AAFCO
Association of American Feed Control Officials

ANAB ACCREDITED ISO/IEC 17043 PROFICIENCY TESTING PROVIDER

AAFCO PTP Animal Feed Scheme

Animal Feed Scheme

Rice Bran

Test Material Code # 202223

Method Proficiency Testing Report

 # Labs Reporting: 172
 # Methods Reported 358
Issue Date : 04/30/2022

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.1000	0.0000				1			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0309	8.457	0.1600				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.485	0.1300				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.550	0.0200				3			0
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0914	7.585	0.1100				3			2
001.03	Loss on Drying, Low temp. methods (%)	0619	8.265	0.1300				2			0
001.03	Loss on Drying, Low temp. methods (%)	0843	8.635	0.4100				2			0
001.05	Loss on Drying, LECO (%)	0644	7.996	0.0220				1			0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	7.130	0.6000	8.254	0.3279	0.1527	48	-3.43	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.235	0.2500	8.254	0.3279	0.1527	48	-3.11	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.250	0.1000	8.254	0.3279	0.1527	48	-3.06	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	7.805	0.6500	8.254	0.3279	0.1527	48	-1.37	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	7.815	0.0300	8.254	0.3279	0.1527	48	-1.34	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	7.850	0.1000	8.254	0.3279	0.1527	48	-1.23	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	7.860	0.0200	8.254	0.3279	0.1527	48	-1.20	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0015	7.890	0.1800	8.254	0.3279	0.1527	48	-1.11	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	7.920	0.0400	8.254	0.3279	0.1527	48	-1.02	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	7.990	0.0200	8.254	0.3279	0.1527	48	-0.80	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.020	0.1600	8.254	0.3279	0.1527	48	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.065	0.0300	8.254	0.3279	0.1527	48	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.070	0.1000	8.254	0.3279	0.1527	48	-0.56	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.100	0.2000	8.254	0.3279	0.1527	48	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.120	0.0600	8.254	0.3279	0.1527	48	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	8.160	0.0400	8.254	0.3279	0.1527	48	-0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	8.166	0.0770	8.254	0.3279	0.1527	48	-0.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.180	0.0000	8.254	0.3279	0.1527	48	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.190	0.2000	8.254	0.3279	0.1527	48	-0.20	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.204	0.1170	8.254	0.3279	0.1527	48	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.210	0.1800	8.254	0.3279	0.1527	48	-0.13	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.220	0.0400	8.254	0.3279	0.1527	48	-0.10	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.225	0.0500	8.254	0.3279	0.1527	48	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	8.248	0.6570	8.254	0.3279	0.1527	48	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.253	0.0495	8.254	0.3279	0.1527	48	0.00	0%	0

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.260	0.1000	8.254	0.3279	0.1527	48	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.270	0.0200	8.254	0.3279	0.1527	48	0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0027	8.307	0.0070	8.254	0.3279	0.1527	48	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.310	0.2600	8.254	0.3279	0.1527	48	0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	8.315	0.7100	8.254	0.3279	0.1527	48	0.19	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.365	0.0900	8.254	0.3279	0.1527	48	0.34	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.390	0.1400	8.254	0.3279	0.1527	48	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.398	0.1340	8.254	0.3279	0.1527	48	0.44	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	8.400	0.0000	8.254	0.3279	0.1527	48	0.45	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	8.430	0.0600	8.254	0.3279	0.1527	48	0.54	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.450	0.1000	8.254	0.3279	0.1527	48	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.450	0.1000	8.254	0.3279	0.1527	48	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2339	8.450	0.0400	8.254	0.3279	0.1527	48	0.60	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.475	0.0300	8.254	0.3279	0.1527	48	0.67	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.480	0.0400	8.254	0.3279	0.1527	48	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	8.485	0.0300	8.254	0.3279	0.1527	48	0.70	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.635	0.4100	8.254	0.3279	0.1527	48	1.16	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.770	0.4000	8.254	0.3279	0.1527	48	1.57	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.774	0.0174	8.254	0.3279	0.1527	48	1.59	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.900	0.2800	8.254	0.3279	0.1527	48	1.97	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.930	0.0000	8.254	0.3279	0.1527	48	2.06	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0142	9.135	0.2100	8.254	0.3279	0.1527	48	2.69	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.300	0.2000	8.254	0.3279	0.1527	48	3.19	6%	0
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	2392	8.605	0.4100				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.100	0.2200	8.131	0.7298	0.1396	21	-2.78	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	6.545	0.0500	8.131	0.7298	0.1396	21	-2.17	10%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	7.336	0.0370	8.131	0.7298	0.1396	21	-1.09	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.365	0.5300	8.131	0.7298	0.1396	21	-1.05	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0651	7.549	0.0664	8.131	0.7298	0.1396	21	-0.80	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	7.800	0.2000	8.131	0.7298	0.1396	21	-0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	7.885	0.0100	8.131	0.7298	0.1396	21	-0.34	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.000	0.0000	8.131	0.7298	0.1396	21	-0.18	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.020	0.1000	8.131	0.7298	0.1396	21	-0.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.030	0.0600	8.131	0.7298	0.1396	21	-0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	8.040	0.1000	8.131	0.7298	0.1396	21	-0.13	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.240	0.0800	8.131	0.7298	0.1396	21	0.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.335	0.1900	8.131	0.7298	0.1396	21	0.28	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.345	0.0500	8.131	0.7298	0.1396	21	0.29	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0656	8.360	0.0000	8.131	0.7298	0.1396	21	0.31	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.500	0.4000	8.131	0.7298	0.1396	21	0.51	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.630	0.0479	8.131	0.7298	0.1396	21	0.68	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.800	0.2000	8.131	0.7298	0.1396	21	0.92	4%	0

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001.99	Loss on Drying, Miscellaneous (%)	0536	9.085	0.1500	8.131	0.7298	0.1396	21	1.31	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.140	0.1400	8.131	0.7298	0.1396	21	1.38	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.550	0.3000	8.131	0.7298	0.1396	21	1.94	9%	0
002.00	Protein, Crude, Crude (%)	0169	13.60	0.0400				2			0
002.00	Protein, Crude, Crude (%)	2345	13.99	0.3600				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0968	13.18	0.0400	13.39	0.1454	0.0508	14	-1.44	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2196	13.26	0.0000	13.39	0.1454	0.0508	14	-0.89	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2259	13.28	0.1180	13.39	0.1454	0.0508	14	-0.77	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0674	13.30	0.0000	13.39	0.1454	0.0508	14	-0.62	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	13.30	0.0000	13.39	0.1454	0.0508	14	-0.62	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2193	13.33	0.2000	13.39	0.1454	0.0508	14	-0.41	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0723	13.37	0.0900	13.39	0.1454	0.0508	14	-0.17	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0870	13.38	0.1230	13.39	0.1454	0.0508	14	-0.10	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0875	13.41	0.0600	13.39	0.1454	0.0508	14	0.14	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0164	13.47	0.0600	13.39	0.1454	0.0508	14	0.55	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2188	13.48	0.0000	13.39	0.1454	0.0508	14	0.62	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0652	13.50	0.0000	13.39	0.1454	0.0508	14	0.76	0%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0860	13.60	0.0000	13.39	0.1454	0.0508	14	1.46	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2325	13.64	0.0200	13.39	0.1454	0.0508	14	1.72	1%	0
002.04	Protein, Crude, Copper Catalyst (%)	0728	13.35	0.0100				2			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	13.45	0.2200				2			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	12.63	0.0583	13.34	0.1771	0.1141	22	-4.02	3%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	13.12	0.0020	13.34	0.1771	0.1141	22	-1.25	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	13.14	0.0330	13.34	0.1771	0.1141	22	-1.15	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	13.15	0.0300	13.34	0.1771	0.1141	22	-1.10	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	13.15	0.1500	13.34	0.1771	0.1141	22	-1.10	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	13.20	0.0200	13.34	0.1771	0.1141	22	-0.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	13.20	0.0000	13.34	0.1771	0.1141	22	-0.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	13.30	0.0600	13.34	0.1771	0.1141	22	-0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	13.33	0.1800	13.34	0.1771	0.1141	22	-0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	13.35	0.1000	13.34	0.1771	0.1141	22	0.06	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	13.36	0.0100	13.34	0.1771	0.1141	22	0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	13.36	0.0600	13.34	0.1771	0.1141	22	0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	13.39	0.0300	13.34	0.1771	0.1141	22	0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	13.41	0.4000	13.34	0.1771	0.1141	22	0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	13.42	0.0100	13.34	0.1771	0.1141	22	0.42	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	13.43	0.6657	13.34	0.1771	0.1141	22	0.50	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	13.44	0.0100	13.34	0.1771	0.1141	22	0.54	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	13.50	0.0100	13.34	0.1771	0.1141	22	0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	13.51	0.0511	13.34	0.1771	0.1141	22	0.96	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	13.52	0.4400	13.34	0.1771	0.1141	22	1.02	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	13.56	0.0200	13.34	0.1771	0.1141	22	1.24	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2144	13.81	0.1700	13.34	0.1771	0.1141	22	2.63	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0581	13.02	1.140	13.34	0.1771	0.1141	22	-1.81	1%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0853	11.35	0.3000	13.62	0.2928	0.2053	120	-7.76	8%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0294	12.45	0.1000	13.62	0.2928	0.2053	120	-4.01	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2089	12.92	0.1300	13.62	0.2928	0.2053	120	-2.42	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0520	12.97	0.1800	13.62	0.2928	0.2053	120	-2.23	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0006	13.05	0.0400	13.62	0.2928	0.2053	120	-1.96	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0539	13.10	0.3000	13.62	0.2928	0.2053	120	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2342	13.10	1.000	13.62	0.2928	0.2053	120	-1.79	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0047	13.15	0.3000	13.62	0.2928	0.2053	120	-1.62	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0510	13.25	0.1000	13.62	0.2928	0.2053	120	-1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0870	13.28	0.4687	13.62	0.2928	0.2053	120	-1.18	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0263	13.29	0.0620	13.62	0.2928	0.2053	120	-1.15	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0226	13.31	0.2100	13.62	0.2928	0.2053	120	-1.09	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	1019	13.31	0.8600	13.62	0.2928	0.2053	120	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2168	13.32	0.1400	13.62	0.2928	0.2053	120	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0953	13.33	0.1000	13.62	0.2928	0.2053	120	-1.00	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0015	13.35	0.2500	13.62	0.2928	0.2053	120	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0948	13.37	0.0000	13.62	0.2928	0.2053	120	-0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0692	13.38	0.6700	13.62	0.2928	0.2053	120	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0529	13.38	0.9800	13.62	0.2928	0.2053	120	-0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0202	13.40	0.4000	13.62	0.2928	0.2053	120	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0650	13.40	0.2000	13.62	0.2928	0.2053	120	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0876	13.40	0.0000	13.62	0.2928	0.2053	120	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0242	13.41	0.1300	13.62	0.2928	0.2053	120	-0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0505	13.41	0.1300	13.62	0.2928	0.2053	120	-0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0164	13.41	0.0600	13.62	0.2928	0.2053	120	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0074	13.42	0.4100	13.62	0.2928	0.2053	120	-0.