0.03281	26	0.01	0%	0
033.01	Salt as chloride, Poten CI (%)	0175	4.0100	0.02000	4.0042	0.06108	0.03281	26	0.10	0%	0
033.01	Salt as chloride, Poten CI (%)	0354	4.0100	0.00000	4.0042	0.06108	0.03281	26	0.10	0%	0
033.01	Salt as chloride, Poten CI (%)	0148	4.0285	0.00900	4.0042	0.06108	0.03281	26	0.40	0%	0
033.01	Salt as chloride, Poten CI (%)	0003	4.0500	0.10000	4.0042	0.06108	0.03281	26	0.75	1%	0
033.01	Salt as chloride, Poten CI (%)	0001	4.0600	0.02000	4.0042	0.06108	0.03281	26	0.91	1%	0
033.01	Salt as chloride, Poten CI (%)	0019	4.0600	0.02000	4.0042	0.06108	0.03281	26	0.91	1%	0
033.01	Salt as chloride, Poten CI (%)	0083	4.0600	0.04000	4.0042	0.06108	0.03281	26	0.91	1%	0
033.01	Salt as chloride, Poten CI (%)	0407	4.0680	0.02400	4.0042	0.06108	0.03281	26	1.05	1%	0
033.01	Salt as chloride, Poten CI (%)	0861	4.0700	0.02000	4.0042	0.06108	0.03281	26	1.08	1%	0
033.01	Salt as chloride, Poten CI (%)	0205	4.1600	0.08000	4.0042	0.06108	0.03281	26	2.55	2%	0
033.01	Salt as chloride, Poten CI (%)	0278	4.2550	0.09000	4.0042	0.06108	0.03281	26	4.11	3%	0
033.03	Salt as chloride, Quantab (%)	0726	3.7900	0.14000	3.9390	0.16111	0.31400	5	-0.92	2%	0
033.03	Salt as chloride, Quantab (%)	0265	3.8200	0.16000	3.9390	0.16111	0.31400	5	-0.74	2%	0
033.03	Salt as chloride, Quantab (%)	0190	3.8600	0.32000	3.9390	0.16111	0.31400	5	-0.49	1%	0
033.03	Salt as chloride, Quantab (%)	0505	4.0900	0.22000	3.9390	0.16111	0.31400	5	0.94	2%	0
033.03	Salt as chloride, Quantab (%)	0144	4.1350	0.73000	3.9390	0.16111	0.31400	5	1.22	2%	0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	3.2850	0.01000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0878	3.6800	0.00000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	3.8950	0.03000				3			0
033.99	Salt, Miscellaneous (%)	0032	1.9950	0.27000	3.1598	1.0307	0.11333	9	-1.13	18%	0
033.99	Salt, Miscellaneous (%)	0358	2.0600	0.14000	3.1598	1.0307	0.11333	9	-1.07	17%	0
033.99	Salt, Miscellaneous (%)	0027	2.2280	0.02000	3.1598	1.0307	0.11333	9	-0.90	15%	0
033.99	Salt, Miscellaneous (%)	0536	2.5900	0.04000	3.1598	1.0307	0.11333	9	-0.55	9%	0
033.99	Salt, Miscellaneous (%)	0552	3.8250	0.07000	3.1598	1.0307	0.11333	9	0.65	11%	0
033.99	Salt, Miscellaneous (%)	0682	3.9000	0.00000	3.1598	1.0307	0.11333	9	0.72	12%	0
033.99	Salt, Miscellaneous (%)	0208	3.9200	0.10000	3.1598	1.0307	0.11333	9	0.74	12%	0
033.99	Salt, Miscellaneous (%)	2073	3.9400	0.10000	3.1598	1.0307	0.11333	9	0.76	12%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
033.99	Salt, Miscellaneous (%)	0910	3.9800	0.28000	3.1598	1.0307	0.11333	9	0.80	13%	0
033.99	Salt, Miscellaneous (%)	0613	3.5550	0.95000	3.1598	1.0307	0.11333	9	0.38	6%	1
034.01	Selenium, Fluor (mg / kg (ppm))	0638	0.40400	0.03800				2			0
034.01	Selenium, Fluor (mg / kg (ppm))	0038	5.2650	0.01000				2			0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0939	2.2750	0.65000	4.0487	1.4548	0.25301	7	-1.22	22%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0904	2.5000	0.02000	4.0487	1.4548	0.25301	7	-1.06	19%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0563	3.5411	0.13110	4.0487	1.4548	0.25301	7	-0.35	6%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0171	4.6700	0.14000	4.0487	1.4548	0.25301	7	0.43	8%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0169	4.9050	0.01000	4.0487	1.4548	0.25301	7	0.59	11%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0045	4.9200	0.78000	4.0487	1.4548	0.25301	7	0.60	11%	0
034.04	Selenium, AA, Hydride (mg / kg (ppm))	0164	5.5300	0.04000	4.0487	1.4548	0.25301	7	1.02	18%	0
034.41	Selenium, ICP, Dry ash (mg / kg (ppm))	0619	3.9350	0.01000				1			0
034.42	Selenium, ICP, Open vessel (mg / kg (ppm))	0692	5.2500	0.30000				1			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0675	4.3650	0.17000				2			0
034.43	Selenium, ICP, Microwave (mg / kg (ppm))	0964	5.1324	0.25010				2			0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0047	4.0400	0.16000	4.9043	0.57576	0.16500	6	-1.50	9%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0016	4.7700	0.06000	4.9043	0.57576	0.16500	6	-0.23	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0910	4.8000	0.50000	4.9043	0.57576	0.16500	6	-0.18	1%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0186	5.0750	0.11000	4.9043	0.57576	0.16500	6	0.30	2%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0208	5.2100	0.06000	4.9043	0.57576	0.16500	6	0.53	3%	0
034.52	Selenium, ICP-MS, Open vessel (mg / kg (ppm))	0560	5.5300	0.10000	4.9043	0.57576	0.16500	6	1.09	6%	0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0918	5.0358	0.09210				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0098	5.5835	0.63300				3			0
034.53	Selenium, ICP-MS, Microwave (mg / kg (ppm))	0553	5.7800	0.10000				3			0
034.99	Selenium, Miscellaneous (mg / kg (ppm))	0190	3.8050	0.11000				1			0
035.01	Sodium, Ion-selective electrode (%)	0878	0.71350	0.00500				3			0
035.01	Sodium, Ion-selective electrode (%)	0689	0.77500	0.01000				3			0
035.01	Sodium, Ion-selective electrode (%)	2006	0.80300	0.02000				3			0
035.05	Sodium, Flame Emission (%)	0108	0.81500	0.03000				2			0
035.05	Sodium, Flame Emission (%)	0504	0.83500	0.01000				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.74500	0.01000	0.80601	0.05204	0.02153	15	-1.17	4%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.74500	0.01000	0.80601	0.05204	0.02153	15	-1.17	4%	0
035.31	Sodium, AAS, Dry ash (%)	0142	0.74970	0.00640	0.80601	0.05204	0.02153	15	-1.08	3%	0
035.31	Sodium, AAS, Dry ash (%)	0683	0.77500	0.01000	0.80601	0.05204	0.02153	15	-0.60	2%	0
035.31	Sodium, AAS, Dry ash (%)	0175	0.78500	0.01000	0.80601	0.05204	0.02153	15	-0.40	1%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.78775	0.01750	0.80601	0.05204	0.02153	15	-0.35	1%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.79000	0.02000	0.80601	0.05204	0.02153	15	-0.31	1%	0
035.31	Sodium, AAS, Dry ash (%)	0874	0.79850	0.03900	0.80601	0.05204	0.02153	15	-0.14	0%	0
035.31	Sodium, AAS, Dry ash (%)	0354	0.80500	0.01000	0.80601	0.05204	0.02153	15	-0.02	0%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.81150	0.00300	0.80601	0.05204	0.02153	15	0.11	0%	0
035.31	Sodium, AAS, Dry ash (%)	0723	0.83010	0.00000	0.80601	0.05204	0.02153	15	0.46	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
035.31	Sodium, AAS, Dry ash (%)	0878	0.83550	0.00300	0.80601	0.05204	0.02153	15	0.57	2%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.87350	0.10300	0.80601	0.05204	0.02153	15	1.30	4%	0
035.31	Sodium, AAS, Dry ash (%)	0208	0.87450	0.01900	0.80601	0.05204	0.02153	15	1.32	4%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.88500	0.06200	0.80601	0.05204	0.02153	15	1.52	5%	0
035.31	Sodium, AAS, Dry ash (%)	0921	1.0045	0.22300	0.80601	0.05204	0.02153	15	3.81	12%	1
035.32	Sodium, AAS, Open vessel (%)	0035	0.79500	0.01000				3			0
035.32	Sodium, AAS, Open vessel (%)	0263	0.81875	0.00150				3			0
035.32	Sodium, AAS, Open vessel (%)	0609	0.82000	0.02000				3			0
035.32	Sodium, AAS, Open vessel (%)	0169	0.00000	0.00000				3			4
035.33	Sodium, AAS, Microwave (%)	0035	0.78500	0.07000				1			0
035.41	Sodium, ICP, Dry ash (%)	0598	0.75765	0.02290	0.80099	0.03431	0.02261	21	-1.26	3%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.76500	0.05000	0.80099	0.03431	0.02261	21	-1.05	2%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.77000	0.00000	0.80099	0.03431	0.02261	21	-0.90	2%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.77200	0.03000	0.80099	0.03431	0.02261	21	-0.85	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.77450	0.00700	0.80099	0.03431	0.02261	21	-0.77	2%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.77500	0.01000	0.80099	0.03431	0.02261	21	-0.76	2%	0
035.41	Sodium, ICP, Dry ash (%)	0405	0.78350	0.00500	0.80099	0.03431	0.02261	21	-0.51	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.78500	0.03000	0.80099	0.03431	0.02261	21	-0.47	1%	0
035.41	Sodium, ICP, Dry ash (%)	2012	0.79000	0.00000	0.80099	0.03431	0.02261	21	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.79200	0.01200	0.80099	0.03431	0.02261	21	-0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.79400	0.00800	0.80099	0.03431	0.02261	21	-0.20	0%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.79500	0.03000	0.80099	0.03431	0.02261	21	-0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	2004	0.80150	0.05100	0.80099	0.03431	0.02261	21	0.01	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.80500	0.01000	0.80099	0.03431	0.02261	21	0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.81000	0.06000	0.80099	0.03431	0.02261	21	0.26	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.81600	0.02200	0.80099	0.03431	0.02261	21	0.44	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.83625	0.03490	0.80099	0.03431	0.02261	21	1.03	2%	0
035.41	Sodium, ICP, Dry ash (%)	0139	0.84150	0.00300	0.80099	0.03431	0.02261	21	1.18	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.85200	0.00200	0.80099	0.03431	0.02261	21	1.49	3%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.89000	0.02000	0.80099	0.03431	0.02261	21	2.59	6%	0
035.41	Sodium, ICP, Dry ash (%)	0208	0.89750	0.06700	0.80099	0.03431	0.02261	21	2.81	6%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.73500	0.01000	0.83848	0.07819	0.01931	15	-1.32	6%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.75650	0.02100	0.83848	0.07819	0.01931	15	-1.05	5%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.76435	0.03010	0.83848	0.07819	0.01931	15	-0.95	4%	0
035.42	Sodium, ICP, Open vessel (%)	0035	0.79000	0.00000	0.83848	0.07819	0.01931	15	-0.62	3%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.80450	0.02700	0.83848	0.07819	0.01931	15	-0.43	2%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.80600	0.00600	0.83848	0.07819	0.01931	15	-0.42	2%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.81850	0.00500	0.83848	0.07819	0.01931	15	-0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0205	0.83600	0.01600	0.83848	0.07819	0.01931	15	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0560	0.84345	0.01150	0.83848	0.07819	0.01931	15	0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.84500	0.01000	0.83848	0.07819	0.01931	15	0.08	0%	0

Test Material Code # 201724

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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	
035.42	Sodium, ICP, Open vessel (%)	0726	0.84640	0.00300	0.83848	0.07819	0.01931	15	0.10	0%	0
035.42	Sodium, ICP, Open vessel (%)	0265	0.89000	0.06000	0.83848	0.07819	0.01931	15	0.66	3%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.93000	0.04000	0.83848	0.07819	0.01931	15	1.17	5%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.96000	0.02000	0.83848	0.07819	0.01931	15	1.55	7%	0
035.42	Sodium, ICP, Open vessel (%)	2053	0.98500	0.03000	0.83848	0.07819	0.01931	15	1.87	9%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.99500	0.19000	0.83848	0.07819	0.01931	15	2.00	9%	1