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0644	13.42	0.1010	13.62	0.2928	0.2053	120	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0511	13.42	0.0800	13.62	0.2928	0.2053	120	-0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0589	13.43	0.2500	13.62	0.2928	0.2053	120	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0148	13.43	0.1520	13.62	0.2928	0.2053	120	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0693	13.44	0.6250	13.62	0.2928	0.2053	120	-0.64	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0541	13.44	0.1000	13.62	0.2928	0.2053	120	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0626	13.44	0.0100	13.62	0.2928	0.2053	120	-0.62	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0142	13.45	0.0200	13.62	0.2928	0.2053	120	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0208	13.45	0.3000	13.62	0.2928	0.2053	120	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0366	13.45	0.1000	13.62	0.2928	0.2053	120	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0723	13.45	0.0800	13.62	0.2928	0.2053	120	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0910	13.45	0.1000	13.62	0.2928	0.2053	120	-0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0596	13.46	0.1300	13.62	0.2928	0.2053	120	-0.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0019	13.46	0.2200	13.62	0.2928	0.2053	120	-0.56	1%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0676	13.47	0.1800	13.62	0.2928	0.2053	120	-0.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0144	13.48	0.0700	13.62	0.2928	0.2053	120	-0.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2150	13.49	0.1500	13.62	0.2928	0.2053	120	-0.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0571	13.49	0.1600	13.62	0.2928	0.2053	120	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0726	13.50	0.0500	13.62	0.2928	0.2053	120	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0098	13.50	0.4000	13.62	0.2928	0.2053	120	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0037	13.52	0.1100	13.62	0.2928	0.2053	120	-0.37	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0100	13.54	0.0900	13.62	0.2928	0.2053	120	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0512	13.54	0.1800	13.62	0.2928	0.2053	120	-0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2375	13.55	0.0500	13.62	0.2928	0.2053	120	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0278	13.55	0.1000	13.62	0.2928	0.2053	120	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0884	13.55	0.1000	13.62	0.2928	0.2053	120	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2359	13.55	0.3000	13.62	0.2928	0.2053	120	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0345	13.56	0.1100	13.62	0.2928	0.2053	120	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2155	13.56	0.2100	13.62	0.2928	0.2053	120	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0001	13.56	0.4000	13.62	0.2928	0.2053	120	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0297	13.56	0.0800	13.62	0.2928	0.2053	120	-0.22	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2059	13.56	0.0468	13.62	0.2928	0.2053	120	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0968	13.57	0.0200	13.62	0.2928	0.2053	120	-0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2302	13.60	0.1900	13.62	0.2928	0.2053	120	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0675	13.60	0.0700	13.62	0.2928	0.2053	120	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0010	13.60	0.0000	13.62	0.2928	0.2053	120	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2319	13.60	0.0000	13.62	0.2928	0.2053	120	-0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0036	13.60	0.1650	13.62	0.2928	0.2053	120	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0848	13.61	0.2100	13.62	0.2928	0.2053	120	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2339	13.61	0.1300	13.62	0.2928	0.2053	120	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0682	13.61	0.0000	13.62	0.2928	0.2053	120	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0357	13.63	0.0000	13.62	0.2928	0.2053	120	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2392	13.64	0.2364	13.62	0.2928	0.2053	120	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2389	13.65	0.1000	13.62	0.2928	0.2053	120	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0123	13.66	0.0500	13.62	0.2928	0.2053	120	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0027	13.66	0.3250	13.62	0.2928	0.2053	120	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2268	13.69	0.5300	13.62	0.2928	0.2053	120	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0009	13.69	0.0500	13.62	0.2928	0.2053	120	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0413	13.70	0.0000	13.62	0.2928	0.2053	120	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0619	13.70	0.0000	13.62	0.2928	0.2053	120	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0687	13.71	0.5900	13.62	0.2928	0.2053	120	0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0508	13.71	0.1170	13.62	0.2928	0.2053	120	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0964	13.71	0.1350	13.62	0.2928	0.2053	120	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2022	13.72	0.0100	13.62	0.2928	0.2053	120	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0171	13.74	0.3500	13.62	0.2928	0.2053	120	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0004	13.74	0.5400	13.62	0.2928	0.2053	120	0.40	0%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0017	13.75	0.3000	13.62	0.2928	0.2053	120	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0045	13.75	0.1000	13.62	0.2928	0.2053	120	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0880	13.75	0.3000	13.62	0.2928	0.2053	120	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2174	13.76	0.1900	13.62	0.2928	0.2053	120	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0354	13.76	0.0200	13.62	0.2928	0.2053	120	0.47	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0598	13.77	0.3800	13.62	0.2928	0.2053	120	0.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0553	13.78	0.4580	13.62	0.2928	0.2053	120	0.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0018	13.79	0.2000	13.62	0.2928	0.2053	120	0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0035	13.79	0.0200	13.62	0.2928	0.2053	120	0.57	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0353	13.80	0.0700	13.62	0.2928	0.2053	120	0.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2109	13.82	0.2300	13.62	0.2928	0.2053	120	0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0939	13.83	0.0200	13.62	0.2928	0.2053	120	0.70	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0918	13.87	0.1200	13.62	0.2928	0.2053	120	0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0049	13.90	0.4000	13.62	0.2928	0.2053	120	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0956	13.90	0.6000	13.62	0.2928	0.2053	120	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2129	13.90	0.4480	13.62	0.2928	0.2053	120	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0083	13.92	0.0300	13.62	0.2928	0.2053	120	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2246	13.92	0.0100	13.62	0.2928	0.2053	120	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0062	13.95	0.1300	13.62	0.2928	0.2053	120	1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0358	13.98	0.0700	13.62	0.2928	0.2053	120	1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0407	13.99	0.1800	13.62	0.2928	0.2053	120	1.24	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0265	14.00	0.2000	13.62	0.2928	0.2053	120	1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0309	14.05	0.0260	13.62	0.2928	0.2053	120	1.45	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0574	14.05	0.1000	13.62	0.2928	0.2053	120	1.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2363	14.05	0.1000	13.62	0.2928	0.2053	120	1.46	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2076	14.07	0.2920	13.62	0.2928	0.2053	120	1.52	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0504	14.07	0.0600	13.62	0.2928	0.2053	120	1.52	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0042	14.10	1.000	13.62	0.2928	0.2053	120	1.63	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0034	14.11	0.2270	13.62	0.2928	0.2053	120	1.65	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2303	14.14	0.2400	13.62	0.2928	0.2053	120	1.76	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2213	14.21	0.1500	13.62	0.2928	0.2053	120	1.99	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0656	14.25	0.0000	13.62	0.2928	0.2053	120	2.14	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0618	14.30	0.0260	13.62	0.2928	0.2053	120	2.31	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0186	14.38	0.0100	13.62	0.2928	0.2053	120	2.57	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0425	14.41	0.4300	13.62	0.2928	0.2053	120	2.67	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0190	14.45	0.2100	13.62	0.2928	0.2053	120	2.80	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0300	14.55	0.5000	13.62	0.2928	0.2053	120	3.16	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0843	14.58	0.3900	13.62	0.2928	0.2053	120	3.25	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	0003	14.04	2.450	13.62	0.2928	0.2053	120	1.40	2%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer (%)	2349	2.175	0.0300	13.62	0.2928	0.2053	120	-39.10	42%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	13.44	0.0813				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	13.69	0.1100				2			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
002.11	Protein, Crude, NIR (%)	0964	12.50	0.0000	13.88	0.9377	0.1517	6	-1.47	5%	0
002.11	Protein, Crude, NIR (%)	0889	13.50	0.0700	13.88	0.9377	0.1517	6	-0.41	1%	0
002.11	Protein, Crude, NIR (%)	2290	13.87	0.0500	13.88	0.9377	0.1517	6	-0.02	0%	0
002.11	Protein, Crude, NIR (%)	2105	14.04	0.0000	13.88	0.9377	0.1517	6	0.17	1%	0
002.11	Protein, Crude, NIR (%)	0297	14.66	0.4500	13.88	0.9377	0.1517	6	0.82	3%	0
002.11	Protein, Crude, NIR (%)	0852	14.74	0.3400	13.88	0.9377	0.1517	6	0.91	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	16.79	0.0700	17.48	0.6845	0.2989	9	-1.02	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	16.95	0.0100	17.48	0.6845	0.2989	9	-0.79	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0142	17.01	1.040	17.48	0.6845	0.2989	9	-0.69	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	17.20	0.2000	17.48	0.6845	0.2989	9	-0.41	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	17.35	0.7000	17.48	0.6845	0.2989	9	-0.19	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	17.50	0.0800	17.48	0.6845	0.2989	9	0.02	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	17.73	0.0400	17.48	0.6845	0.2989	9	0.36	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	18.32	0.1000	17.48	0.6845	0.2989	9	1.22	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	19.43	0.4500	17.48	0.6845	0.2989	9	2.84	6%	0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0504	17.23	0.4000				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0563	18.06	0.0830				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirect (%)	0164	18.12	0.4700				3			0
003.06	Fat, Crude, Pet Ether (%)	0294	15.94	0.0800	17.57	0.2403	0.1818	17	-6.79	5%	0
003.06	Fat, Crude, Pet Ether (%)	2181	16.58	0.1600	17.57	0.2403	0.1818	17	-4.13	3%	0
003.06	Fat, Crude, Pet Ether (%)	2392	17.31	0.3250	17.57	0.2403	0.1818	17	-1.10	1%	0
003.06	Fat, Crude, Pet Ether (%)	0297	17.47	0.4700	17.57	0.2403	0.1818	17	-0.44	0%	0
003.06	Fat, Crude, Pet Ether (%)	0651	17.47	0.0339	17.57	0.2403	0.1818	17	-0.43	0%	0
003.06	Fat, Crude, Pet Ether (%)	0875	17.50	0.0500	17.57	0.2403	0.1818	17	-0.32	0%	0
003.06	Fat, Crude, Pet Ether (%)	0674	17.50	0.0000	17.57	0.2403	0.1818	17	-0.30	0%	0
003.06	Fat, Crude, Pet Ether (%)	0425	17.52	0.5500	17.57	0.2403	0.1818	17	-0.24	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	17.60	0.2000	17.57	0.2403	0.1818	17	0.12	0%	0
003.06	Fat, Crude, Pet Ether (%)	0884	17.60	0.2000	17.57	0.2403	0.1818	17	0.12	0%	0
003.06	Fat, Crude, Pet Ether (%)	0939	17.63	0.3200	17.57	0.2403	0.1818	17	0.24	0%	0
003.06	Fat, Crude, Pet Ether (%)	0918	17.64	0.0800	17.57	0.2403	0.1818	17	0.28	0%	0
003.06	Fat, Crude, Pet Ether (%)	0682	17.66	0.0000	17.57	0.2403	0.1818	17	0.37	0%	0
003.06	Fat, Crude, Pet Ether (%)	0169	17.75	0.0400	17.57	0.2403	0.1818	17	0.74	1%	0
003.06	Fat, Crude, Pet Ether (%)	0644	17.84	0.0520	17.57	0.2403	0.1818	17	1.12	1%	0
003.06	Fat, Crude, Pet Ether (%)	0687	17.89	0.4600	17.57	0.2403	0.1818	17	1.33	1%	0
003.06	Fat, Crude, Pet Ether (%)	0910	17.97	0.0700	17.57	0.2403	0.1818	17	1.64	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0622	16.73	0.0868	17.53	0.4566	0.3355	15	-1.74	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2342	16.85	0.7000	17.53	0.4566	0.3355	15	-1.48	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	17.08	0.1000	17.53	0.4566	0.3355	15	-0.98	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	17.14	1.090	17.53	0.4566	0.3355	15	-0.86	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0723	17.43	0.0000	17.53	0.4566	0.3355	15	-0.21	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	17.45	0.7000	17.53	0.4566	0.3355	15	-0.17	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	17.53	0.1800	17.53	0.4566	0.3355	15	0.01	0%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2188	17.53	0.0000	17.53	0.4566	0.3355	15	0.01	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	17.66	0.0200	17.53	0.4566	0.3355	15	0.29	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	17.70	1.401	17.53	0.4566	0.3355	15	0.38	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	17.77	0.0200	17.53	0.4566	0.3355	15	0.52	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	17.88	0.0900	17.53	0.4566	0.3355	15	0.76	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	17.89	0.3540	17.53	0.4566	0.3355	15	0.79	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0722	18.06	0.2755	17.53	0.4566	0.3355	15	1.16	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0508	18.11	0.0154	17.53	0.4566	0.3355	15	1.27	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	15.95	1.340	17.25	0.5660	0.2808	24	-2.30	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	16.00	0.0600	17.25	0.5660	0.2808	24	-2.21	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	16.27	0.0700	17.25	0.5660	0.2808	24	-1.74	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	16.54	0.0500	17.25	0.5660	0.2808	24	-1.26	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	16.72	0.7800	17.25	0.5660	0.2808	24	-0.94	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	16.84	0.4500	17.25	0.5660	0.2808	24	-0.73	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	16.90	0.2000	17.25	0.5660	0.2808	24	-0.62	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	17.04	0.2646	17.25	0.5660	0.2808	24	-0.37	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	17.15	0.0000	17.25	0.5660	0.2808	24	-0.18	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	17.16	0.0900	17.25	0.5660	0.2808	24	-0.17	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	17.26	0.3180	17.25	0.5660	0.2808	24	0.02	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	17.32	0.0240	17.25	0.5660	0.2808	24	0.12	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2089	17.37	0.3500	17.25	0.5660	0.2808	24	0.20	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	17.48	0.1417	17.25	0.5660	0.2808	24	0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	17.50	0.2000	17.25	0.5660	0.2808	24	0.44	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	17.53	0.0010	17.25	0.5660	0.2808	24	0.49	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	17.54	0.0200	17.25	0.5660	0.2808	24	0.51	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	17.60	0.4000	17.25	0.5660	0.2808	24	0.62	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0062	17.66	0.0700	17.25	0.5660	0.2808	24	0.72	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	17.69	0.9400	17.25	0.5660	0.2808	24	0.78	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	17.75	0.1000	17.25	0.5660	0.2808	24	0.88	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	17.80	0.2000	17.25	0.5660	0.2808	24	0.97	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	17.98	0.0700	17.25	0.5660	0.2808	24	1.28	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	18.00	0.6000	17.25	0.5660	0.2808	24	1.33	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	10.45	13.31	17.25	0.5660	0.2808	24	-12.02	20%	2
003.11	Fat, Crude, NIR (%)	0889	16.49	0.0100	17.47	0.6916	0.1220	5			0
003.11	Fat, Crude, NIR (%)	2105	17.30	0.0900	17.47	0.6916	0.1220	5			0
003.11	Fat, Crude, NIR (%)	0297	17.37	0.2500	17.47	0.6916	0.1220	5			0
003.11	Fat, Crude, NIR (%)	0964	17.85	0.1000	17.47	0.6916	0.1220	5			0
003.11	Fat, Crude, NIR (%)	0852	18.34	0.1600	17.47	0.6916	0.1220	5			0
003.12	Fat, Crude, Hexane Ext (%)	0171	18.05	0.4500				1			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	17.07	0.0200	17.53	0.3896	0.0970	6	-1.18	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0123	17.28	0.1300	17.53	0.3896	0.0970	6	-0.65	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	17.52	0.0100	17.53	0.3896	0.0970	6	-0.03	0%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	17.59	0.2319	17.53	0.3896	0.0970	6	0.17	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	17.64	0.1800	17.53	0.3896	0.0970	6	0.29	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	18.08	0.0100	17.53	0.3896	0.0970	6	1.40	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	17.58	0.8800	17.53	0.3896	0.0970	6	0.13	0%	1
003.14	Fat, Crude, Ankom (%)	2359	16.35	0.3000	17.58	0.3692	0.2122	53	-3.34	4%	0
003.14	Fat, Crude, Ankom (%)	0574	16.65	0.0200	17.58	0.3692	0.2122	53	-2.53	3%	0
003.14	Fat, Crude, Ankom (%)	2144	16.95	0.0500	17.58	0.3692	0.2122	53	-1.73	2%	0
003.14	Fat, Crude, Ankom (%)	0682	16.96	0.0000	17.58	0.3692	0.2122	53	-1.69	2%	0
003.14	Fat, Crude, Ankom (%)	2302	17.00	0.1500	17.58	0.3692	0.2122	53	-1.60	2%	0
003.14	Fat, Crude, Ankom (%)	2146	17.08	0.0300	17.58	0.3692	0.2122	53	-1.38	1%	0
003.14	Fat, Crude, Ankom (%)	0860	17.16	0.0000	17.58	0.3692	0.2122	53	-1.16	1%	0
003.14	Fat, Crude, Ankom (%)	0202	17.25	0.3000	17.58	0.3692	0.2122	53	-0.91	1%	0
003.14	Fat, Crude, Ankom (%)	0853	17.25	0.3000	17.58	0.3692	0.2122	53	-0.91	1%	0
003.14	Fat, Crude, Ankom (%)	0876	17.25	0.1000	17.58	0.3692	0.2122	53	-0.91	1%	0
003.14	Fat, Crude, Ankom (%)	0019	17.29	0.0500	17.58	0.3692	0.2122	53	-0.81	1%	0
003.14	Fat, Crude, Ankom (%)	0407	17.30	0.2945	17.58	0.3692	0.2122	53	-0.76	1%	0
003.14	Fat, Crude, Ankom (%)	0956	17.40	0.0000	17.58	0.3692	0.2122	53	-0.50	1%	0
003.14	Fat, Crude, Ankom (%)	0144	17.41	0.2400	17.58	0.3692	0.2122	53	-0.47	0%	0
003.14	Fat, Crude, Ankom (%)	0034	17.43	0.3100	17.58	0.3692	0.2122	53	-0.43	0%	0
003.14	Fat, Crude, Ankom (%)	0619	17.43	0.6000	17.58	0.3692	0.2122	53	-0.43	0%	0
003.14	Fat, Crude, Ankom (%)	0968	17.44	0.0200	17.58	0.3692	0.2122	53	-0.39	0%	0
003.14	Fat, Crude, Ankom (%)	0037	17.45	0.0900	17.58	0.3692	0.2122	53	-0.38	0%	0
003.14	Fat, Crude, Ankom (%)	0278	17.45	0.7000	17.58	0.3692	0.2122	53	-0.36	0%	0
003.14	Fat, Crude, Ankom (%)	0529	17.47	0.1200	17.58	0.3692	0.2122	53	-0.31	0%	0
003.14	Fat, Crude, Ankom (%)	0598	17.51	0.2700	17.58	0.3692	0.2122	53	-0.22	0%	0
003.14	Fat, Crude, Ankom (%)	0675	17.51	0.0100	17.58	0.3692	0.2122	53	-0.22	0%	0
003.14	Fat, Crude, Ankom (%)	0074	17.53	0.0200	17.58	0.3692	0.2122	53	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	2375	17.53	0.0000	17.58	0.3692	0.2122	53	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0511	17.54	0.1900	17.58	0.3692	0.2122	53	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0148	17.55	0.4100	17.58	0.3692	0.2122	53	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0358	17.55	0.0700	17.58	0.3692	0.2122	53	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0848	17.57	0.0100	17.58	0.3692	0.2122	53	-0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0083	17.58	0.0500	17.58	0.3692	0.2122	53	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0581	17.62	0.1100	17.58	0.3692	0.2122	53	0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0510	17.62	0.2000	17.58	0.3692	0.2122	53	0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0948	17.63	0.0100	17.58	0.3692	0.2122	53	0.11	0%	0
003.14	Fat, Crude, Ankom (%)	2076	17.63	0.2213	17.58	0.3692	0.2122	53	0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0692	17.65	0.5000	17.58	0.3692	0.2122	53	0.18	0%	0
003.14	Fat, Crude, Ankom (%)	2363	17.70	0.2000	17.58	0.3692	0.2122	53	0.31	0%	0
003.14	Fat, Crude, Ankom (%)	0186	17.71	0.1100	17.58	0.3692	0.2122	53	0.33	0%	0
003.14	Fat, Crude, Ankom (%)	0265	17.75	0.3000	17.58	0.3692	0.2122	53	0.45	0%	0
003.14	Fat, Crude, Ankom (%)	0300	17.75	0.1000	17.58	0.3692	0.2122	53	0.45	0%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
003.14	Fat, Crude, Ankom (%)	0035	17.76	0.0000	17.58	0.3692	0.2122	53	0.48	0%	0
003.14	Fat, Crude, Ankom (%)	0004	17.85	0.1200	17.58	0.3692	0.2122	53	0.72	1%	0
003.14	Fat, Crude, Ankom (%)	0049	17.88	1.070	17.58	0.3692	0.2122	53	0.79	1%	0
003.14	Fat, Crude, Ankom (%)	0505	17.90	0.6300	17.58	0.3692	0.2122	53	0.84	1%	0
003.14	Fat, Crude, Ankom (%)	0226	17.91	0.2800	17.58	0.3692	0.2122	53	0.88	1%	0
003.14	Fat, Crude, Ankom (%)	2129	17.95	0.8300	17.58	0.3692	0.2122	53	0.98	1%	0
003.14	Fat, Crude, Ankom (%)	0015	17.95	0.1800	17.58	0.3692	0.2122	53	0.99	1%	0
003.14	Fat, Crude, Ankom (%)	0009	17.96	0.0600	17.58	0.3692	0.2122	53	1.02	1%	0
003.14	Fat, Crude, Ankom (%)	0563	18.06	0.0830	17.58	0.3692	0.2122	53	1.29	1%	0
003.14	Fat, Crude, Ankom (%)	0001	18.08	0.1500	17.58	0.3692	0.2122	53	1.33	1%	0
003.14	Fat, Crude, Ankom (%)	0726	18.08	0.1300	17.58	0.3692	0.2122	53	1.33	1%	0
003.14	Fat, Crude, Ankom (%)	0413	18.15	0.5000	17.58	0.3692	0.2122	53	1.53	2%	0
003.14	Fat, Crude, Ankom (%)	0520	18.16	0.1400	17.58	0.3692	0.2122	53	1.56	2%	0
003.14	Fat, Crude, Ankom (%)	0003	18.39	0.6100	17.58	0.3692	0.2122	53	2.17	2%	0
003.14	Fat, Crude, Ankom (%)	0190	18.40	0.0100	17.58	0.3692	0.2122	53	2.20	2%	0
003.14	Fat, Crude, Ankom (%)	0357	16.75	2.300	17.58	0.3692	0.2122	53	-2.26	2%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	4.100	1.200	13.76	6.629	0.4675	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	14.74	0.6200	13.76	6.629	0.4675	4			0
003.99	Fat, Crude, Miscellaneous (%)	0656	18.04	0.0000	13.76	6.629	0.4675	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	18.15	0.0500	13.76	6.629	0.4675	4			0
004.00	Fiber, Crude, Asbestos Free (%)	0425	5.250	0.1000	5.955	0.4956	0.2803	12	-1.42	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	5.430	0.2400	5.955	0.4956	0.2803	12	-1.06	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	5.555	0.0100	5.955	0.4956	0.2803	12	-0.81	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	5.700	0.2000	5.955	0.4956	0.2803	12	-0.52	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	5.775	0.1100	5.955	0.4956	0.2803	12	-0.36	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	5.815	0.0100	5.955	0.4956	0.2803	12	-0.28	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0309	6.110	0.0165	5.955	0.4956	0.2803	12	0.31	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	6.155	0.1100	5.955	0.4956	0.2803	12	0.40	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	6.250	1.100	5.955	0.4956	0.2803	12	0.59	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0504	6.280	0.3200	5.955	0.4956	0.2803	12	0.65	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	6.447	0.4470	5.955	0.4956	0.2803	12	0.99	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	7.450	0.7000	5.955	0.4956	0.2803	12	3.02	13%	0
004.01	Fiber, Crude, Sing Filt (%)	2144	5.480	0.1600				1			0
004.03	Fiber, Crude, Fritted Glass (%)	0921	5.375	0.1100	6.012	0.4508	0.3760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	5.730	0.5000	6.012	0.4508	0.3760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	6.150	0.7000	6.012	0.4508	0.3760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	6.360	0.4200	6.012	0.4508	0.3760	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	6.445	0.1500	6.012	0.4508	0.3760	5			0
004.06	Fiber, Crude, Fibertec (%)	0875	5.615	0.2500	6.090	0.3753	0.2219	22	-1.26	4%	0
004.06	Fiber, Crude, Fibertec (%)	2006	5.635	0.1900	6.090	0.3753	0.2219	22	-1.21	4%	0
004.06	Fiber, Crude, Fibertec (%)	2319	5.650	0.1000	6.090	0.3753	0.2219	22	-1.17	4%	0
004.06	Fiber, Crude, Fibertec (%)	0674	5.720	0.0000	6.090	0.3753	0.2219	22	-0.98	3%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