035.43	Sodium, ICP, Microwave (%)	0510	0.73450	0.00100	0.80149	0.04814	0.02292	21	-1.39	4%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.74500	0.01000	0.80149	0.04814	0.02292	21	-1.17	4%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.75450	0.02300	0.80149	0.04814	0.02292	21	-0.98	3%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.76200	0.00400	0.80149	0.04814	0.02292	21	-0.82	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.76300	0.02000	0.80149	0.04814	0.02292	21	-0.80	2%	0
035.43	Sodium, ICP, Microwave (%)	0034	0.77575	0.06190	0.80149	0.04814	0.02292	21	-0.53	2%	0
035.43	Sodium, ICP, Microwave (%)	0861	0.77800	0.02200	0.80149	0.04814	0.02292	21	-0.49	1%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.78000	0.10000	0.80149	0.04814	0.02292	21	-0.45	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.79000	0.02000	0.80149	0.04814	0.02292	21	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0032	0.79500	0.11000	0.80149	0.04814	0.02292	21	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.79500	0.01000	0.80149	0.04814	0.02292	21	-0.13	0%	0
035.43	Sodium, ICP, Microwave (%)	0006	0.79650	0.00300	0.80149	0.04814	0.02292	21	-0.10	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.80000	0.00000	0.80149	0.04814	0.02292	21	-0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.80500	0.01000	0.80149	0.04814	0.02292	21	0.07	0%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.81000	0.02000	0.80149	0.04814	0.02292	21	0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.82000	0.00000	0.80149	0.04814	0.02292	21	0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.85100	0.00200	0.80149	0.04814	0.02292	21	1.03	3%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.86360	0.03440	0.80149	0.04814	0.02292	21	1.29	4%	0
035.43	Sodium, ICP, Microwave (%)	2033	0.86500	0.01000	0.80149	0.04814	0.02292	21	1.32	4%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.87500	0.01000	0.80149	0.04814	0.02292	21	1.53	5%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.88500	0.01000	0.80149	0.04814	0.02292	21	1.73	5%	0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.81370	0.00260				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.82150	0.01700				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0572	0.81750	0.02900				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.87950	0.08700				2			0
035.99	Sodium, Miscellaneous (%)	0590	0.79500	0.01000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.80000	0.00000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.82000	0.02000				3			0
036.04	Sulfur, LECO (%)	0098	0.44500	0.03000	0.53000	0.05809	0.02800	5	-1.46	8%	0
036.04	Sulfur, LECO (%)	2053	0.50500	0.01000	0.53000	0.05809	0.02800	5	-0.43	2%	0
036.04	Sulfur, LECO (%)	0229	0.53500	0.05000	0.53000	0.05809	0.02800	5	0.09	0%	0
036.04	Sulfur, LECO (%)	0610	0.57500	0.01000	0.53000	0.05809	0.02800	5	0.77	4%	0
036.04	Sulfur, LECO (%)	0226	0.59000	0.04000	0.53000	0.05809	0.02800	5	1.03	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.57000	0.02000	0.62532	0.03425	0.02088	18	-1.62	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.58805	0.01750	0.62532	0.03425	0.02088	18	-1.09	3%	0

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Issue Date : 05/31/2017

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	
036.42	Sulfur, ICP, Open vessel (%)	0164	0.59500	0.01000	0.62532	0.03425	0.02088	18	-0.89	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.60230	0.00740	0.62532	0.03425	0.02088	18	-0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.60240	0.01940	0.62532	0.03425	0.02088	18	-0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.60500	0.01000	0.62532	0.03425	0.02088	18	-0.59	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.60900	0.03200	0.62532	0.03425	0.02088	18	-0.48	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.61800	0.01000	0.62532	0.03425	0.02088	18	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.61850	0.00700	0.62532	0.03425	0.02088	18	-0.20	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.62500	0.01000	0.62532	0.03425	0.02088	18	-0.01	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.63500	0.03000	0.62532	0.03425	0.02088	18	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.63500	0.07000	0.62532	0.03425	0.02088	18	0.28	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.63625	0.00630	0.62532	0.03425	0.02088	18	0.32	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0560	0.64020	0.00420	0.62532	0.03425	0.02088	18	0.43	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.64200	0.03200	0.62532	0.03425	0.02088	18	0.49	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.68000	0.02000	0.62532	0.03425	0.02088	18	1.60	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.75700	0.05000	0.62532	0.03425	0.02088	18	3.85	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.76000	0.02000	0.62532	0.03425	0.02088	18	3.93	11%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.76500	0.11000	0.62532	0.03425	0.02088	18	4.08	11%	1
036.43	Sulfur, ICP, Microwave (%)	0345	0.57350	0.00100	0.61807	0.03861	0.02923	15	-1.15	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.57500	0.01000	0.61807	0.03861	0.02923	15	-1.12	3%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.57900	0.04600	0.61807	0.03861	0.02923	15	-1.01	3%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.58000	0.00000	0.61807	0.03861	0.02923	15	-0.99	3%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.59000	0.08000	0.61807	0.03861	0.02923	15	-0.73	2%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.59700	0.02000	0.61807	0.03861	0.02923	15	-0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.61500	0.01000	0.61807	0.03861	0.02923	15	-0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.62500	0.01000	0.61807	0.03861	0.02923	15	0.18	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.63265	0.01390	0.61807	0.03861	0.02923	15	0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0032	0.63500	0.11000	0.61807	0.03861	0.02923	15	0.44	1%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.63500	0.01000	0.61807	0.03861	0.02923	15	0.44	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.64000	0.00000	0.61807	0.03861	0.02923	15	0.57	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.64985	0.02550	0.61807	0.03861	0.02923	15	0.82	3%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.66800	0.07200	0.61807	0.03861	0.02923	15	1.29	4%	0
036.43	Sulfur, ICP, Microwave (%)	2033	0.81500	0.03000	0.61807	0.03861	0.02923	15	5.10	16%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.59050	0.00100				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.70500	0.01000				1			0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0536	122.72	1.0300	1,177.3	79.664	19.978	19	-13.24	45%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0849	346.93	5.3600	1,177.3	79.664	19.978	19	-10.42	35%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0921	1,009.5	0.00000	1,177.3	79.664	19.978	19	-2.11	7%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0066	1,077.4	40.850	1,177.3	79.664	19.978	19	-1.25	4%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0904	1,136.9	66.340	1,177.3	79.664	19.978	19	-0.51	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	2149	1,148.6	54.740	1,177.3	79.664	19.978	19	-0.36	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0175	1,175.0	10.000	1,177.3	79.664	19.978	19	-0.03	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	
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0878	1,186.5	3.0000	1,177.3	79.664	19.978	19	0.12	0%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0529	1,191.3	45.000	1,177.3	79.664	19.978	19	0.17	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0939	1,198.8	1.4700	1,177.3	79.664	19.978	19	0.27	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0505	1,200.0	40.000	1,177.3	79.664	19.978	19	0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0629	1,200.0	0.00000	1,177.3	79.664	19.978	19	0.28	1%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0208	1,215.0	10.000	1,177.3	79.664	19.978	19	0.47	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0689	1,228.5	10.800	1,177.3	79.664	19.978	19	0.64	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0723	1,232.0	0.00000	1,177.3	79.664	19.978	19	0.69	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0014	1,233.0	14.000	1,177.3	79.664	19.978	19	0.70	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0563	1,236.1	23.325	1,177.3	79.664	19.978	19	0.74	2%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0874	1,240.0	40.000	1,177.3	79.664	19.978	19	0.79	3%	0
037.31	Zinc, AAS, Dry ash (mg / kg (ppm))	0354	1,298.6	13.670	1,177.3	79.664	19.978	19	1.52	5%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0609	400.00	0.00000	886.41	435.95	10.400	5	-0.89	26%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	2128	423.06	0.00000	886.41	435.95	10.400	5	-0.84	24%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0038	1,133.5	35.000	886.41	435.95	10.400	5	0.65	19%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0035	1,215.5	7.0000	886.41	435.95	10.400	5	0.82	24%	0
037.32	Zinc, AAS, Open vessel (mg / kg (ppm))	0504	1,260.0	10.000	886.41	435.95	10.400	5	0.91	26%	0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0948	1,196.6	3.7590				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0504	1,235.0	58.000				3			0
037.33	Zinc, AAS, Microwave (mg / kg (ppm))	0035	1,272.0	146.00				3			0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0520	319.00	4.0000	1,163.2	84.589	30.054	20	-9.98	36%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0619	1,025.5	13.000	1,163.2	84.589	30.054	20	-1.63	6%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0405	1,067.9	0.70000	1,163.2	84.589	30.054	20	-1.13	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0164	1,085.0	50.000	1,163.2	84.589	30.054	20	-0.92	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0171	1,116.0	2.0000	1,163.2	84.589	30.054	20	-0.56	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0407	1,116.5	11.297	1,163.2	84.589	30.054	20	-0.55	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0511	1,132.0	60.000	1,163.2	84.589	30.054	20	-0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0148	1,136.2	7.4000	1,163.2	84.589	30.054	20	-0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0049	1,139.2	25.320	1,163.2	84.589	30.054	20	-0.28	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	2012	1,144.4	24.970	1,163.2	84.589	30.054	20	-0.22	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0019	1,176.5	63.000	1,163.2	84.589	30.054	20	0.16	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0598	1,190.0	8.0000	1,163.2	84.589	30.054	20	0.32	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0358	1,194.4	92.400	1,163.2	84.589	30.054	20	0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0098	1,194.5	17.000	1,163.2	84.589	30.054	20	0.37	1%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0003	1,216.0	34.000	1,163.2	84.589	30.054	20	0.62	2%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0208	1,237.0	14.000	1,163.2	84.589	30.054	20	0.87	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0229	1,243.5	19.000	1,163.2	84.589	30.054	20	0.95	3%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0074	1,245.5	63.000	1,163.2	84.589	30.054	20	0.97	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0226	1,267.5	31.000	1,163.2	84.589	30.054	20	1.23	4%	0