004.06	Fiber, Crude, Fibertec (%)	0610	5.765	0.2500	6.090	0.3753	0.2219	22	-0.86	3%	0
004.06	Fiber, Crude, Fibertec (%)	0512	5.898	0.4320	6.090	0.3753	0.2219	22	-0.51	2%	0
004.06	Fiber, Crude, Fibertec (%)	2349	5.950	0.1000	6.090	0.3753	0.2219	22	-0.37	1%	0
004.06	Fiber, Crude, Fibertec (%)	2022	5.970	0.0600	6.090	0.3753	0.2219	22	-0.32	1%	0
004.06	Fiber, Crude, Fibertec (%)	0941	5.975	0.2700	6.090	0.3753	0.2219	22	-0.31	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	6.010	0.2000	6.090	0.3753	0.2219	22	-0.21	1%	0
004.06	Fiber, Crude, Fibertec (%)	2188	6.020	0.0000	6.090	0.3753	0.2219	22	-0.19	1%	0
004.06	Fiber, Crude, Fibertec (%)	0722	6.029	0.1294	6.090	0.3753	0.2219	22	-0.16	1%	0
004.06	Fiber, Crude, Fibertec (%)	0964	6.050	0.2800	6.090	0.3753	0.2219	22	-0.11	0%	0
004.06	Fiber, Crude, Fibertec (%)	0968	6.085	0.1100	6.090	0.3753	0.2219	22	-0.01	0%	0
004.06	Fiber, Crude, Fibertec (%)	2325	6.145	0.0300	6.090	0.3753	0.2219	22	0.15	0%	0
004.06	Fiber, Crude, Fibertec (%)	0918	6.150	0.2600	6.090	0.3753	0.2219	22	0.16	0%	0
004.06	Fiber, Crude, Fibertec (%)	0027	6.403	0.3340	6.090	0.3753	0.2219	22	0.84	3%	0
004.06	Fiber, Crude, Fibertec (%)	0948	6.465	0.0300	6.090	0.3753	0.2219	22	1.00	3%	0
004.06	Fiber, Crude, Fibertec (%)	0689	6.550	0.3000	6.090	0.3753	0.2219	22	1.23	4%	0
004.06	Fiber, Crude, Fibertec (%)	0038	6.581	0.7260	6.090	0.3753	0.2219	22	1.31	4%	0
004.06	Fiber, Crude, Fibertec (%)	0676	6.670	0.3800	6.090	0.3753	0.2219	22	1.55	5%	0
004.06	Fiber, Crude, Fibertec (%)	0728	7.775	0.4500	6.090	0.3753	0.2219	22	4.49	14%	0
004.07	Fiber, Crude, ANKOM (%)	0265	4.635	0.5500	5.950	0.3625	0.1893	77	-3.63	11%	0
004.07	Fiber, Crude, ANKOM (%)	0692	4.750	0.9000	5.950	0.3625	0.1893	77	-3.31	10%	0
004.07	Fiber, Crude, ANKOM (%)	0675	4.980	0.1200	5.950	0.3625	0.1893	77	-2.68	8%	0
004.07	Fiber, Crude, ANKOM (%)	0202	5.145	0.3500	5.950	0.3625	0.1893	77	-2.22	7%	0
004.07	Fiber, Crude, ANKOM (%)	2188	5.160	0.0000	5.950	0.3625	0.1893	77	-2.18	7%	0
004.07	Fiber, Crude, ANKOM (%)	2190	5.250	0.1000	5.950	0.3625	0.1893	77	-1.93	6%	0
004.07	Fiber, Crude, ANKOM (%)	0596	5.290	0.1000	5.950	0.3625	0.1893	77	-1.82	6%	0
004.07	Fiber, Crude, ANKOM (%)	0510	5.350	0.3000	5.950	0.3625	0.1893	77	-1.66	5%	0
004.07	Fiber, Crude, ANKOM (%)	0100	5.380	0.4000	5.950	0.3625	0.1893	77	-1.57	5%	0
004.07	Fiber, Crude, ANKOM (%)	0144	5.390	0.2000	5.950	0.3625	0.1893	77	-1.55	5%	0
004.07	Fiber, Crude, ANKOM (%)	0003	5.620	0.2400	5.950	0.3625	0.1893	77	-0.91	3%	0
004.07	Fiber, Crude, ANKOM (%)	0407	5.660	0.4214	5.950	0.3625	0.1893	77	-0.80	2%	0
004.07	Fiber, Crude, ANKOM (%)	0723	5.685	0.0500	5.950	0.3625	0.1893	77	-0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0619	5.695	0.0700	5.950	0.3625	0.1893	77	-0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	0035	5.700	0.1200	5.950	0.3625	0.1893	77	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0511	5.700	0.2000	5.950	0.3625	0.1893	77	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0956	5.700	0.0000	5.950	0.3625	0.1893	77	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0644	5.729	0.2270	5.950	0.3625	0.1893	77	-0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0278	5.750	0.1000	5.950	0.3625	0.1893	77	-0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	2146	5.750	0.1800	5.950	0.3625	0.1893	77	-0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0708	5.785	0.0300	5.950	0.3625	0.1893	77	-0.46	1%	0
004.07	Fiber, Crude, ANKOM (%)	0939	5.790	0.1200	5.950	0.3625	0.1893	77	-0.44	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	5.800	0.0000	5.950	0.3625	0.1893	77	-0.41	1%	0
004.07	Fiber, Crude, ANKOM (%)	0294	5.800	0.2000	5.950	0.3625	0.1893	77	-0.41	1%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
004.07	Fiber, Crude, ANKOM (%)	0366	5.800	0.2000	5.950	0.3625	0.1893	77	-0.41	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	5.805	0.0300	5.950	0.3625	0.1893	77	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	0726	5.805	0.1500	5.950	0.3625	0.1893	77	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	5.815	0.1700	5.950	0.3625	0.1893	77	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	5.826	0.0070	5.950	0.3625	0.1893	77	-0.34	1%	0
004.07	Fiber, Crude, ANKOM (%)	0042	5.835	0.6500	5.950	0.3625	0.1893	77	-0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0860	5.840	0.0000	5.950	0.3625	0.1893	77	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	2109	5.840	0.2000	5.950	0.3625	0.1893	77	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0413	5.850	0.1000	5.950	0.3625	0.1893	77	-0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	2392	5.860	0.2500	5.950	0.3625	0.1893	77	-0.25	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	5.870	0.2000	5.950	0.3625	0.1893	77	-0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0626	5.875	0.1700	5.950	0.3625	0.1893	77	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	2181	5.890	0.0600	5.950	0.3625	0.1893	77	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0190	5.900	0.0000	5.950	0.3625	0.1893	77	-0.14	0%	0
004.07	Fiber, Crude, ANKOM (%)	0968	5.920	0.0800	5.950	0.3625	0.1893	77	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	5.930	0.1200	5.950	0.3625	0.1893	77	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0004	5.940	0.2000	5.950	0.3625	0.1893	77	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0563	5.975	0.0532	5.950	0.3625	0.1893	77	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	2302	5.995	0.1100	5.950	0.3625	0.1893	77	0.12	0%	0
004.07	Fiber, Crude, ANKOM (%)	2259	5.996	0.3640	5.950	0.3625	0.1893	77	0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	2193	6.025	0.3700	5.950	0.3625	0.1893	77	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0693	6.028	0.1510	5.950	0.3625	0.1893	77	0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	6.030	0.0200	5.950	0.3625	0.1893	77	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0876	6.050	0.5000	5.950	0.3625	0.1893	77	0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	6.060	0.0000	5.950	0.3625	0.1893	77	0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0520	6.060	0.1200	5.950	0.3625	0.1893	77	0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	6.085	0.0700	5.950	0.3625	0.1893	77	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0226	6.130	0.3000	5.950	0.3625	0.1893	77	0.50	2%	0
004.07	Fiber, Crude, ANKOM (%)	0098	6.155	0.0700	5.950	0.3625	0.1893	77	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0870	6.156	0.0802	5.950	0.3625	0.1893	77	0.57	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	6.160	0.0800	5.950	0.3625	0.1893	77	0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	6.170	0.0800	5.950	0.3625	0.1893	77	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0529	6.175	0.0100	5.950	0.3625	0.1893	77	0.62	2%	0
004.07	Fiber, Crude, ANKOM (%)	0848	6.190	0.0000	5.950	0.3625	0.1893	77	0.66	2%	0
004.07	Fiber, Crude, ANKOM (%)	0505	6.200	0.1000	5.950	0.3625	0.1893	77	0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	0581	6.215	0.2300	5.950	0.3625	0.1893	77	0.73	2%	0
004.07	Fiber, Crude, ANKOM (%)	0034	6.230	0.3600	5.950	0.3625	0.1893	77	0.77	2%	0
004.07	Fiber, Crude, ANKOM (%)	0553	6.235	0.0500	5.950	0.3625	0.1893	77	0.79	2%	0
004.07	Fiber, Crude, ANKOM (%)	0622	6.247	0.0218	5.950	0.3625	0.1893	77	0.82	2%	0
004.07	Fiber, Crude, ANKOM (%)	0598	6.250	0.1400	5.950	0.3625	0.1893	77	0.83	3%	0
004.07	Fiber, Crude, ANKOM (%)	0242	6.260	0.4000	5.950	0.3625	0.1893	77	0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	2337	6.260	0.0000	5.950	0.3625	0.1893	77	0.85	3%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
004.07	Fiber, Crude, ANKOM (%)	0643	6.345	0.1900	5.950	0.3625	0.1893	77	1.09	3%	0
004.07	Fiber, Crude, ANKOM (%)	0914	6.350	0.3000	5.950	0.3625	0.1893	77	1.10	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	6.400	0.2000	5.950	0.3625	0.1893	77	1.24	4%	0
004.07	Fiber, Crude, ANKOM (%)	0536	6.450	0.0600	5.950	0.3625	0.1893	77	1.38	4%	0
004.07	Fiber, Crude, ANKOM (%)	0028	6.500	0.8000	5.950	0.3625	0.1893	77	1.52	5%	0
004.07	Fiber, Crude, ANKOM (%)	2345	6.710	0.2400	5.950	0.3625	0.1893	77	2.10	6%	0
004.07	Fiber, Crude, ANKOM (%)	0074	6.785	0.7100	5.950	0.3625	0.1893	77	2.30	7%	0
004.07	Fiber, Crude, ANKOM (%)	0032	6.870	0.4400	5.950	0.3625	0.1893	77	2.54	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	6.870	0.1400	5.950	0.3625	0.1893	77	2.54	8%	0
004.07	Fiber, Crude, ANKOM (%)	0646	7.135	0.2500	5.950	0.3625	0.1893	77	3.27	10%	0
004.07	Fiber, Crude, ANKOM (%)	0656	8.490	0.0000	5.950	0.3625	0.1893	77	7.01	21%	0
004.07	Fiber, Crude, ANKOM (%)	2342	5.800	1.000	5.950	0.3625	0.1893	77	-0.41	1%	1
004.11	Fiber, Crude, NIR (%)	0889	3.010	0.0600	5.609	1.940	0.0575	4			0
004.11	Fiber, Crude, NIR (%)	0852	5.475	0.0700	5.609	1.940	0.0575	4			0
004.11	Fiber, Crude, NIR (%)	2290	6.350	0.1000	5.609	1.940	0.0575	4			0
004.11	Fiber, Crude, NIR (%)	0964	7.600	0.0000	5.609	1.940	0.0575	4			0
004.11	Fiber, Crude, NIR (%)	2105	8.195	0.3300	5.609	1.940	0.0575	4			1
004.99	Fiber, Crude, Miscellaneous (%)	2129	5.825	0.1100				1			0
005.00	Ash, 2h @ 600°C (%)	0226	7.975	0.1500	8.495	0.1377	0.0942	93	-3.78	3%	0
005.00	Ash, 2h @ 600°C (%)	0208	8.145	0.1300	8.495	0.1377	0.0942	93	-2.54	2%	0
005.00	Ash, 2h @ 600°C (%)	0142	8.215	0.1300	8.495	0.1377	0.0942	93	-2.03	2%	0
005.00	Ash, 2h @ 600°C (%)	0853	8.250	0.1000	8.495	0.1377	0.0942	93	-1.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0581	8.255	0.1100	8.495	0.1377	0.0942	93	-1.74	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.270	0.1400	8.495	0.1377	0.0942	93	-1.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	8.290	0.1000	8.495	0.1377	0.0942	93	-1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	8.310	0.0000	8.495	0.1377	0.0942	93	-1.34	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	8.315	0.0700	8.495	0.1377	0.0942	93	-1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	8.320	0.0400	8.495	0.1377	0.0942	93	-1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	2349	8.320	0.0200	8.495	0.1377	0.0942	93	-1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0618	8.321	0.0520	8.495	0.1377	0.0942	93	-1.26	1%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.330	0.3800	8.495	0.1377	0.0942	93	-1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.370	0.1400	8.495	0.1377	0.0942	93	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0098	8.370	0.1400	8.495	0.1377	0.0942	93	-0.91	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	8.380	0.0000	8.495	0.1377	0.0942	93	-0.84	1%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.385	0.0100	8.495	0.1377	0.0942	93	-0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	0650	8.390	0.1600	8.495	0.1377	0.0942	93	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.390	0.0000	8.495	0.1377	0.0942	93	-0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.400	0.1000	8.495	0.1377	0.0942	93	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	8.400	0.0000	8.495	0.1377	0.0942	93	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.400	0.0400	8.495	0.1377	0.0942	93	-0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	8.410	0.0200	8.495	0.1377	0.0942	93	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	8.415	0.0100	8.495	0.1377	0.0942	93	-0.58	0%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
005.00	Ash, 2h @ 600°C (%)	0880	8.415	0.1900	8.495	0.1377	0.0942	93	-0.58	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	8.420	0.1200	8.495	0.1377	0.0942	93	-0.55	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	8.421	0.1340	8.495	0.1377	0.0942	93	-0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.425	0.0100	8.495	0.1377	0.0942	93	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0504	8.425	0.1300	8.495	0.1377	0.0942	93	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	8.425	0.0100	8.495	0.1377	0.0942	93	-0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	8.430	0.0200	8.495	0.1377	0.0942	93	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	8.430	0.0400	8.495	0.1377	0.0942	93	-0.47	0%	0
005.00	Ash, 2h @ 600°C (%)	2337	8.435	0.0700	8.495	0.1377	0.0942	93	-0.44	0%	0
005.00	Ash, 2h @ 600°C (%)	0723	8.440	0.0200	8.495	0.1377	0.0942	93	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.440	0.1200	8.495	0.1377	0.0942	93	-0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0354	8.446	0.0080	8.495	0.1377	0.0942	93	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0265	8.450	0.1000	8.495	0.1377	0.0942	93	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	8.450	0.3000	8.495	0.1377	0.0942	93	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	8.450	0.0000	8.495	0.1377	0.0942	93	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.450	0.0000	8.495	0.1377	0.0942	93	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.450	0.0600	8.495	0.1377	0.0942	93	-0.33	0%	0
005.00	Ash, 2h @ 600°C (%)	0722	8.461	0.1814	8.495	0.1377	0.0942	93	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	8.463	0.0049	8.495	0.1377	0.0942	93	-0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	8.485	0.0900	8.495	0.1377	0.0942	93	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	8.485	0.0300	8.495	0.1377	0.0942	93	-0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2006	8.490	0.1600	8.495	0.1377	0.0942	93	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.500	0.0000	8.495	0.1377	0.0942	93	0.03	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	8.505	0.0300	8.495	0.1377	0.0942	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.505	0.0500	8.495	0.1377	0.0942	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	8.505	0.1300	8.495	0.1377	0.0942	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	8.510	0.0200	8.495	0.1377	0.0942	93	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	8.515	0.0852	8.495	0.1377	0.0942	93	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	8.515	0.0500	8.495	0.1377	0.0942	93	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0300	8.520	0.0400	8.495	0.1377	0.0942	93	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	1019	8.525	0.3900	8.495	0.1377	0.0942	93	0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	8.535	0.1224	8.495	0.1377	0.0942	93	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	8.535	0.0300	8.495	0.1377	0.0942	93	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0553	8.535	0.0100	8.495	0.1377	0.0942	93	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0622	8.542	0.0092	8.495	0.1377	0.0942	93	0.34	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	8.550	0.3000	8.495	0.1377	0.0942	93	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.550	0.1000	8.495	0.1377	0.0942	93	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0062	8.550	0.0000	8.495	0.1377	0.0942	93	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0643	8.550	0.0400	8.495	0.1377	0.0942	93	0.40	0%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.555	0.0100	8.495	0.1377	0.0942	93	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0675	8.565	0.1100	8.495	0.1377	0.0942	93	0.51	0%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.565	0.0300	8.495	0.1377	0.0942	93	0.51	0%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
005.00	Ash, 2h @ 600°C (%)	0164	8.570	0.0400	8.495	0.1377	0.0942	93	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.570	0.0000	8.495	0.1377	0.0942	93	0.54	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.586	0.0560	8.495	0.1377	0.0942	93	0.66	1%	0
005.00	Ash, 2h @ 600°C (%)	0563	8.589	0.0403	8.495	0.1377	0.0942	93	0.68	1%	0
005.00	Ash, 2h @ 600°C (%)	0019	8.600	0.2000	8.495	0.1377	0.0942	93	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	8.600	0.0800	8.495	0.1377	0.0942	93	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	8.602	0.1040	8.495	0.1377	0.0942	93	0.78	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	8.605	0.0500	8.495	0.1377	0.0942	93	0.80	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	8.610	0.1800	8.495	0.1377	0.0942	93	0.83	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	8.615	0.0700	8.495	0.1377	0.0942	93	0.87	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	8.616	0.0500	8.495	0.1377	0.0942	93	0.88	1%	0
005.00	Ash, 2h @ 600°C (%)	0171	8.640	0.0400	8.495	0.1377	0.0942	93	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	8.640	0.1400	8.495	0.1377	0.0942	93	1.05	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	8.648	0.0525	8.495	0.1377	0.0942	93	1.11	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.650	0.1000	8.495	0.1377	0.0942	93	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	2359	8.650	0.1000	8.495	0.1377	0.0942	93	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	8.650	0.1400	8.495	0.1377	0.0942	93	1.12	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	8.670	0.0200	8.495	0.1377	0.0942	93	1.27	1%	0
005.00	Ash, 2h @ 600°C (%)	0914	8.675	0.1300	8.495	0.1377	0.0942	93	1.31	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	8.690	0.1000	8.495	0.1377	0.0942	93	1.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	8.740	0.0400	8.495	0.1377	0.0942	93	1.78	1%	0
005.00	Ash, 2h @ 600°C (%)	2342	8.750	0.1000	8.495	0.1377	0.0942	93	1.85	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.840	0.3200	8.495	0.1377	0.0942	93	2.50	2%	0
005.00	Ash, 2h @ 600°C (%)	0309	8.932	0.0490	8.495	0.1377	0.0942	93	3.17	3%	0
005.00	Ash, 2h @ 600°C (%)	0852	9.250	0.5000	8.495	0.1377	0.0942	93	5.48	4%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.255	0.6100	8.495	0.1377	0.0942	93	5.52	4%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.905	0.0500	8.495	0.1377	0.0942	93	10.24	8%	0
005.00	Ash, 2h @ 600°C (%)	2302	12.69	8.470	8.495	0.1377	0.0942	93	30.42	25%	2
005.02	Ash, LECO (%)	0644	8.346	0.1700				1			0
005.03	Ash, Microwave furnace (%)	0511	8.500	0.0000				1			0
005.05	Ash, 3h @ 550°C (%)	0294	7.550	0.1000	8.406	0.1254	0.0607	21	-6.82	5%	0
005.05	Ash, 3h @ 550°C (%)	2190	8.240	0.0200	8.406	0.1254	0.0607	21	-1.32	1%	0
005.05	Ash, 3h @ 550°C (%)	2146	8.265	0.1100	8.406	0.1254	0.0607	21	-1.12	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	8.303	0.1350	8.406	0.1254	0.0607	21	-0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0921	8.308	0.0580	8.406	0.1254	0.0607	21	-0.78	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	8.345	0.0300	8.406	0.1254	0.0607	21	-0.49	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.369	0.0190	8.406	0.1254	0.0607	21	-0.30	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	8.375	0.0900	8.406	0.1254	0.0607	21	-0.25	0%	0
005.05	Ash, 3h @ 550°C (%)	2192	8.380	0.0000	8.406	0.1254	0.0607	21	-0.21	0%	0
005.05	Ash, 3h @ 550°C (%)	2345	8.385	0.0900	8.406	0.1254	0.0607	21	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	8.385	0.0100	8.406	0.1254	0.0607	21	-0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	8.400	0.0000	8.406	0.1254	0.0607	21	-0.05	0%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
005.05	Ash, 3h @ 550°C (%)	0875	8.420	0.0200	8.406	0.1254	0.0607	21	0.11	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	8.435	0.0700	8.406	0.1254	0.0607	21	0.23	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.447	0.0232	8.406	0.1254	0.0607	21	0.32	0%	0
005.05	Ash, 3h @ 550°C (%)	0726	8.460	0.0400	8.406	0.1254	0.0607	21	0.43	0%	0
005.05	Ash, 3h @ 550°C (%)	2109	8.470	0.1000	8.406	0.1254	0.0607	21	0.51	0%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.540	0.2600	8.406	0.1254	0.0607	21	1.07	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	8.600	0.0200	8.406	0.1254	0.0607	21	1.55	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	8.605	0.0700	8.406	0.1254	0.0607	21	1.59	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	8.695	0.0100	8.406	0.1254	0.0607	21	2.30	2%	0
005.05	Ash, 3h @ 550°C (%)	0692	8.390	0.3600	8.406	0.1254	0.0607	21	-0.13	0%	1
005.11	Ash, NIR (%)	2290	8.550	0.1000	11.49	4.389	0.1175	4			0
005.11	Ash, NIR (%)	2389	8.960	0.1000	11.49	4.389	0.1175	4			0
005.11	Ash, NIR (%)	0889	10.51	0.0600	11.49	4.389	0.1175	4			0
005.11	Ash, NIR (%)	0297	17.96	0.2100	11.49	4.389	0.1175	4			0
005.99	Ash, Miscellaneous (%)	0644	7.780	0.2640	8.387	0.1779	0.0759	10	-3.41	4%	0
005.99	Ash, Miscellaneous (%)	0202	8.260	0.1000	8.387	0.1779	0.0759	10	-0.71	1%	0
005.99	Ash, Miscellaneous (%)	0728	8.300	0.1000	8.387	0.1779	0.0759	10	-0.49	1%	0
005.99	Ash, Miscellaneous (%)	0536	8.320	0.0200	8.387	0.1779	0.0759	10	-0.38	0%	0
005.99	Ash, Miscellaneous (%)	0676	8.350	0.1400	8.387	0.1779	0.0759	10	-0.21	0%	0
005.99	Ash, Miscellaneous (%)	0884	8.400	0.0000	8.387	0.1779	0.0759	10	0.07	0%	0
005.99	Ash, Miscellaneous (%)	2392	8.418	0.0350	8.387	0.1779	0.0759	10	0.17	0%	0
005.99	Ash, Miscellaneous (%)	2319	8.450	0.1000	8.387	0.1779	0.0759	10	0.35	0%	0
005.99	Ash, Miscellaneous (%)	0652	8.600	0.0000	8.387	0.1779	0.0759	10	1.20	1%	0
005.99	Ash, Miscellaneous (%)	0910	8.700	0.0000	8.387	0.1779	0.0759	10	1.76	2%	0
006.00	Total Sugars, As sucrose (%)	0910	5.135	0.6300	5.664	0.5535	0.3075	4			0
006.00	Total Sugars, As sucrose (%)	2192	5.290	0.1000	5.664	0.5535	0.3075	4			0
006.00	Total Sugars, As sucrose (%)	2319	5.900	0.4000	5.664	0.5535	0.3075	4			0
006.00	Total Sugars, As sucrose (%)	0407	6.330	0.1000	5.664	0.5535	0.3075	4			0
006.99	Total Sugars, Miscellaneous (%)	0148	4.575	0.2500	6.651	2.265	0.2260	5			0
006.99	Total Sugars, Miscellaneous (%)	2290	5.500	0.2000	6.651	2.265	0.2260	5			0
006.99	Total Sugars, Miscellaneous (%)	0610	6.295	0.0700	6.651	2.265	0.2260	5			0
006.99	Total Sugars, Miscellaneous (%)	0956	6.400	0.4000	6.651	2.265	0.2260	5			0
006.99	Total Sugars, Miscellaneous (%)	0226	10.49	0.2100	6.651	2.265	0.2260	5			0
008.02	Fiber, Acid Detergent, Crucible (%)	0676	5.685	0.6300	7.923	0.7077	0.3035	16	-3.16	14%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	7.035	0.6100	7.923	0.7077	0.3035	16	-1.25	6%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0504	7.290	0.3600	7.923	0.7077	0.3035	16	-0.89	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0309	7.399	0.0072	7.923	0.7077	0.3035	16	-0.74	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	7.600	0.2000	7.923	0.7077	0.3035	16	-0.46	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0875	7.665	0.0900	7.923	0.7077	0.3035	16	-0.36	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	7.715	0.2300	7.923	0.7077	0.3035	16	-0.29	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	7.785	0.0100	7.923	0.7077	0.3035	16	-0.20	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	8.050	0.3800	7.923	0.7077	0.3035	16	0.18	1%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
008.02	Fiber, Acid Detergent, Crucible (%)	0148	8.105	0.0300	7.923	0.7077	0.3035	16	0.26	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	8.175	0.1500	7.923	0.7077	0.3035	16	0.36	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	8.210	0.0000	7.923	0.7077	0.3035	16	0.41	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	8.410	0.2190	7.923	0.7077	0.3035	16	0.69	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	8.500	0.6000	7.923	0.7077	0.3035	16	0.82	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0728	9.565	0.8700	7.923	0.7077	0.3035	16	2.32	10%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	12.65	0.4700	7.923	0.7077	0.3035	16	6.67	30%	0
008.05	Fiber, Acid Detergent, Acid Detergent-Hach (%)	0265	9.230	0.0400				1			0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	5.930	0.1200	7.378	0.9071	0.2748	44	-1.60	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0723	6.095	0.0000	7.378	0.9071	0.2748	44	-1.41	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2392	6.164	0.0330	7.378	0.9071	0.2748	44	-1.34	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	6.230	0.0800	7.378	0.9071	0.2748	44	-1.27	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	6.365	0.0300	7.378	0.9071	0.2748	44	-1.12	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	6.450	0.1400	7.378	0.9071	0.2748	44	-1.02	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	6.573	0.1531	7.378	0.9071	0.2748	44	-0.89	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	6.580	0.0600	7.378	0.9071	0.2748	44	-0.88	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	6.625	0.0500	7.378	0.9071	0.2748	44	-0.83	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	6.675	0.1500	7.378	0.9071	0.2748	44	-0.78	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	6.800	0.0000	7.378	0.9071	0.2748	44	-0.64	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	6.850	0.9000	7.378	0.9071	0.2748	44	-0.58	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	6.865	0.2100	7.378	0.9071	0.2748	44	-0.57	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	6.865	0.2100	7.378	0.9071	0.2748	44	-0.57	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	6.870	0.4600	7.378	0.9071	0.2748	44	-0.56	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	6.919	0.3134	7.378	0.9071	0.2748	44	-0.51	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	7.005	0.1300	7.378	0.9071	0.2748	44	-0.41	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	7.020	0.1000	7.378	0.9071	0.2748	44	-0.39	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	7.060	0.9800	7.378	0.9071	0.2748	44	-0.35	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	7.135	0.3900	7.378	0.9071	0.2748	44	-0.27	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	7.173	0.0100	7.378	0.9071	0.2748	44	-0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0015	7.305	0.1500	7.378	0.9071	0.2748	44	-0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	7.343	0.0220	7.378	0.9071	0.2748	44	-0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	7.415	0.2500	7.378	0.9071	0.2748	44	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	7.440	0.3200	7.378	0.9071	0.2748	44	