037.41	Zinc, ICP, Dry ash (mg / kg (ppm))	0910	1,319.5	61.000	1,163.2	84.589	30.054	20	1.85	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0026	806.15	20.300	1,142.4	115.40	41.619	19	-2.91	15%	0

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Issue Date : 05/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0278	977.45	35.700	1,142.4	115.40	41.619	19	-1.43	7%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0009	997.14	1.3810	1,142.4	115.40	41.619	19	-1.26	6%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0870	1,031.0	16.000	1,142.4	115.40	41.619	19	-0.97	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0357	1,052.2	55.980	1,142.4	115.40	41.619	19	-0.78	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0186	1,060.5	97.000	1,142.4	115.40	41.619	19	-0.71	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0366	1,100.0	20.000	1,142.4	115.40	41.619	19	-0.37	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	2053	1,147.5	17.000	1,142.4	115.40	41.619	19	0.04	0%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0613	1,157.8	111.40	1,142.4	115.40	41.619	19	0.13	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0045	1,175.0	110.00	1,142.4	115.40	41.619	19	0.28	1%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0560	1,188.5	29.000	1,142.4	115.40	41.619	19	0.40	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0042	1,190.5	15.000	1,142.4	115.40	41.619	19	0.42	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0413	1,195.0	30.000	1,142.4	115.40	41.619	19	0.46	2%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0037	1,200.0	14.000	1,142.4	115.40	41.619	19	0.50	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0693	1,215.0	10.000	1,142.4	115.40	41.619	19	0.63	3%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0190	1,225.5	25.000	1,142.4	115.40	41.619	19	0.72	4%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0726	1,248.0	12.000	1,142.4	115.40	41.619	19	0.91	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0035	1,260.5	49.000	1,142.4	115.40	41.619	19	1.02	5%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0265	1,350.0	122.00	1,142.4	115.40	41.619	19	1.80	9%	0
037.42	Zinc, ICP, Open vessel (mg / kg (ppm))	0692	1,465.0	230.00	1,142.4	115.40	41.619	19	2.80	14%	1
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0345	975.00	10.000	1,181.9	90.752	30.221	22	-2.28	9%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0510	1,055.0	10.000	1,181.9	90.752	30.221	22	-1.40	5%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0033	1,095.0	50.000	1,181.9	90.752	30.221	22	-0.96	4%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0202	1,113.2	9.0300	1,181.9	90.752	30.221	22	-0.76	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0169	1,114.0	22.000	1,181.9	90.752	30.221	22	-0.75	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0610	1,114.5	7.0000	1,181.9	90.752	30.221	22	-0.74	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0032	1,115.0	70.000	1,181.9	90.752	30.221	22	-0.74	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0034	1,117.9	28.900	1,181.9	90.752	30.221	22	-0.71	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0629	1,140.0	0.00000	1,181.9	90.752	30.221	22	-0.46	2%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0918	1,166.2	21.960	1,181.9	90.752	30.221	22	-0.17	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0964	1,178.2	83.180	1,181.9	90.752	30.221	22	-0.04	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	2089	1,190.1	3.8200	1,181.9	90.752	30.221	22	0.09	0%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0675	1,202.2	41.630	1,181.9	90.752	30.221	22	0.22	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0083	1,205.0	20.000	1,181.9	90.752	30.221	22	0.26	1%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0098	1,245.0	32.000	1,181.9	90.752	30.221	22	0.70	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0035	1,246.5	57.000	1,181.9	90.752	30.221	22	0.71	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0027	1,252.0	25.340	1,181.9	90.752	30.221	22	0.77	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0682	1,252.9	0.00000	1,181.9	90.752	30.221	22	0.78	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0968	1,256.5	23.000	1,181.9	90.752	30.221	22	0.82	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0861	1,260.0	20.000	1,181.9	90.752	30.221	22	0.86	3%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0353	1,349.0	20.000	1,181.9	90.752	30.221	22	1.84	7%	0
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0006	1,395.0	110.00	1,181.9	90.752	30.221	22	2.35	9%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (mg / kg (ppm))	0297	1,449.5	175.00	1,181.9	90.752	30.221	22	2.95	11%	1
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	0955	1,047.5	75.000				2			0
037.44	Zinc, ICP, Dry ash (mg / kg (ppm))	2004	1,135.0	10.000				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0047	827.05	13.300				2			0
037.52	Zinc, ICP-MS, Open vessel (mg / kg (ppm))	0186	1,196.5	77.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0572	1,190.0	80.000				2			0
037.53	Zinc, ICP-MS, Microwave (mg / kg (ppm))	0553	1,325.0	90.000				2			0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0242	1,190.0	54.000	1,232.4	50.976	17.750	4	-1.09	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	2129	1,197.5	1.0000	1,232.4	50.976	17.750	4	-0.94	2%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0590	1,241.0	8.0000	1,232.4	50.976	17.750	4	-0.11	0%	0
037.99	Zinc, Miscellaneous (mg / kg (ppm))	0100	1,301.0	8.0000	1,232.4	50.976	17.750	4	1.05	2%	0
038.41	Molybdenum, ICP, Dry ash (mg / kg (ppm))	0226	3.0300	0.00000				1			0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0045	1.4500	0.10000	2.5188	0.80248	0.22250	4	-1.33	21%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0278	2.4650	0.17000	2.5188	0.80248	0.22250	4	-0.07	1%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	0693	2.8000	0.08000	2.5188	0.80248	0.22250	4	0.35	6%	0
038.42	Molybdenum, ICP, Open vessel (mg / kg (ppm))	2053	3.3600	0.54000	2.5188	0.80248	0.22250	4	1.05	17%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0345	2.2700	0.10000	2.9390	0.59167	0.15033	7	-1.13	11%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0169	2.5250	0.05000	2.9390	0.59167	0.15033	7	-0.70	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0353	2.5497	0.27450	2.9390	0.59167	0.15033	7	-0.66	7%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0510	3.0000	0.00000	2.9390	0.59167	0.15033	7	0.10	1%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0964	3.1780	0.04780	2.9390	0.59167	0.15033	7	0.40	4%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0297	3.2850	0.23000	2.9390	0.59167	0.15033	7	0.58	6%	0
038.43	Molybdenum, ICP, Microwave (mg / kg (ppm))	0032	3.7650	0.35000	2.9390	0.59167	0.15033	7	1.40	14%	0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0910	2.6050	0.33000				2			0
038.52	Molybdenum, ICP-MS, Open vessel (mg / kg (ppm))	0186	2.8150	0.07000				2			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0098	2.3605	0.45100				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0918	3.2998	0.03300				3			0
038.53	Molybdenum, ICP-MS, Microwave (mg / kg (ppm))	0553	3.7550	0.07000				3			0
040.42	Barium, ICP, Open vessel (mg / kg (ppm))	0560	11.975	0.95000				1			0
040.43	Barium, ICP, Microwave (mg / kg (ppm))	0032	11.750	0.90000				1			0
040.53	Barium, ICP-MS, Microwave (mg / kg (ppm))	0918	9.9549	0.30260				1			0
041.53	Vanadium, ICP-MS, Microwave (mg / kg (ppm))	0553	1.5800	0.04000				1			0
042.00	Chloride, Titrimetric (%)	0638	2.3800	0.00000				3			0
042.00	Chloride, Titrimetric (%)	0948	2.4350	0.01000				3			0
042.00	Chloride, Titrimetric (%)	0297	2.5500	0.14000				3			0
042.02	Chloride, Ion Chromatography (%)	0413	2.4200	0.12000				1			0
042.99	Chloride, Miscellaneous (%)	0613	2.3100	0.62000				1			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0675	619.11	2.9100				2			0
101.00	Choline Chloride, Microbiological (mg / kg (ppm))	0227	2,030.0	20.000				2			0
101.01	Choline Chloride, Chem (mg / kg (ppm))	2004	1,600.0	60.000				1			0
101.02	Choline Chloride, LC (mg / kg (ppm))	0644	933.00	0.00000				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
102.01	Niacin, Microbiological (mg / kg (ppm))	0227	714.00	42.000				1			0
102.02	Niacin, LC (mg / kg (ppm))	0904	623.39	52.630				1			0
102.99	Niacin, Miscellaneous (mg / kg (ppm))	0096	623.55	73.700				1			0
103.01	Pantothenic Acid, Microbiological (mg / kg (ppm))	0227	10.030	0.94000				1			0
103.02	Pantothenic Acid, LC (mg / kg (ppm))	0629	15.500	0.00000				1			0
103.99	Pantothenic Acid, Miscellaneous (mg / kg (ppm))	0096	16.700	0.00000				1			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0227	3.8050	0.05000				2			0
104.00	Riboflavin, Fluorometric (mg / kg (ppm))	0096	3.8200	0.12000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0208	1.8450	0.39000				2			0
104.03	Riboflavin, LC (mg / kg (ppm))	0910	2.1500	0.40000				2			0
105.00	Thiamine, LC (mg / kg (ppm))	0910	21.170	8.5200				1			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0096	16.550	0.50000				2			0
105.01	Thiamine, Fluorometer (mg / kg (ppm))	0227	29.750	1.3000				2			0
106.00	Vitamin A, Color (KU / kg)	0171	29.400	2.6000				3			0
106.00	Vitamin A, Color (KU / kg)	0964	29.618	7.8065				3			0
106.00	Vitamin A, Color (KU / kg)	0019	47.024	1.4460				3			0
106.01	Vitamin A, UV (KU / kg)	0098	27.100	2.0000				1			0
106.02	Vitamin A, LC (KU / kg)	2053	23.450	4.3000	30.407	5.3458	2.5729	19	-1.30	11%	0
106.02	Vitamin A, LC (KU / kg)	0208	23.589	1.3220	30.407	5.3458	2.5729	19	-1.28	11%	0
106.02	Vitamin A, LC (KU / kg)	0638	25.400	0.00000	30.407	5.3458	2.5729	19	-0.94	8%	0
106.02	Vitamin A, LC (KU / kg)	0563	25.650	0.30700	30.407	5.3458	2.5729	19	-0.89	8%	0
106.02	Vitamin A, LC (KU / kg)	0004	26.550	3.6600	30.407	5.3458	2.5729	19	-0.72	6%	0
106.02	Vitamin A, LC (KU / kg)	0904	26.905	2.5300	30.407	5.3458	2.5729	19	-0.66	6%	0
106.02	Vitamin A, LC (KU / kg)	0610	27.050	2.3000	30.407	5.3458	2.5729	19	-0.63	6%	0
106.02	Vitamin A, LC (KU / kg)	0941	29.638	0.12400	30.407	5.3458	2.5729	19	-0.14	1%	0
106.02	Vitamin A, LC (KU / kg)	0027	29.741	0.20700	30.407	5.3458	2.5729	19	-0.12	1%	0
106.02	Vitamin A, LC (KU / kg)	0003	30.400	4.8000	30.407	5.3458	2.5729	19	0.00	0%	0
106.02	Vitamin A, LC (KU / kg)	0910	31.400	1.6000	30.407	5.3458	2.5729	19	0.19	2%	0
106.02	Vitamin A, LC (KU / kg)	0148	32.040	0.26000	30.407	5.3458	2.5729	19	0.31	3%	0
106.02	Vitamin A, LC (KU / kg)	2103	32.090	3.9400	30.407	5.3458	2.5729	19	0.31	3%	0
106.02	Vitamin A, LC (KU / kg)	0035	32.405	0.89000	30.407	5.3458	2.5729	19	0.37	3%	0
106.02	Vitamin A, LC (KU / kg)	0227	32.650	9.5000	30.407	5.3458	2.5729	19	0.42	4%	0
106.02	Vitamin A, LC (KU / kg)	0014	33.500	2.8000	30.407	5.3458	2.5729	19	0.58	5%	0
106.02	Vitamin A, LC (KU / kg)	0905	46.859	1.0960	30.407	5.3458	2.5729	19	3.08	27%	0
106.02	Vitamin A, LC (KU / kg)	0675	50.125	7.2500	30.407	5.3458	2.5729	19	3.69	32%	0
106.02	Vitamin A, LC (KU / kg)	0169	61.000	2.0000	30.407	5.3458	2.5729	19	5.72	50%	0
106.02	Vitamin A, LC (KU / kg)	0861	20.395	16.810	30.407	5.3458	2.5729	19	-1.87	16%	1
107.00	Vitamin B12, Microbiological (µg / kg (ppb))	0227	17.950	0.70000				1			0
107.99	Vitamin B12, Miscellaneous (µg / kg (ppb))	0096	20.950	3.1000				1			0
108.01	Vitamin D3, LC, AOAC (KU / kg)	0169	5.5000	1.0000				1			0
108.02	Vitamin D3, LC (KU / kg)	0861	5.2800	1.2000	6.0600	0.82174	1.3160	5	-0.95	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
108.02	Vitamin D3, LC (KU / kg)	0675	5.3000	0.30000	6.0600	0.82174	1.3160	5	-0.92	6%	0
108.02	Vitamin D3, LC (KU / kg)	0904	6.0700	0.26000	6.0600	0.82174	1.3160	5	0.01	0%	0
108.02	Vitamin D3, LC (KU / kg)	0208	6.4100	3.6600	6.0600	0.82174	1.3160	5	0.43	3%	0
108.02	Vitamin D3, LC (KU / kg)	0227	7.2400	1.1600	6.0600	0.82174	1.3160	5	1.44	10%	0
108.99	Vitamin D3, Miscellaneous (KU / kg)	2004	7,685.0	210.00				1			0
109.02	Vitamin E, LC (IU/kg)	0169	22.000	2.0000	510.19	52.367	14.364	16	-9.32	48%	0
109.02	Vitamin E, LC (IU/kg)	0148	442.13	1.6600	510.19	52.367	14.364	16	-1.30	7%	0
109.02	Vitamin E, LC (IU/kg)	0610	447.00	18.000	510.19	52.367	14.364	16	-1.21	6%	0
109.02	Vitamin E, LC (IU/kg)	0941	470.40	3.2000	510.19	52.367	14.364	16	-0.76	4%	0
109.02	Vitamin E, LC (IU/kg)	0904	481.43	6.8600	510.19	52.367	14.364	16	-0.55	3%	0
109.02	Vitamin E, LC (IU/kg)	0208	493.80	27.332	510.19	52.367	14.364	16	-0.31	2%	0
109.02	Vitamin E, LC (IU/kg)	0861	500.00	40.000	510.19	52.367	14.364	16	-0.19	1%	0
109.02	Vitamin E, LC (IU/kg)	2103	515.00	2.0000	510.19	52.367	14.364	16	0.09	0%	0
109.02	Vitamin E, LC (IU/kg)	0905	522.00	10.000	510.19	52.367	14.364	16	0.23	1%	0
109.02	Vitamin E, LC (IU/kg)	0098	525.00	28.000	510.19	52.367	14.364	16	0.28	1%	0
109.02	Vitamin E, LC (IU/kg)	0676	532.60	11.000	510.19	52.367	14.364	16	0.43	2%	0
109.02	Vitamin E, LC (IU/kg)	0910	546.15	9.5000	510.19	52.367	14.364	16	0.69	4%	0
109.02	Vitamin E, LC (IU/kg)	0723	550.95	0.00000	510.19	52.367	14.364	16	0.78	4%	0
109.02	Vitamin E, LC (IU/kg)	0563	551.68	11.766	510.19	52.367	14.364	16	0.79	4%	0
109.02	Vitamin E, LC (IU/kg)	0227	573.00	42.000	510.19	52.367	14.364	16	1.20	6%	0
109.02	Vitamin E, LC (IU/kg)	0675	580.22	16.510	510.19	52.367	14.364	16	1.34	7%	0
112.01	Pyridoxine, LC (µg / g)	0227	4.6850	0.13000				1			0
112.99	Pyridoxine, Miscellaneous (µg / g)	0096	5.5000	0.40000				1			0
113.01	Folic Acid, Micro (mg / kg (ppm))	0227	1.7900	0.14000				1			0
114.01	Biotin, Microbiological (mg / kg (ppm))	0227	0.32200	0.02400				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0035	2.2100	0.02000	9.1940	5.9953	0.39600	5	-1.16	38%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0505	5.2950	0.17000	9.1940	5.9953	0.39600	5	-0.65	21%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0004	7.7150	0.69000	9.1940	5.9953	0.39600	5	-0.25	8%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0366	14.600	0.60000	9.1940	5.9953	0.39600	5	0.90	29%	0
115.00	Non Protein N (NPN), Urea + Am, Urease method	0003	16.150	0.50000	9.1940	5.9953	0.39600	5	1.16	38%	0
115.01	Non Protein N (NPN), Automated (%)	0028	1.8350	0.01400				1			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0027	1.9550	0.01000				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0904	2.6950	0.05000				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.88750	0.02100	0.95219	0.03186	0.01648	18	-2.03	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.91000	0.02000	0.95219	0.03186	0.01648	18	-1.32	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.92000	0.00000	0.95219	0.03186	0.01648	18	-1.01	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.93050	0.01300	0.95219	0.03186	0.01648	18	-0.68	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.93750	0.00500	0.95219	0.03186	0.01648	18	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.94000	0.00800	0.95219	0.03186	0.01648	18	-0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.94000	0.00000	0.95219	0.03186	0.01648	18	-0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0227	0.94500	0.01000	0.95219	0.03186	0.01648	18	-0.23	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.94600	0.00200	0.95219	0.03186	0.01648	18	-0.19	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.94920	0.02880	0.95219	0.03186	0.01648	18	-0.09	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0662	0.95655	0.00930	0.95219	0.03186	0.01648	18	0.14	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.96450	0.02700	0.95219	0.03186	0.01648	18	0.39	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.96475	0.00750	0.95219	0.03186	0.01648	18	0.39	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.96600	0.00600	0.95219	0.03186	0.01648	18	0.43	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.97000	0.06000	0.95219	0.03186	0.01648	18	0.56	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0171	0.99500	0.01000	0.95219	0.03186	0.01648	18	1.34	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	1.0013	0.04910	0.95219	0.03186	0.01648	18	1.54	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0955	1.0700	0.02000	0.95219	0.03186	0.01648	18	3.70	6%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.6150	0.00200	0.95219	0.03186	0.01648	18	20.80	35%	2
120.02	Alanine, Post-col OPA Der (%)	0098	0.96300	0.05000				1			0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.90750	0.01100				3			0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.94000	0.04000				3			0
120.05	Alanine, Pre-col AQC Der (%)	0939	1.0050	0.01000				3			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.2670	0.03600	1.3587	0.03855	0.01681	18	-2.38	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.3165	0.02770	1.3587	0.03855	0.01681	18	-1.10	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0662	1.3265	0.01050	1.3587	0.03855	0.01681	18	-0.84	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.3300	0.02000	1.3587	0.03855	0.01681	18	-0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.3300	0.00000	1.3587	0.03855	0.01681	18	-0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0227	1.3400	0.04000	1.3587	0.03855	0.01681	18	-0.49	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.3450	0.01000	1.3587	0.03855	0.01681	18	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.3450	0.01000	1.3587	0.03855	0.01681	18	-0.36	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.3495	0.01900	1.3587	0.03855	0.01681	18	-0.24	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.3510	0.00600	1.3587	0.03855	0.01681	18	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.3590	0.00800	1.3587	0.03855	0.01681	18	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.3697	0.02440	1.3587	0.03855	0.01681	18	0.28	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.3805	0.00100	1.3587	0.03855	0.01681	18	0.56	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.3820	0.01000	1.3587	0.03855	0.01681	18	0.60	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.4000	0.04000	1.3587	0.03855	0.01681	18	1.07	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.4050	0.01000	1.3587	0.03855	0.01681	18	1.20	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0171	1.4100	0.00000	1.3587	0.03855	0.01681	18	1.33	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0955	1.4250	0.03000	1.3587	0.03855	0.01681	18	1.72	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	2.1805	0.01500	1.3587	0.03855	0.01681	18	21.32	30%	2
121.02	Arginine, Post-col OPA Der (%)	0098	1.3500	0.01000				1			0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.2980	0.07000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.4000	0.08000				3			0
121.05	Arginine, Pre-col AQC Der (%)	0939	1.4050	0.03000				3			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.8220	0.08000	1.9137	0.05546	0.02477	18	-1.65	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.8500	0.00000	1.9137	0.05546	0.02477	18	-1.15	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.8550	0.01000	1.9137	0.05546	0.02477	18	-1.06	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	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.8705	0.00500	1.9137	0.05546	0.02477	18	-0.78	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.8725	0.00500	1.9137	0.05546	0.02477	18	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.8850	0.01000	1.9137	0.05546	0.02477	18	-0.52	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.8940	0.00400	1.9137	0.05546	0.02477	18	-0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0227	1.8950	0.03000	1.9137	0.05546	0.02477	18	-0.34	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.8995	0.01500	1.9137	0.05546	0.02477	18	-0.26	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.9090	0.01000	1.9137	0.05546	0.02477	18	-0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.9350	0.05000	1.9137	0.05546	0.02477	18	0.38	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.9386	0.00050	1.9137	0.05546	0.02477	18	0.45	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.9500	0.06000	1.9137	0.05546	0.02477	18	0.66	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0662	1.9516	0.02580	1.9137	0.05546	0.02477	18	0.68	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.9625	0.02500	1.9137	0.05546	0.02477	18	0.88	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.9655	0.09550	1.9137	0.05546	0.02477	18	0.93	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0171	1.9850	0.01000	1.9137	0.05546	0.02477	18	1.29	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0955	2.0650	0.01000	1.9137	0.05546	0.02477	18	2.73	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	3.0715	0.01900	1.9137	0.05546	0.02477	18	20.88	30%	2
122.02	Aspartic, Post-col OPA Der (%)	0098	1.9095	0.05900				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.9445	0.13300				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.9500	0.14000				3			0