0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2193	7.475	0.3300	7.378	0.9071	0.2748	44	0.11	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	7.550	0.1000	7.378	0.9071	0.2748	44	0.19	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	7.550	0.5000	7.378	0.9071	0.2748	44	0.19	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	7.605	0.4700	7.378	0.9071	0.2748	44	0.25	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	7.680	0.1400	7.378	0.9071	0.2748	44	0.33	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	7.830	0.0000	7.378	0.9071	0.2748	44	0.50	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	7.900	0.2000	7.378	0.9071	0.2748	44	0.58	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	7.975	0.3300	7.378	0.9071	0.2748	44	0.66	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	8.115	0.1010	7.378	0.9071	0.2748	44	0.81	5%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	8.215	0.3300	7.378	0.9071	0.2748	44	0.92	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	8.250	0.5600	7.378	0.9071	0.2748	44	0.96	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	8.260	0.2800	7.378	0.9071	0.2748	44	0.97	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	8.350	0.4000	7.378	0.9071	0.2748	44	1.07	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	8.540	0.1000	7.378	0.9071	0.2748	44	1.28	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	8.550	0.3000	7.378	0.9071	0.2748	44	1.29	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	9.210	0.1800	7.378	0.9071	0.2748	44	2.02	12%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	9.830	0.7600	7.378	0.9071	0.2748	44	2.70	17%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	10.85	0.9000	7.378	0.9071	0.2748	44	3.83	24%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	10.98	0.8500	7.378	0.9071	0.2748	44	3.97	24%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	7.900	1.400	7.378	0.9071	0.2748	44	0.58	4%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	6.930	0.2000	7.661	0.7078	0.2102	5			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	7.158	0.6010	7.661	0.7078	0.2102	5			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	7.515	0.0500	7.661	0.7078	0.2102	5			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	2290	8.000	0.2000	7.661	0.7078	0.2102	5			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0964	8.700	0.0000	7.661	0.7078	0.2102	5			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%	0504	15.68	0.2800				2			0
009.04	Fiber, Neutral Detergent, Neutral Det-No ENZ Pretreat (%	2246	19.38	0.3400				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0309	15.54	0.0334	17.88	1.451	0.4331	14	-1.61	7%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0910	16.35	0.3000	17.88	1.451	0.4331	14	-1.05	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0353	16.40	1.240	17.88	1.451	0.4331	14	-1.02	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0098	16.50	0.2000	17.88	1.451	0.4331	14	-0.95	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0345	17.45	0.5000	17.88	1.451	0.4331	14	-0.30	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0674	17.77	0.0000	17.88	1.451	0.4331	14	-0.08	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2192	17.80	0.0000	17.88	1.451	0.4331	14	-0.06	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0676	17.96	0.5900	17.88	1.451	0.4331	14	0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0610	18.30	0.0000	17.88	1.451	0.4331	14	0.29	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0948	18.61	0.1600	17.88	1.451	0.4331	14	0.50	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0226	18.98	0.6000	17.88	1.451	0.4331	14	0.76	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0689	19.30	0.2000	17.88	1.451	0.4331	14	0.98	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0875	19.50	1.880	17.88	1.451	0.4331	14	1.12	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	2246	19.71	0.3600	17.88	1.451	0.4331	14	1.26	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat (%)	0964	19.32	3.357	17.88	1.451	0.4331	14	0.99	4%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2302	13.70	0.1900	16.16	1.116	0.2691	41	-2.21	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2193	14.57	0.3700	16.16	1.116	0.2691	41	-1.43	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0939	14.60	0.2600	16.16	1.116	0.2691	41	-1.40	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0407	14.65	0.0257	16.16	1.116	0.2691	41	-1.35	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0263	14.65	0.0220	16.16	1.116	0.2691	41	-1.35	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0294	14.75	0.1000	16.16	1.116	0.2691	41	-1.26	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0581	14.98	0.5200	16.16	1.116	0.2691	41	-1.06	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0870	14.98	0.5084	16.16	1.116	0.2691	41	-1.06	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0918	15.27	0.0800	16.16	1.116	0.2691	41	-0.80	3%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0723	15.29	0.0000	16.16	1.116	0.2691	41	-0.78	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0413	15.35	0.5000	16.16	1.116	0.2691	41	-0.73	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0358	15.38	0.1500	16.16	1.116	0.2691	41	-0.70	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0049	15.54	0.7900	16.16	1.116	0.2691	41	-0.56	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0968	15.54	0.3700	16.16	1.116	0.2691	41	-0.56	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2129	15.82	0.0200	16.16	1.116	0.2691	41	-0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0278	15.85	0.1000	16.16	1.116	0.2691	41	-0.28	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0357	15.92	0.0300	16.16	1.116	0.2691	41	-0.22	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0675	16.04	0.0200	16.16	1.116	0.2691	41	-0.11	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2196	16.15	0.0000	16.16	1.116	0.2691	41	-0.01	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0956	16.25	0.5000	16.16	1.116	0.2691	41	0.08	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0265	16.35	0.7000	16.16	1.116	0.2691	41	0.17	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0510	16.35	0.3000	16.16	1.116	0.2691	41	0.17	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0035	16.56	0.1700	16.16	1.116	0.2691	41	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0646	16.63	0.1700	16.16	1.116	0.2691	41	0.42	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0190	16.69	0.0500	16.16	1.116	0.2691	41	0.47	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0726	16.69	0.0500	16.16	1.116	0.2691	41	0.47	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0164	16.70	0.2000	16.16	1.116	0.2691	41	0.48	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0536	16.72	0.2100	16.16	1.116	0.2691	41	0.50	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0083	16.80	0.0400	16.16	1.116	0.2691	41	0.57	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0015	16.84	0.1500	16.16	1.116	0.2691	41	0.60	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0619	16.85	0.4400	16.16	1.116	0.2691	41	0.62	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0354	16.89	0.1000	16.16	1.116	0.2691	41	0.65	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2345	17.02	0.1200	16.16	1.116	0.2691	41	0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2375	17.03	0.3700	16.16	1.116	0.2691	41	0.77	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0045	17.20	0.4000	16.16	1.116	0.2691	41	0.93	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0148	17.23	0.9900	16.16	1.116	0.2691	41	0.95	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0037	17.30	0.0300	16.16	1.116	0.2691	41	1.02	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	2392	17.41	0.7800	16.16	1.116	0.2691	41	1.12	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0848	17.63	0.3900	16.16	1.116	0.2691	41	1.31	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0693	18.15	0.7160	16.16	1.116	0.2691	41	1.79	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0889	20.32	0.1000	16.16	1.116	0.2691	41	3.73	13%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0297	17.80	1.600	16.16	1.116	0.2691	41	1.47	5%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (%)	0598	27.71	0.3800	16.16	1.116	0.2691	41	10.35	36%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	18.21	0.0900	19.37	1.372	0.1425	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0728	18.29	0.3800	19.37	1.372	0.1425	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	2290	19.95	0.1000	19.37	1.372	0.1425	4			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	21.04	0.0000	19.37	1.372	0.1425	4			0
010.03	Moisture, Karl-Fischer (%)	0164	7.605	0.0300				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.085	0.1300				2			0
010.11	Moisture, NIR (%)	0964	7.400	0.0000	8.163	1.243	0.0450	4			0
010.11	Moisture, NIR (%)	0889	7.600	0.0000	8.163	1.243	0.0450	4			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
010.11	Moisture, NIR (%)	2290	7.630	0.0600	8.163	1.243	0.0450	4			0
010.11	Moisture, NIR (%)	2105	10.02	0.1200	8.163	1.243	0.0450	4			0
010.11	Moisture, NIR (%)	0852	9.755	0.4500	8.163	1.243	0.0450	4			1
010.99	Moisture, Miscellaneous (%)	2076	7.295	0.1900	8.317	0.3992	0.0972	16	-2.56	6%	0
010.99	Moisture, Miscellaneous (%)	0722	7.421	0.1911	8.317	0.3992	0.0972	16	-2.24	5%	0
010.99	Moisture, Miscellaneous (%)	0948	7.885	0.0100	8.317	0.3992	0.0972	16	-1.08	3%	0
010.99	Moisture, Miscellaneous (%)	2363	8.000	0.2000	8.317	0.3992	0.0972	16	-0.79	2%	0
010.99	Moisture, Miscellaneous (%)	0652	8.150	0.1000	8.317	0.3992	0.0972	16	-0.42	1%	0
010.99	Moisture, Miscellaneous (%)	2375	8.240	0.0200	8.317	0.3992	0.0972	16	-0.19	0%	0
010.99	Moisture, Miscellaneous (%)	0964	8.245	0.1100	8.317	0.3992	0.0972	16	-0.18	0%	0
010.99	Moisture, Miscellaneous (%)	0726	8.295	0.0100	8.317	0.3992	0.0972	16	-0.05	0%	0
010.99	Moisture, Miscellaneous (%)	0875	8.405	0.0100	8.317	0.3992	0.0972	16	0.22	1%	0
010.99	Moisture, Miscellaneous (%)	2150	8.480	0.0400	8.317	0.3992	0.0972	16	0.41	1%	0
010.99	Moisture, Miscellaneous (%)	2129	8.505	0.0500	8.317	0.3992	0.0972	16	0.47	1%	0
010.99	Moisture, Miscellaneous (%)	0622	8.509	0.0142	8.317	0.3992	0.0972	16	0.48	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.600	0.4000	8.317	0.3992	0.0972	16	0.71	2%	0
010.99	Moisture, Miscellaneous (%)	2089	8.715	0.0900	8.317	0.3992	0.0972	16	1.00	2%	0
010.99	Moisture, Miscellaneous (%)	0190	8.765	0.0500	8.317	0.3992	0.0972	16	1.12	3%	0
010.99	Moisture, Miscellaneous (%)	0692	8.835	0.0700	8.317	0.3992	0.0972	16	1.30	3%	0
010.99	Moisture, Miscellaneous (%)	0939	8.665	0.7700	8.317	0.3992	0.0972	16	0.87	2%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	8.065	0.4900	9.418	0.7655	0.1542	65	-1.77	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	8.165	0.0100	9.418	0.7655	0.1542	65	-1.64	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	8.344	0.1240	9.418	0.7655	0.1542	65	-1.40	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0722	8.394	0.2483	9.418	0.7655	0.1542	65	-1.34	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	8.521	0.3432	9.418	0.7655	0.1542	65	-1.17	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	8.530	0.0200	9.418	0.7655	0.1542	65	-1.16	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.635	0.3500	9.418	0.7655	0.1542	65	-1.02	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.640	0.2200	9.418	0.7655	0.1542	65	-1.02	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0062	8.650	0.0000	9.418	0.7655	0.1542	65	-1.00	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	8.655	0.0300	9.418	0.7655	0.1542	65	-1.00	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	8.780	0.1600	9.418	0.7655	0.1542	65	-0.83	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	8.797	0.0490	9.418	0.7655	0.1542	65	-0.81	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	8.800	0.4000	9.418	0.7655	0.1542	65	-0.81	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.870	0.1200	9.418	0.7655	0.1542	65	-0.72	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	8.910	0.0600	9.418	0.7655	0.1542	65	-0.66	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2168	8.915	0.1500	9.418	0.7655	0.1542	65	-0.66	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	8.920	0.0200	9.418	0.7655	0.1542	65	-0.65	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.925	0.0500	9.418	0.7655	0.1542	65	-0.64	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	8.940	0.0200	9.418	0.7655	0.1542	65	-0.62	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	9.035	0.0100	9.418	0.7655	0.1542	65	-0.50	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.050	0.0000	9.418	0.7655	0.1542	65	-0.48	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0723	9.085	0.0300	9.418	0.7655	0.1542	65	-0.44	