122.05	Aspartic, Pre-col AQC Der (%)	0939	1.9500	0.04000				3			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0227	0.31500	0.01000	0.35770	0.03080	0.00780	19	-1.39	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0684	0.32300	0.01000	0.35770	0.03080	0.00780	19	-1.13	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0870	0.32700	0.01440	0.35770	0.03080	0.00780	19	-1.00	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0171	0.33500	0.01000	0.35770	0.03080	0.00780	19	-0.74	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0918	0.33595	0.00630	0.35770	0.03080	0.00780	19	-0.71	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.33900	0.00400	0.35770	0.03080	0.00780	19	-0.61	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.34000	0.00000	0.35770	0.03080	0.00780	19	-0.57	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0619	0.34350	0.00100	0.35770	0.03080	0.00780	19	-0.46	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.34500	0.01000	0.35770	0.03080	0.00780	19	-0.41	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0662	0.36405	0.01350	0.35770	0.03080	0.00780	19	0.21	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0354	0.36500	0.00600	0.35770	0.03080	0.00780	19	0.24	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.36500	0.01000	0.35770	0.03080	0.00780	19	0.24	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.36500	0.01000	0.35770	0.03080	0.00780	19	0.24	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.36800	0.00400	0.35770	0.03080	0.00780	19	0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2059	0.37750	0.00300	0.35770	0.03080	0.00780	19	0.64	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0955	0.38000	0.01200	0.35770	0.03080	0.00780	19	0.72	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.40050	0.01300	0.35770	0.03080	0.00780	19	1.39	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.40500	0.01000	0.35770	0.03080	0.00780	19	1.54	7%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0859	0.63050	0.00100	0.35770	0.03080	0.00780	19	8.86	38%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.36800	0.00200				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0723	0.33650	0.00000	0.35925	0.01633	0.01725	4	-1.12	3%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs	Z Score	%RSD	
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.36050	0.04900	0.35925	0.01633	0.01725	4	0.08	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.36500	0.01000	0.35925	0.01633	0.01725	4	0.31	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0939	0.37500	0.01000	0.35925	0.01633	0.01725	4	0.81	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.5250	0.03000	3.6585	0.09452	0.05658	18	-1.41	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	3.5455	0.09100	3.6585	0.09452	0.05658	18	-1.20	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.5730	0.00000	3.6585	0.09452	0.05658	18	-0.90	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.5890	0.01400	3.6585	0.09452	0.05658	18	-0.74	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0227	3.5950	0.09000	3.6585	0.09452	0.05658	18	-0.67	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.6150	0.01000	3.6585	0.09452	0.05658	18	-0.46	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.6315	0.01100	3.6585	0.09452	0.05658	18	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.6350	0.04000	3.6585	0.09452	0.05658	18	-0.25	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.6385	0.06700	3.6585	0.09452	0.05658	18	-0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0171	3.6450	0.03000	3.6585	0.09452	0.05658	18	-0.14	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	3.6521	0.03780	3.6585	0.09452	0.05658	18	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.6660	0.01000	3.6585	0.09452	0.05658	18	0.08	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.6850	0.03000	3.6585	0.09452	0.05658	18	0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	3.7361	0.22510	3.6585	0.09452	0.05658	18	0.82	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.7550	0.21000	3.6585	0.09452	0.05658	18	1.02	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0662	3.7713	0.03260	3.6585	0.09452	0.05658	18	1.19	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.7950	0.03000	3.6585	0.09452	0.05658	18	1.44	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0955	3.9200	0.06000	3.6585	0.09452	0.05658	18	2.77	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	5.7805	0.03700	3.6585	0.09452	0.05658	18	22.45	29%	2
125.02	Glutamic, Post-col OPA Der (%)	0098	3.6960	0.05600				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0676	3.6300	0.20000				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.7285	0.23900				3			0
125.05	Glutamic, Pre-col AQC Der (%)	0939	3.8550	0.05000				3			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.91750	0.02300	0.96670	0.02164	0.01043	17	-2.27	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.94000	0.00000	0.96670	0.02164	0.01043	17	-1.23	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0171	0.94500	0.01000	0.96670	0.02164	0.01043	17	-1.00	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.94500	0.01000	0.96670	0.02164	0.01043	17	-1.00	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.95500	0.01000	0.96670	0.02164	0.01043	17	-0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.95985	0.02670	0.96670	0.02164	0.01043	17	-0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0227	0.96000	0.02000	0.96670	0.02164	0.01043	17	-0.31	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.96800	0.00000	0.96670	0.02164	0.01043	17	0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0662	0.96825	0.00470	0.96670	0.02164	0.01043	17	0.07	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.96900	0.01400	0.96670	0.02164	0.01043	17	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.97050	0.00700	0.96670	0.02164	0.01043	17	0.18	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.97600	0.00200	0.96670	0.02164	0.01043	17	0.43	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.97800	0.00400	0.96670	0.02164	0.01043	17	0.52	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.98050	0.00300	0.96670	0.02164	0.01043	17	0.64	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.98745	0.02090	0.96670	0.02164	0.01043	17	0.96	1%	0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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 (%)	0571	0.99800	0.01200	0.96670	0.02164	0.01043	17	1.45	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0955	1.0550	0.01000	0.96670	0.02164	0.01043	17	4.08	5%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.99000	0.06000	0.96670	0.02164	0.01043	17	1.08	1%	1
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.5855	0.00500	0.96670	0.02164	0.01043	17	28.60	32%	2
126.02	Glycine, Post-col OPA Der (%)	0098	0.96350	0.00500				1			0
126.05	Glycine, Pre-col AQC Der (%)	0939	0.94000	0.02000				3			0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.97800	0.06200				3			0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.99500	0.05000				3			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.47800	0.02400	0.51902	0.02800	0.01118	18	-1.46	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.48000	0.00200	0.51902	0.02800	0.01118	18	-1.39	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.49000	0.00000	0.51902	0.02800	0.01118	18	-1.04	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.49750	0.00100	0.51902	0.02800	0.01118	18	-0.77	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.50425	0.01270	0.51902	0.02800	0.01118	18	-0.53	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0227	0.51000	0.02000	0.51902	0.02800	0.01118	18	-0.32	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0662	0.51215	0.01110	0.51902	0.02800	0.01118	18	-0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.51500	0.01000	0.51902	0.02800	0.01118	18	-0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.51850	0.00300	0.51902	0.02800	0.01118	18	-0.02	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.52350	0.03700	0.51902	0.02800	0.01118	18	0.16	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.52500	0.01000	0.51902	0.02800	0.01118	18	0.21	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.52600	0.00800	0.51902	0.02800	0.01118	18	0.25	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.52635	0.02050	0.51902	0.02800	0.01118	18	0.26	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.52700	0.01200	0.51902	0.02800	0.01118	18	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.52700	0.00600	0.51902	0.02800	0.01118	18	0.29	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.56000	0.00000	0.51902	0.02800	0.01118	18	1.46	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0171	0.59000	0.02000	0.51902	0.02800	0.01118	18	2.53	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.79100	0.00400	0.51902	0.02800	0.01118	18	9.71	26%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.51250	0.04500				1			0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.46400	0.04800				3			0
127.05	Histidine, Pre-col AQC Der (%)	0939	0.49000	0.00000				3			0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.50000	0.02000				3			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.67750	0.00700	0.82185	0.03820	0.01555	18	-3.78	9%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0171	0.78000	0.00000	0.82185	0.03820	0.01555	18	-1.10	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.78000	0.00000	0.82185	0.03820	0.01555	18	-1.10	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.78650	0.00100	0.82185	0.03820	0.01555	18	-0.93	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.79000	0.01200	0.82185	0.03820	0.01555	18	-0.83	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0227	0.81000	0.02000	0.82185	0.03820	0.01555	18	-0.31	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.81200	0.00600	0.82185	0.03820	0.01555	18	-0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0662	0.81275	0.02050	0.82185	0.03820	0.01555	18	-0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.81400	0.00800	0.82185	0.03820	0.01555	18	-0.21	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.81860	0.06380	0.82185	0.03820	0.01555	18	-0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.83100	0.00800	0.82185	0.03820	0.01555	18	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	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.83850	0.00100	0.82185	0.03820	0.01555	18	0.44	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.84050	0.01700	0.82185	0.03820	0.01555	18	0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.84580	0.02060	0.82185	0.03820	0.01555	18	0.63	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.85500	0.01000	0.82185	0.03820	0.01555	18	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.86500	0.05000	0.82185	0.03820	0.01555	18	1.13	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.87000	0.02000	0.82185	0.03820	0.01555	18	1.26	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0955	0.95150	0.01500	0.82185	0.03820	0.01555	18	3.39	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.5410	0.00800	0.82185	0.03820	0.01555	18	18.83	44%	2