2%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	9.095	0.0100	9.418	0.7655	0.1542	65	-0.42	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.100	0.0000	9.418	0.7655	0.1542	65	-0.42	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	9.105	0.0700	9.418	0.7655	0.1542	65	-0.41	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	9.115	0.2500	9.418	0.7655	0.1542	65	-0.40	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	9.140	0.2000	9.418	0.7655	0.1542	65	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	9.180	0.1600	9.418	0.7655	0.1542	65	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2342	9.180	0.0400	9.418	0.7655	0.1542	65	-0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	9.200	0.0000	9.418	0.7655	0.1542	65	-0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	9.220	0.1400	9.418	0.7655	0.1542	65	-0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	9.220	0.0600	9.418	0.7655	0.1542	65	-0.26	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0553	9.235	0.5100	9.418	0.7655	0.1542	65	-0.24	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	9.265	0.0300	9.418	0.7655	0.1542	65	-0.20	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	9.280	0.2800	9.418	0.7655	0.1542	65	-0.18	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	9.310	0.0000	9.418	0.7655	0.1542	65	-0.14	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	9.350	0.5000	9.418	0.7655	0.1542	65	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.385	0.0700	9.418	0.7655	0.1542	65	-0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	9.460	0.0200	9.418	0.7655	0.1542	65	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0728	9.490	0.4600	9.418	0.7655	0.1542	65	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	9.545	0.0100	9.418	0.7655	0.1542	65	0.17	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	9.570	0.7000	9.418	0.7655	0.1542	65	0.20	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	9.600	0.2000	9.418	0.7655	0.1542	65	0.24	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	9.750	0.1000	9.418	0.7655	0.1542	65	0.43	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	9.835	0.2700	9.418	0.7655	0.1542	65	0.54	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	9.885	0.0100	9.418	0.7655	0.1542	65	0.61	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	9.920	0.1400	9.418	0.7655	0.1542	65	0.66	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0309	9.940	0.2600	9.418	0.7655	0.1542	65	0.68	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	9.965	0.0300	9.418	0.7655	0.1542	65	0.71	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	9.985	0.1100	9.418	0.7655	0.1542	65	0.74	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	10.03	0.0000	9.418	0.7655	0.1542	65	0.80	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	10.16	0.1895	9.418	0.7655	0.1542	65	0.96	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	10.21	0.0208	9.418	0.7655	0.1542	65	1.03	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	10.21	0.1462	9.418	0.7655	0.1542	65	1.03	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0006	10.35	0.2750	9.418	0.7655	0.1542	65	1.22	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	10.37	0.0600	9.418	0.7655	0.1542	65	1.24	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	10.41	0.1600	9.418	0.7655	0.1542	65	1.30	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	10.43	0.0300	9.418	0.7655	0.1542	65	1.32	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0265	10.45	0.3000	9.418	0.7655	0.1542	65	1.35	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0160	10.52	0.1100	9.418	0.7655	0.1542	65	1.43	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	10.55	0.1000	9.418	0.7655	0.1542	65	1.48	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	10.56	0.2300	9.418	0.7655	0.1542	65	1.49	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	10.56	0.2700	9.418	0.7655	0.1542	65	1.49	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	11.03	0.5300	9.418	0.7655	0.1542	65	2.10	9%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	11.17	0.0700	9.418	0.7655	0.1542	65	2.28	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	10.20	1.990	9.418	0.7655	0.1542	65	1.01	4%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	8.925	0.2700				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	9.900	0.1200				2			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2303	8.959	0.1780	9.472	0.5267	0.1695	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2174	9.275	0.0900	9.472	0.5267	0.1695	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	2168	9.455	0.2100	9.472	0.5267	0.1695	4			0
011.99	Loss on Drying, HT, High Temp. Methods Miscellaneous (	0852	10.20	0.2000	9.472	0.5267	0.1695	4			0
012.00	Starch, Polarimetric (Ewers) (%)	0723	23.21	0.7000	25.52	0.5589	0.4324	16	-4.13	5%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	24.91	0.3300	25.52	0.5589	0.4324	16	-1.10	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	25.05	0.0900	25.52	0.5589	0.4324	16	-0.85	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2319	25.10	0.6000	25.52	0.5589	0.4324	16	-0.75	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0875	25.11	0.0000	25.52	0.5589	0.4324	16	-0.73	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	25.15	0.6400	25.52	0.5589	0.4324	16	-0.66	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	25.30	0.2000	25.52	0.5589	0.4324	16	-0.39	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	25.55	0.3900	25.52	0.5589	0.4324	16	0.05	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	25.65	0.7000	25.52	0.5589	0.4324	16	0.24	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	25.65	0.0080	25.52	0.5589	0.4324	16	0.24	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	25.74	0.2200	25.52	0.5589	0.4324	16	0.40	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	25.85	0.5000	25.52	0.5589	0.4324	16	0.59	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	26.02	0.0000	25.52	0.5589	0.4324	16	0.90	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	26.09	0.3400	25.52	0.5589	0.4324	16	1.02	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	26.10	0.8000	25.52	0.5589	0.4324	16	1.04	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	27.30	1.400	25.52	0.5589	0.4324	16	3.19	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0956	20.35	0.3000	22.48	1.729	0.5664	10	-1.23	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0870	20.49	1.064	22.48	1.729	0.5664	10	-1.16	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0265	20.90	0.4000	22.48	1.729	0.5664	10	-0.92	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0918	22.34	0.4950	22.48	1.729	0.5664	10	-0.08	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0045	22.55	0.3000	22.48	1.729	0.5664	10	0.04	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0164	22.95	0.9000	22.48	1.729	0.5664	10	0.27	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0148	22.99	0.6400	22.48	1.729	0.5664	10	0.29	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0407	23.32	1.052	22.48	1.729	0.5664	10	0.49	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	0693	23.88	0.2640	22.48	1.729	0.5664	10	0.80	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megazyme) (%)	2089	26.61	0.2500	22.48	1.729	0.5664	10	2.38	9%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0889	22.72	0.3200				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0407	22.88	1.154				3			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscellaneous (%	0297	22.93	2.920				3			0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	2129	21.61	0.5200	24.62	3.149	0.6500	7	-0.96	6%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0226	22.47	0.1700	24.62	3.149	0.6500	7	-0.69	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0510	22.60	0.6000	24.62	3.149	0.6500	7	-0.64	4%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0674	24.00	0.0000	24.62	3.149	0.6500	7	-0.20	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0278	25.50	2.200	24.62	3.149	0.6500	7	0.28	2%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0098	26.85	0.5000	24.62	3.149	0.6500	7	0.71	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technology (YSI) (	0948	30.75	0.5600	24.62	3.149	0.6500	7	1.94	12%	0
012.11	Starch, NIR (%)	2290	21.75	0.1000				3			0
012.11	Starch, NIR (%)	0297	22.15	1.030				3			0
012.11	Starch, NIR (%)	0889	23.21	0.0800				3			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0027	21.45	2.170				2			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	23.62	0.4400				2			0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2076	16.41	0.3442	18.23	0.7093	0.3508	17	-2.57	5%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0541	17.17	0.9600	18.23	0.7093	0.3508	17	-1.49	3%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2146	17.58	0.1400	18.23	0.7093	0.3508	17	-0.91	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2345	17.62	0.5600	18.23	0.7093	0.3508	17	-0.86	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0689	17.75	0.1000	18.23	0.7093	0.3508	17	-0.67	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2144	17.94	0.0600	18.23	0.7093	0.3508	17	-0.41	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0297	18.07	1.200	18.23	0.7093	0.3508	17	-0.22	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0650	18.35	0.1000	18.23	0.7093	0.3508	17	0.17	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0652	18.35	0.3000	18.23	0.7093	0.3508	17	0.17	0%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0910	18.45	0.1700	18.23	0.7093	0.3508	17	0.31	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0948	18.45	0.1000	18.23	0.7093	0.3508	17	0.31	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0083	18.49	0.0800	18.23	0.7093	0.3508	17	0.37	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0884	18.50	0.4000	18.23	0.7093	0.3508	17	0.38	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2319	18.60	0.0000	18.23	0.7093	0.3508	17	0.53	1%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	2150	19.05	0.0500	18.23	0.7093	0.3508	17	1.15	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0202	19.05	1.100	18.23	0.7093	0.3508	17	1.16	2%	0
013.00	Fat, Acid Pretreat, Acid hydrolysis (%)	0309	20.15	0.3000	18.23	0.7093	0.3508	17	2.71	5%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0643	16.77	0.3900	18.86	0.9177	0.3825	16	-2.29	6%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0853	17.45	0.5000	18.86	0.9177	0.3825	16	-1.54	4%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0914	18.05	0.8000	18.86	0.9177	0.3825	16	-0.89	2%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0098	18.38	0.2800	18.86	0.9177	0.3825	16	-0.53	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0038	18.46	0.8100	18.86	0.9177	0.3825	16	-0.44	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0870	18.59	0.4867	18.86	0.9177	0.3825	16	-0.30	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0148	18.64	0.5000	18.86	0.9177	0.3825	16	-0.24	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	2259	18.85	0.2650	18.86	0.9177	0.3825	16	-0.02	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0171	18.93	0.1100	18.86	0.9177	0.3825	16	0.07	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0164	19.05	0.1500	18.86	0.9177	0.3825	16	0.20	0%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0921	19.11	0.0081	18.86	0.9177	0.3825	16	0.27	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0682	19.25	0.0000	18.86	0.9177	0.3825	16	0.42	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0676	19.36	0.2900	18.86	0.9177	0.3825	16	0.54	1%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0010	19.95	0.3000	18.86	0.9177	0.3825	16	1.18	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0407	20.00	0.6200	18.86	0.9177	0.3825	16	1.23	3%	0
013.02	Fat, Acid Pretreat, Mojonnier, Bak Ext (%)	0553	20.79	0.6100	18.86	0.9177	0.3825	16	2.09	5%	0
013.08	Fat, Base Pretreat, Roese-Gottlieb Modified (%)	0618	6.930	0.4000				1			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2268	17.07	0.1400	17.65	0.4579	0.2522	4			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0036	17.54	0.1689	17.65	0.4579	0.2522	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0610	17.85	0.7000	17.65	0.4579	0.2522	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	2196	18.14	0.0000	17.65	0.4579	0.2522	4			0
013.10	Fat, Acid Pretreat, Soxtec-Acid Hydrolysis (%)	0353	14.43	0.6700	17.65	0.4579	0.2522	4			2