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.80050	0.04100				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.67250	0.04100				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0939	0.74000	0.00000				3			0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.79500	0.05000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	1.3575	0.03700	1.4489	0.03889	0.02007	18	-2.35	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	1.3914	0.06480	1.4489	0.03889	0.02007	18	-1.48	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.4250	0.01000	1.4489	0.03889	0.02007	18	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.4250	0.01000	1.4489	0.03889	0.02007	18	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.4250	0.00200	1.4489	0.03889	0.02007	18	-0.62	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.4285	0.01500	1.4489	0.03889	0.02007	18	-0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.4335	0.00900	1.4489	0.03889	0.02007	18	-0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0227	1.4350	0.03000	1.4489	0.03889	0.02007	18	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.4350	0.01000	1.4489	0.03889	0.02007	18	-0.36	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.4465	0.00700	1.4489	0.03889	0.02007	18	-0.06	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0662	1.4497	0.02470	1.4489	0.03889	0.02007	18	0.02	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.4695	0.04300	1.4489	0.03889	0.02007	18	0.53	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0171	1.4700	0.00000	1.4489	0.03889	0.02007	18	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.4755	0.01900	1.4489	0.03889	0.02007	18	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.4850	0.01000	1.4489	0.03889	0.02007	18	0.93	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.4850	0.05000	1.4489	0.03889	0.02007	18	0.93	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	1.5031	0.01980	1.4489	0.03889	0.02007	18	1.39	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0955	1.6500	0.00000	1.4489	0.03889	0.02007	18	5.17	7%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.5670	0.00200	1.4489	0.03889	0.02007	18	28.75	39%	2
129.02	Leucine, Post-col OPA Der (%)	0098	1.4415	0.00300				1			0
129.05	Leucine, Pre-col AQC Der (%)	0939	1.4200	0.00000				3			0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.4375	0.02300				3			0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.4400	0.08000				3			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.95300	0.01000	1.0265	0.03608	0.01888	19	-2.04	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.98500	0.01000	1.0265	0.03608	0.01888	19	-1.15	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0227	0.99500	0.07000	1.0265	0.03608	0.01888	19	-0.87	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.99500	0.01000	1.0265	0.03608	0.01888	19	-0.87	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.99600	0.00800	1.0265	0.03608	0.01888	19	-0.85	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.99900	0.01000	1.0265	0.03608	0.01888	19	-0.76	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	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.0110	0.00000	1.0265	0.03608	0.01888	19	-0.43	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.0280	0.00800	1.0265	0.03608	0.01888	19	0.04	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.0285	0.01300	1.0265	0.03608	0.01888	19	0.06	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.0290	0.00200	1.0265	0.03608	0.01888	19	0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0918	1.0298	0.03660	1.0265	0.03608	0.01888	19	0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.0350	0.05000	1.0265	0.03608	0.01888	19	0.24	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0662	1.0353	0.01410	1.0265	0.03608	0.01888	19	0.24	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	1.0354	0.03800	1.0265	0.03608	0.01888	19	0.25	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.0380	0.02600	1.0265	0.03608	0.01888	19	0.32	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0955	1.0500	0.02000	1.0265	0.03608	0.01888	19	0.65	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.0800	0.00000	1.0265	0.03608	0.01888	19	1.48	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0171	1.2200	0.02000	1.0265	0.03608	0.01888	19	5.36	9%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.5995	0.01300	1.0265	0.03608	0.01888	19	15.88	28%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.0395	0.04700				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0723	0.92900	0.00000	0.98488	0.04346	0.03175	4	-1.29	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0939	0.98500	0.01000	0.98488	0.04346	0.03175	4	0.00	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.99050	0.04700	0.98488	0.04346	0.03175	4	0.13	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	1.0350	0.07000	0.98488	0.04346	0.03175	4	1.15	3%	0
130.99	L-Lysine, Miscellaneous (%)	2053	0.89550	0.01100				1			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.23500	0.01000	0.27125	0.02782	0.00663	19	-1.30	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0171	0.24000	0.00000	0.27125	0.02782	0.00663	19	-1.12	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0227	0.24000	0.00000	0.27125	0.02782	0.00663	19	-1.12	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.24050	0.02100	0.27125	0.02782	0.00663	19	-1.11	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.24915	0.02230	0.27125	0.02782	0.00663	19	-0.79	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.26050	0.00500	0.27125	0.02782	0.00663	19	-0.39	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.26500	0.01000	0.27125	0.02782	0.00663	19	-0.22	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.26550	0.01100	0.27125	0.02782	0.00663	19	-0.21	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.26900	0.00400	0.27125	0.02782	0.00663	19	-0.08	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.27000	0.00000	0.27125	0.02782	0.00663	19	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.27000	0.00400	0.27125	0.02782	0.00663	19	-0.04	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.27400	0.00200	0.27125	0.02782	0.00663	19	0.10	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.28000	0.02000	0.27125	0.02782	0.00663	19	0.31	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0955	0.28000	0.00400	0.27125	0.02782	0.00663	19	0.31	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.28700	0.00000	0.27125	0.02782	0.00663	19	0.57	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.28950	0.00300	0.27125	0.02782	0.00663	19	0.66	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.31265	0.00910	0.27125	0.02782	0.00663	19	1.49	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0662	0.31495	0.00050	0.27125	0.02782	0.00663	19	1.57	8%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.43100	0.00000	0.27125	0.02782	0.00663	19	5.74	29%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.27200	0.00400				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0723	0.24240	0.00000				3			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.26050	0.01900				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			
131.05	Methionine, PAO Pre-col AQC Der (%)	0939	0.27500	0.01000				3			0
131.99	Methionine, Miscellaneous (%)	2053	0.26450	0.00100				1			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.85100	0.02000	0.93449	0.03780	0.01182	17	-2.21	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.88350	0.00300	0.93449	0.03780	0.01182	17	-1.35	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.90000	0.02000	0.93449	0.03780	0.01182	17	-0.91	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.90000	0.02000	0.93449	0.03780	0.01182	17	-0.91	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.91000	0.00000	0.93449	0.03780	0.01182	17	-0.65	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.92200	0.00200	0.93449	0.03780	0.01182	17	-0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0662	0.92585	0.00250	0.93449	0.03780	0.01182	17	-0.23	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.93050	0.00300	0.93449	0.03780	0.01182	17	-0.11	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0227	0.93500	0.01000	0.93449	0.03780	0.01182	17	0.01	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.93630	0.02700	0.93449	0.03780	0.01182	17	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.94900	0.00600	0.93449	0.03780	0.01182	17	0.38	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0171	0.95000	0.00000	0.93449	0.03780	0.01182	17	0.41	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.95600	0.01000	0.93449	0.03780	0.01182	17	0.57	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.96295	0.06450	0.93449	0.03780	0.01182	17	0.75	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.97600	0.00200	0.93449	0.03780	0.01182	17	1.10	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0955	0.98150	0.01100	0.93449	0.03780	0.01182	17	1.24	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.99000	0.00000	0.93449	0.03780	0.01182	17	1.47	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.94350	0.07300	0.93449	0.03780	0.01182	17	0.24	0%	1
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	1.6685	0.01100	0.93449	0.03780	0.01182	17	19.42	39%	2
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.90000	0.01400				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.87200	0.10200				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.91000	0.06000				3			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0939	1.0250	0.01000				3			0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.0515	0.01300	1.1430	0.05576	0.02753	18	-1.64	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.0800	0.02000	1.1430	0.05576	0.02753	18	-1.13	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	1.0840	0.04600	1.1430	0.05576	0.02753	18	-1.06	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.0950	0.07000	1.1430	0.05576	0.02753	18	-0.86	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.1010	0.01000	1.1430	0.05576	0.02753	18	-0.75	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.1100	0.00000	1.1430	0.05576	0.02753	18	-0.59	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0662	1.1388	0.05120	1.1430	0.05576	0.02753	18	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.1440	0.01000	1.1430	0.05576	0.02753	18	0.02	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	1.1457	0.02740	1.1430	0.05576	0.02753	18	0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0171	1.1500	0.02000	1.1430	0.05576	0.02753	18	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0227	1.1550	0.05000	1.1430	0.05576	0.02753	18	0.21	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.1580	0.00200	1.1430	0.05576	0.02753	18	0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.1585	0.00500	1.1430	0.05576	0.02753	18	0.28	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.1600	0.02000	1.1430	0.05576	0.02753	18	0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0955	1.1600	0.04000	1.1430	0.05576	0.02753	18	0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.2220	0.06800	1.1430	0.05576	0.02753	18	1.42	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	
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.4000	0.02000	1.1430	0.05576	0.02753	18	4.61	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.8245	0.02300	1.1430	0.05576	0.02753	18	12.22	30%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	1.3570	0.13920	1.1430	0.05576	0.02753	18	3.84	9%	1
133.05	Proline, Pre-col AQC Der (%)	0939	1.0150	0.05000				3			0
133.05	Proline, Pre-col AQC Der (%)	0148	1.1525	0.00300				3			0
133.05	Proline, Pre-col AQC Der (%)	0676	1.1850	0.01000				3			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.83000	0.00000	0.95915	0.03128	0.01958	18	-4.13	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.92300	0.00200	0.95915	0.03128	0.01958	18	-1.16	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.92650	0.02500	0.95915	0.03128	0.01958	18	-1.04	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.94000	0.04000	0.95915	0.03128	0.01958	18	-0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.94000	0.02000	0.95915	0.03128	0.01958	18	-0.61	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.94550	0.00300	0.95915	0.03128	0.01958	18	-0.44	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.94600	0.03400	0.95915	0.03128	0.01958	18	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.95550	0.01500	0.95915	0.03128	0.01958	18	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.95600	0.00200	0.95915	0.03128	0.01958	18	-0.10	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0662	0.95925	0.00010	0.95915	0.03128	0.01958	18	0.00	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0227	0.96000	0.02000	0.95915	0.03128	0.01958	18	0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.96500	0.01000	0.95915	0.03128	0.01958	18	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.96500	0.01000	0.95915	0.03128	0.01958	18	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.97195	0.07610	0.95915	0.03128	0.01958	18	0.41	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.98165	0.05230	0.95915	0.03128	0.01958	18	0.72	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0171	1.0050	0.01000	0.95915	0.03128	0.01958	18	1.47	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.0075	0.01300	0.95915	0.03128	0.01958	18	1.55	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0955	1.0200	0.02000	0.95915	0.03128	0.01958	18	1.95	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.5190	0.00200	0.95915	0.03128	0.01958	18	17.90	29%	2
134.02	Serine, Post-col OPA Der (%)	0098	0.91450	0.00300				1			0
134.05	Serine, Pre-col AQC Der (%)	0676	0.98500	0.09000				3			0
134.05	Serine, Pre-col AQC Der (%)	0939	1.0450	0.03000				3			0
134.05	Serine, Pre-col AQC Der (%)	0148	1.1050	0.16000				3			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0662	0.74885	0.00490	0.79294	0.02979	0.01899	18	-1.48	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.75000	0.02000	0.79294	0.02979	0.01899	18	-1.44	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.77000	0.00000	0.79294	0.02979	0.01899	18	-0.77	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.77200	0.01800	0.79294	0.02979	0.01899	18	-0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.77950	0.00100	0.79294	0.02979	0.01899	18	-0.45	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.78150	0.01300	0.79294	0.02979	0.01899	18	-0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.78500	0.01000	0.79294	0.02979	0.01899	18	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.78500	0.00000	0.79294	0.02979	0.01899	18	-0.27	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0227	0.79000	0.02000	0.79294	0.02979	0.01899	18	-0.10	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0955	0.79400	0.02000	0.79294	0.02979	0.01899	18	0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.79500	0.05000	0.79294	0.02979	0.01899	18	0.07	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.79500	0.01000	0.79294	0.02979	0.01899	18	0.07	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	
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.79700	0.00400	0.79294	0.02979	0.01899	18	0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.79850	0.04700	0.79294	0.02979	0.01899	18	0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.82660	0.07880	0.79294	0.02979	0.01899	18	1.13	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.82970	0.01520	0.79294	0.02979	0.01899	18	1.23	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0171	0.84000	0.00000	0.79294	0.02979	0.01899	18	1.58	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.84700	0.03000	0.79294	0.02979	0.01899	18	1.81	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.2595	0.00500	0.79294	0.02979	0.01899	18	15.66	29%	2
135.02	Threonine, Post-col OPA Der (%)	0098	0.77500	0.01000				1			0
135.05	Threonine, Pre-col AQC Der (%)	0939	0.78000	0.02000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.80000	0.04000				3			0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.80950	0.04500				3			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.23000	0.01480	0.27022	0.04749	0.01735	6	-0.85	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.23035	0.05490	0.27022	0.04749	0.01735	6	-0.84	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.26050	0.00300	0.27022	0.04749	0.01735	6	-0.20	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.26900	0.01400	0.27022	0.04749	0.01735	6	-0.03	0%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.29000	0.00000	0.27022	0.04749	0.01735	6	0.42	4%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0662	0.35120	0.01740	0.27022	0.04749	0.01735	6	1.71	15%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.27500	0.00200				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.26050	0.00100				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.25600	0.01000	0.26675	0.00780	0.00450	4	-1.38	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.26600	0.00200	0.26675	0.00780	0.00450	4	-0.10	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0571	0.27200	0.00000	0.26675	0.00780	0.00450	4	0.67	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0955	0.27300	0.00600	0.26675	0.00780	0.00450	4	0.80	1%	0
136.99	Tryptophan, Miscellaneous (%)	0504	0.26000	0.00000				1			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.47035	0.02330	0.64250	0.07082	0.01252	13	-2.43	13%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.57650	0.01500	0.64250	0.07082	0.01252	13	-0.93	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.57750	0.00100	0.64250	0.07082	0.01252	13	-0.92	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.60150	0.00500	0.64250	0.07082	0.01252	13	-0.58	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0227	0.61500	0.03000	0.64250	0.07082	0.01252	13	-0.39	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.63595	0.02870	0.64250	0.07082	0.01252	13	-0.09	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.65150	0.00500	0.64250	0.07082	0.01252	13	0.13	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.65500	0.01000	0.64250	0.07082	0.01252	13	0.18	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0171	0.66000	0.00000	0.64250	0.07082	0.01252	13	0.25	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.66500	0.03000	0.64250	0.07082	0.01252	13	0.32	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.68550	0.00900	0.64250	0.07082	0.01252	13	0.61	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.74400	0.00200	0.64250	0.07082	0.01252	13	1.43	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0662	0.85190	0.00380	0.64250	0.07082	0.01252	13	2.96	16%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.14000	0.10000	0.64250	0.07082	0.01252	13	-7.10	39%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.65750	0.00500				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.63000	0.07000				3			0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.69500	0.05000				3			0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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			
137.05	Tyrosine, Pre-col AQC Der (%)	0939	0.79500	0.01000				3			0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.85750	0.00500	0.99340	0.06783	0.01775	19	-2.00	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.86600	0.00800	0.99340	0.06783	0.01775	19	-1.88	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.90500	0.01000	0.99340	0.06783	0.01775	19	-1.30	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.92000	0.00000	0.99340	0.06783	0.01775	19	-1.08	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0171	0.97500	0.01000	0.99340	0.06783	0.01775	19	-0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.97695	0.06530	0.99340	0.06783	0.01775	19	-0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.97900	0.00400	0.99340	0.06783	0.01775	19	-0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.98150	0.00500	0.99340	0.06783	0.01775	19	-0.18	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0227	0.98500	0.03000	0.99340	0.06783	0.01775	19	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.0000	0.02000	0.99340	0.06783	0.01775	19	0.10	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.0050	0.00200	0.99340	0.06783	0.01775	19	0.17	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.0150	0.07000	0.99340	0.06783	0.01775	19	0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.0175	0.00500	0.99340	0.06783	0.01775	19	0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.0230	0.01800	0.99340	0.06783	0.01775	19	0.44	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.0240	0.00600	0.99340	0.06783	0.01775	19	0.45	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0662	1.0357	0.04200	0.99340	0.06783	0.01775	19	0.62	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	1.0584	0.02490	0.99340	0.06783	0.01775	19	0.96	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0955	1.1200	0.00000	0.99340	0.06783	0.01775	19	1.87	6%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.7810	0.01200	0.99340	0.06783	0.01775	19	11.61	40%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.98200	0.02400				1			0
138.05	Valine, Pre-col AQC Der (%)	0148	0.88450	0.02900				3			0
138.05	Valine, Pre-col AQC Der (%)	0939	0.91000	0.00000				3			0
138.05	Valine, Pre-col AQC Der (%)	0676	0.99500	0.05000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.00000	0.00000				0			4
139.02	Taurine, Post-col OPA Der (%)	0098	0.00000	0.00000				0			4
160.99	Fructose, Miscellaneous (%)	0638	0.10000	0.00000	0.17288	0.07153	0.01025	4	-0.86	15%	0
160.99	Fructose, Miscellaneous (%)	0619	0.13150	0.00100	0.17288	0.07153	0.01025	4	-0.24	4%	0
160.99	Fructose, Miscellaneous (%)	0861	0.20000	0.00000	0.17288	0.07153	0.01025	4	1.10	20%	0
160.99	Fructose, Miscellaneous (%)	0227	0.26000	0.04000	0.17288	0.07153	0.01025	4	2.27	40%	0
162.99	Glucose, Miscellaneous (%)	0619	0.09650	0.00100				2			0
162.99	Glucose, Miscellaneous (%)	0861	0.10000	0.00000				2			0
162.99	Glucose, Miscellaneous (%)	0638	0.00000	0.00000				2			4
163.99	Lactose, Miscellaneous (%)	0619	0.00000	0.00000				0			4
163.99	Lactose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
164.99	Maltose, Miscellaneous (%)	0861	0.00000	0.00000				0			4
165.99	Sucrose, Miscellaneous (%)	0227	2.6350	0.11000	2.8340	0.17893	0.02600	5	-1.54	4%	0
165.99	Sucrose, Miscellaneous (%)	0619	2.7200	0.02000	2.8340	0.17893	0.02600	5	-1.01	3%	0
165.99	Sucrose, Miscellaneous (%)	0723	2.8150	0.00000	2.8340	0.17893	0.02600	5	-0.42	1%	0
165.99	Sucrose, Miscellaneous (%)	0861	2.9000	0.00000	2.8340	0.17893	0.02600	5	0.10	0%	0
165.99	Sucrose, Miscellaneous (%)	0638	3.1000	0.00000	2.8340	0.17893	0.02600	5	1.34	4%	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			
166.99	Raffinose, Miscellaneous (%)	0227	0.59000	0.02000				3			0
166.99	Raffinose, Miscellaneous (%)	0619	0.66450	0.01100				3			0
166.99	Raffinose, Miscellaneous (%)	0955	0.86050	0.08500				3			0
167.99	Stachyose, Miscellaneous (%)	0955	1.1550	0.25000				3			0
167.99	Stachyose, Miscellaneous (%)	0227	1.2000	0.04000				3			0
167.99	Stachyose, Miscellaneous (%)	0619	1.4800	0.00000				3			0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0511	218.00	26.000	290.17	45.029	12.028	5	-1.60	12%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0218	278.00	15.583	290.17	45.029	12.028	5	-0.27	2%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0964	309.51	6.1068	290.17	45.029	12.028	5	0.43	3%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0148	311.10	6.4000	290.17	45.029	12.028	5	0.46	4%	0
351.00	Chlortetracycline, Plate (mg/kg (ppm))	0035	334.24	6.0500	290.17	45.029	12.028	5	0.98	8%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0917	232.00	0.00000	260.49	20.746	2.3500	8	-1.37	5%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0036	248.45	7.5000	260.49	20.746	2.3500	8	-0.58	2%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0033	253.00	4.0000	260.49	20.746	2.3500	8	-0.36	1%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0001	254.00	0.00000	260.49	20.746	2.3500	8	-0.31	1%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0032	260.50	1.0000	260.49	20.746	2.3500	8	0.00	0%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0010	267.35	3.3000	260.49	20.746	2.3500	8	0.33	1%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0013	277.00	2.0000	260.49	20.746	2.3500	8	0.80	3%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0875	407.50	1.0000	260.49	20.746	2.3500	8	7.09	28%	0
351.03	Chlortetracycline, LC (UV or FL) (mg/kg (ppm))	0910	188.00	26.000	260.49	20.746	2.3500	8	-3.49	14%	1
351.04	Chlortetracycline, LC-MS (mg/kg (ppm))	2053	366.00	2.0000				1			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	2127	173.50	13.000				2			0
351.05	Chlortetracycline, LC-MS/MS (mg/kg (ppm))	0028	304.40	5.4000				2			0
364.02	Melengestrol Acetate, LC-MS (mg/kg (ppm))	2053	3.1850	0.17000				1			0
365.00	Monensin, Plate (mg/kg (ppm))	0964	313.61	10.274				2			0
365.00	Monensin, Plate (mg/kg (ppm))	0035	362.67	12.320				2			0
365.02	Monensin, LC (mg/kg (ppm))	0610	230.50	5.0000	254.78	18.795	12.150	6	-1.29	5%	0
365.02	Monensin, LC (mg/kg (ppm))	0905	249.00	10.000	254.78	18.795	12.150	6	-0.31	1%	0
365.02	Monensin, LC (mg/kg (ppm))	0875	251.00	36.000	254.78	18.795	12.150	6	-0.20	1%	0
365.02	Monensin, LC (mg/kg (ppm))	0668	251.25	3.5000	254.78	18.795	12.150	6	-0.19	1%	0
365.02	Monensin, LC (mg/kg (ppm))	0910	269.80	7.2000	254.78	18.795	12.150	6	0.80	3%	0
365.02	Monensin, LC (mg/kg (ppm))	0028	277.10	11.200	254.78	18.795	12.150	6	1.19	4%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0036	242.10	8.2000	253.88	8.4223	3.9396	7	-1.40	2%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0010	250.75	5.5000	253.88	8.4223	3.9396	7	-0.37	1%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0218	251.08	3.0260	253.88	8.4223	3.9396	7	-0.33	1%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0148	252.91	1.0200	253.88	8.4223	3.9396	7	-0.12	0%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0032	256.00	0.00000	253.88	8.4223	3.9396	7	0.25	0%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	2149	258.15	0.70000	253.88	8.4223	3.9396	7	0.51	1%	0
365.03	Monensin, LC-PCD (mg/kg (ppm))	0009	266.16	9.1310	253.88	8.4223	3.9396	7	1.46	2%	0
365.04	Monensin, LC-MS (mg/kg (ppm))	0013	202.00	34.000				2			0
365.04	Monensin, LC-MS (mg/kg (ppm))	2053	244.50	1.0000				2			0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0038	198.25	9.5000	271.04	63.057	43.194	5	-1.44	10%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2127	255.00	14.000	271.04	63.057	43.194	5	0.27	2%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0001	255.50	1.0000	271.04	63.057	43.194	5	0.29	2%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	0553	274.94	4.4700	271.04	63.057	43.194	5	0.88	6%	0
365.05	Monensin, LC-MS/MS (mg/kg (ppm))	2055	371.50	187.00	271.04	63.057	43.194	5	3.79	26%	0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0171	247.00	6.0000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0668	250.85	1.5000				3			0
365.99	Monensin, Miscellaneous (mg/kg (ppm))	0033	255.00	16.000				3			0
382.00	Sulfamethazine, Spectrophotometer (mg/kg (ppm))	0035	350.26	4.0000				1			0
382.01	Sulfamethazine, LC (mg/kg (ppm))	0001	298.50	5.0000				2			0
382.01	Sulfamethazine, LC (mg/kg (ppm))	0019	331.25	1.3000				2			0
382.02	Sulfamethazine, LC-PCD (mg/kg (ppm))	0032	286.45	4.1000				1			0
382.03	Sulfamethazine, LC-MS (mg/kg (ppm))	2053	277.00	12.000				1			0
382.04	Sulfamethazine, LC-MS/MS (mg/kg (ppm))	2127	216.00	100.00				1			0
388.00	Tylosin, Plate (mg/kg (ppm))	0014	70.600	10.800				1			0
388.03	Tylosin, LC (mg/kg (ppm))	0910	21.250	4.1000				3			0
388.03	Tylosin, LC (mg/kg (ppm))	0917	58.000	6.0000				3			0
388.03	Tylosin, LC (mg/kg (ppm))	0033	86.650	11.500				3			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0028	37.000	1.2000				3			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0010	41.850	14.700				3			0
388.05	Tylosin, LC-MS/MS (mg/kg (ppm))	0875	46.500	7.0000				3			0
400.01	Water activity, Aqualab chilled mirror (Units)	0407	0.46775	0.00070	0.47957	0.01239	0.00326	7	-0.95	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0668	0.46900	0.00060	0.47957	0.01239	0.00326	7	-0.85	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0942	0.47500	0.00200	0.47957	0.01239	0.00326	7	-0.37	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0843	0.47820	0.00960	0.47957	0.01239	0.00326	7	-0.11	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0589	0.47950	0.00100	0.47957	0.01239	0.00326	7	-0.01	0%	0
400.01	Water activity, Aqualab chilled mirror (Units)	0552	0.48940	0.00300	0.47957	0.01239	0.00326	7	0.79	1%	0
400.01	Water activity, Aqualab chilled mirror (Units)	2109	0.50675	0.00590	0.47957	0.01239	0.00326	7	2.19	3%	0
400.99	Water activity, Miscellaneous (Units)	0843	0.45800	0.00400				2			0
400.99	Water activity, Miscellaneous (Units)	2073	0.46550	0.00100				2			0
516.00	Arsenic, total, AA, Hydride (mg / kg (ppm))	0171	0.63500	0.03000				1			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.67500	0.07000				2			0
516.52	Arsenic, total, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.77450	0.01100				2			0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0227	0.64100	0.11400	0.73649	0.10864	0.09358	4	-0.88	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0918	0.64395	0.00030	0.73649	0.10864	0.09358	4	-0.85	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0553	0.82550	0.21300	0.73649	0.10864	0.09358	4	0.82	6%	0
516.53	Arsenic, total, ICP-MS, Microwave (mg / kg (ppm))	0098	0.83550	0.04700	0.73649	0.10864	0.09358	4	0.91	7%	0
518.41	Cadmium, ICP, Dry ash (mg / kg (ppm))	0619	0.04300	0.02200				1			0
518.43	Cadmium, ICP, Microwave (mg / kg (ppm))	0968	4.4550	8.5300				1			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.19150	0.00700				2			0
518.52	Cadmium, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.19500	0.03000				2			0

Test Material Code # 201724

Method Proficiency Testing Report

Issue Date : 05/31/2017

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	
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0227	0.18900	0.00200	0.21203	0.01946	0.01845	4	-1.18	5%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0918	0.20760	0.00080	0.21203	0.01946	0.01845	4	-0.23	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0098	0.21550	0.04500	0.21203	0.01946	0.01845	4	0.18	1%	0
518.53	Cadmium, ICP-MS, Microwave (mg / kg (ppm))	0553	0.23600	0.02600	0.21203	0.01946	0.01845	4	1.23	6%	0
520.41	Chromium, ICP, Dry ash (mg / kg (ppm))	0619	9.8500	0.90000				1			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	2053	14.610	1.2800				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0045	17.350	1.7000				3			0
520.42	Chromium, ICP, Open vessel (mg / kg (ppm))	0693	17.750	0.90000				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0968	5.6500	10.900				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0510	14.125	1.8900				3			0
520.43	Chromium, ICP, Microwave (mg / kg (ppm))	0032	14.750	1.3000				3			0
520.52	Chromium, ICP-MS, Open vessel (mg / kg (ppm))	0186	4.0400	0.22000				1			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0918	5.7859	0.18430				2			0
520.53	Chromium, ICP-MS, Microwave (mg / kg (ppm))	0553	16.250	0.50000				2			0
526.41	Lead, ICP, Dry ash (mg / kg (ppm))	0619	0.16900	0.02600				1			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0910	0.59000	0.02000				2			0
526.52	Lead, ICP-MS, Open vessel (mg / kg (ppm))	0186	0.70600	0.01200				2			0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0098	0.56600	0.02600	0.60394	0.04109	0.02388	4	-0.92	3%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0227	0.57800	0.03400	0.60394	0.04109	0.02388	4	-0.63	2%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0553	0.61450	0.02300	0.60394	0.04109	0.02388	4	0.26	1%	0
526.53	Lead, ICP-MS, Microwave (mg / kg (ppm))	0918	0.65725	0.01250	0.60394	0.04109	0.02388	4	1.30	4%	0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	0186	5.1200	0.22000				2			0
539.42	Nickel, ICP, Open vessel (mg / kg (ppm))	2053	6.4150	0.35000				2			0
539.52	Nickel, ICP-MS, Open vessel (mg / kg (ppm))	0186	4.2400	0.24000				1			0
539.53	Nickel, ICP-MS, Microwave (mg / kg (ppm))	0918	4.7723	0.19720				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.