013.12	Fat, Acid Pretreat, NIR- Acid Hydrolysis (%)	2290	17.50	0.0000				1			0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0675	17.44	0.0600	18.78	1.007	0.4709	9	-1.33	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0939	17.81	0.2500	18.78	1.007	0.4709	9	-0.97	3%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0581	18.26	0.1200	18.78	1.007	0.4709	9	-0.52	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0843	18.59	1.780	18.78	1.007	0.4709	9	-0.19	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0968	18.95	0.1700	18.78	1.007	0.4709	9	0.16	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0265	18.95	0.3000	18.78	1.007	0.4709	9	0.17	0%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0354	19.05	0.0500	18.78	1.007	0.4709	9	0.26	1%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0876	19.70	0.6000	18.78	1.007	0.4709	9	0.91	2%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0407	20.37	0.9084	18.78	1.007	0.4709	9	1.58	4%	0
013.13	Fat, Acid Pretreat, Ankom- Acid Hydrolysis (%)	0651	9.796	16.00	18.78	1.007	0.4709	9	-8.92	24%	1
015.41	Aluminum, ICP, Dry ash (ppm)	0407	7.010	0.8475	11.53	4.506	1.066	6	-1.00	20%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	9.500	1.000	11.53	4.506	1.066	6	-0.45	9%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	9.595	0.8900	11.53	4.506	1.066	6	-0.43	8%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0123	11.10	0.6000	11.53	4.506	1.066	6	-0.10	2%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	13.71	2.390	11.53	4.506	1.066	6	0.48	9%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	29.70	0.6700	11.53	4.506	1.066	6	4.03	79%	0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	4.650	0.1000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	135.2	3.900				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0425	3.740	0.1000	8.632	5.419	0.4462	7	-0.90	28%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	5.000	0.0000	8.632	5.419	0.4462	7	-0.67	21%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	5.856	0.2634	8.632	5.419	0.4462	7	-0.51	16%	0
015.43	Aluminum, ICP, Microwave (ppm)	0918	6.300	1.000	8.632	5.419	0.4462	7	-0.43	14%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	9.715	0.3900	8.632	5.419	0.4462	7	0.20	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	13.07	1.070	8.632	5.419	0.4462	7	0.82	26%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	16.75	0.3000	8.632	5.419	0.4462	7	1.50	47%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	3.425	0.5007				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0015	13.73	0.1700				2			0
017.41	Boron, ICP, Dry ash (ppm)	0358	3.640	0.3800	4.005	0.3753	0.2337	4			0
017.41	Boron, ICP, Dry ash (ppm)	0226	3.775	0.0900	4.005	0.3753	0.2337	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	4.130	0.2147	4.005	0.3753	0.2337	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	4.475	0.2500	4.005	0.3753	0.2337	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	2.775	0.1300	3.635	0.7527	0.4308	6	-1.14	12%	0
017.42	Boron, ICP, Open vessel (ppm)	0265	3.240	0.4800	3.635	0.7527	0.4308	6	-0.52	5%	0
017.42	Boron, ICP, Open vessel (ppm)	0037	3.550	0.1000	3.635	0.7527	0.4308	6	-0.11	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0045	3.700	0.2000	3.635	0.7527	0.4308	6	0.09	1%	0
017.42	Boron, ICP, Open vessel (ppm)	0693	3.781	0.3270	3.635	0.7527	0.4308	6	0.19	2%	0
017.42	Boron, ICP, Open vessel (ppm)	2129	5.258	1.348	3.635	0.7527	0.4308	6	2.16	22%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
017.43	Boron, ICP, Microwave (ppm)	0407	3.629	0.4817	4.180	0.5775	0.3820	6	-0.95	7%	0
017.43	Boron, ICP, Microwave (ppm)	0345	3.850	0.1000	4.180	0.5775	0.3820	6	-0.57	4%	0
017.43	Boron, ICP, Microwave (ppm)	0510	4.000	0.0000	4.180	0.5775	0.3820	6	-0.31	2%	0
017.43	Boron, ICP, Microwave (ppm)	0918	4.075	0.1500	4.180	0.5775	0.3820	6	-0.18	1%	0
017.43	Boron, ICP, Microwave (ppm)	0353	4.480	0.9600	4.180	0.5775	0.3820	6	0.52	4%	0
017.43	Boron, ICP, Microwave (ppm)	0083	8.100	0.6000	4.180	0.5775	0.3820	6	6.79	47%	0
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	4.180	0.5775	0.3820	6			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	1.824	0.2176				2			0
017.53	Boron, ICP-MS, Microwave (ppm)	0553	7.645	0.3100				2			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	0.0630	0.0120				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.0925	0.0050				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.6000	0.0000				3			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.2250	0.0500				3			1
019.08	Calcium, EDTA (%)	0689	0.0500	0.0000				3			0
019.08	Calcium, EDTA (%)	2190	0.0550	0.0000				3			0
019.08	Calcium, EDTA (%)	2188	0.2700	0.0000				3			0
019.08	Calcium, EDTA (%)	2193	0.0950	0.0100				3			1
019.09	Calcium, Ion-selective electrode (%)	2392	0.0825	0.0050				2			0
019.09	Calcium, Ion-selective electrode (%)	2006	0.1050	0.0100				2			0
019.31	Calcium, AAS, Dry ash (%)	0921	0.0018	0.0001	0.0478	0.0189	0.0020	15	-2.44	48%	0
019.31	Calcium, AAS, Dry ash (%)	0656	0.0100	0.0000	0.0478	0.0189	0.0020	15	-2.00	40%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.0300	0.0000	0.0478	0.0189	0.0020	15	-0.94	19%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.0400	0.0000	0.0478	0.0189	0.0020	15	-0.41	8%	0
019.31	Calcium, AAS, Dry ash (%)	0722	0.0436	0.0002	0.0478	0.0189	0.0020	15	-0.22	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.0444	0.0024	0.0478	0.0189	0.0020	15	-0.18	4%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.0450	0.0100	0.0478	0.0189	0.0020	15	-0.15	3%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.0485	0.0010	0.0478	0.0189	0.0020	15	0.04	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.0497	0.0077	0.0478	0.0189	0.0020	15	0.10	2%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.0500	0.0000	0.0478	0.0189	0.0020	15	0.12	2%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.0534	0.0018	0.0478	0.0189	0.0020	15	0.30	6%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.0600	0.0000	0.0478	0.0189	0.0020	15	0.65	13%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.0610	0.0017	0.0478	0.0189	0.0020	15	0.70	14%	0
019.31	Calcium, AAS, Dry ash (%)	0723	0.0765	0.0050	0.0478	0.0189	0.0020	15	1.52	30%	0
019.31	Calcium, AAS, Dry ash (%)	0536	0.0800	0.0000	0.0478	0.0189	0.0020	15	1.71	34%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.2500	0.1000	0.0478	0.0189	0.0020	15	10.71	212%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.0650	0.0100				1			0
019.33	Calcium, AAS, Microwave (%)	2022	0.0450	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0598	0.0347	0.0011	0.0530	0.0118	0.0037	19	-1.55	17%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.0400	0.0000	0.0530	0.0118	0.0037	19	-1.10	12%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.0440	0.0020	0.0530	0.0118	0.0037	19	-0.76	8%	0
019.41	Calcium, ICP, Dry ash (%)	0910	0.0450	0.0100	0.0530	0.0118	0.0037	19	-0.68	8%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.0470	0.0040	0.0530	0.0118	0.0037	19	-0.51	6%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
019.41	Calcium, ICP, Dry ash (%)	0098	0.0479	0.0011	0.0530	0.0118	0.0037	19	-0.43	5%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.0500	0.0000	0.0530	0.0118	0.0037	19	-0.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.0500	0.0040	0.0530	0.0118	0.0037	19	-0.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.0500	0.0000	0.0530	0.0118	0.0037	19	-0.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0208	0.0500	0.0020	0.0530	0.0118	0.0037	19	-0.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.0500	0.0000	0.0530	0.0118	0.0037	19	-0.25	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.0520	0.0040	0.0530	0.0118	0.0037	19	-0.08	1%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.0540	0.0016	0.0530	0.0118	0.0037	19	0.09	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.0550	0.0100	0.0530	0.0118	0.0037	19	0.17	2%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.0550	0.0100	0.0530	0.0118	0.0037	19	0.17	2%	0
019.41	Calcium, ICP, Dry ash (%)	0123	0.0700	0.0000	0.0530	0.0118	0.0037	19	1.44	16%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.0700	0.0000	0.0530	0.0118	0.0037	19	1.44	16%	0
019.41	Calcium, ICP, Dry ash (%)	0354	0.1085	0.0010	0.0530	0.0118	0.0037	19	4.71	52%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.1495	0.0190	0.0530	0.0118	0.0037	19	8.18	91%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.0800	0.0400	0.0530	0.0118	0.0037	19	2.29	26%	1
019.42	Calcium, ICP, Open vessel (%)	0870	0.0427	0.0001	0.0552	0.0093	0.0033	20	-1.35	11%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.0445	0.0010	0.0552	0.0093	0.0033	20	-1.15	10%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.0475	0.0010	0.0552	0.0093	0.0033	20	-0.83	7%	0
019.42	Calcium, ICP, Open vessel (%)	0009	0.0479	0.0019	0.0552	0.0093	0.0033	20	-0.79	7%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.0480	0.0000	0.0552	0.0093	0.0033	20	-0.77	7%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.0480	0.0040	0.0552	0.0093	0.0033	20	-0.77	7%	0
019.42	Calcium, ICP, Open vessel (%)	0294	0.0500	0.0000	0.0552	0.0093	0.0033	20	-0.56	5%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.0500	0.0000	0.0552	0.0093	0.0033	20	-0.56	5%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.0535	0.0110	0.0552	0.0093	0.0033	20	-0.18	2%	0
019.42	Calcium, ICP, Open vessel (%)	2342	0.0550	0.0100	0.0552	0.0093	0.0033	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	2375	0.0550	0.0100	0.0552	0.0093	0.0033	20	-0.02	0%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.0560	0.0000	0.0552	0.0093	0.0033	20	0.09	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.0565	0.0050	0.0552	0.0093	0.0033	20	0.14	1%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.0567	0.0028	0.0552	0.0093	0.0033	20	0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0035	0.0600	0.0000	0.0552	0.0093	0.0033	20	0.52	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.0600	0.0000	0.0552	0.0093	0.0033	20	0.52	4%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.0650	0.0100	0.0552	0.0093	0.0033	20	1.06	9%	0
019.42	Calcium, ICP, Open vessel (%)	0265	0.0700	0.0000	0.0552	0.0093	0.0033	20	1.60	13%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.0850	0.0100	0.0552	0.0093	0.0033	20	3.22	27%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.1000	0.0000	0.0552	0.0093	0.0033	20	4.83	41%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.2200	0.0200	0.0552	0.0093	0.0033	20	17.77	149%	2
019.43	Calcium, ICP, Microwave (%)	0870	0.0384	0.0009	0.0485	0.0075	0.0024	21	-1.36	11%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.0388	0.0004	0.0485	0.0075	0.0024	21	-1.30	10%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.0400	0.0000	0.0485	0.0075	0.0024	21	-1.14	9%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.0400	0.0000	0.0485	0.0075	0.0024	21	-1.14	9%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.0400	0.0200	0.0485	0.0075	0.0024	21	-1.14	9%	0
019.43	Calcium, ICP, Microwave (%)	0425	0.0450	0.0000	0.0485	0.0075	0.0024	21	-0.47	4%	0

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019.43	Calcium, ICP, Microwave (%)	0918	0.0450	0.0000	0.0485	0.0075	0.0024	21	-0.47	4%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.0465	0.0010	0.0485	0.0075	0.0024	21	-0.27	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.0465	0.0010	0.0485	0.0075	0.0024	21	-0.27	2%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.0477	0.0003	0.0485	0.0075	0.0024	21	-0.12	1%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.0500	0.0000	0.0485	0.0075	0.0024	21	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.0500	0.0000	0.0485	0.0075	0.0024	21	0.19	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.0509	0.0021	0.0485	0.0075	0.0024	21	0.31	2%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.0515	0.0010	0.0485	0.0075	0.0024	21	0.39	3%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.0520	0.0020	0.0485	0.0075	0.0024	21	0.46	4%	0
019.43	Calcium, ICP, Microwave (%)	0964	0.0534	0.0004	0.0485	0.0075	0.0024	21	0.65	5%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.0544	0.0003	0.0485	0.0075	0.0024	21	0.77	6%	0
019.43	Calcium, ICP, Microwave (%)	0353	0.0550	0.0100	0.0485	0.0075	0.0024	21	0.86	7%	0
019.43	Calcium, ICP, Microwave (%)	0610	0.0550	0.0100	0.0485	0.0075	0.0024	21	0.86	7%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.0600	0.0000	0.0485	0.0075	0.0024	21	1.52	12%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.0700	0.0000	0.0485	0.0075	0.0024	21	2.86	22%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.0650	0.0300	0.0485	0.0075	0.0024	21	2.19	17%	1
019.43	Calcium, ICP, Microwave (%)	0300	< 0.25		0.0485	0.0075	0.0024	21			5
019.44	Calcium, ICP, Dry ash (%)	0164	0.0430	0.0000				3			0
019.44	Calcium, ICP, Dry ash (%)	0051	0.0462	0.0004				3			0
019.44	Calcium, ICP, Dry ash (%)	0723	0.1100	0.0000				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.0499	0.0008				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0560	0.0503	0.0018				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.0518	0.0009				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.0880	0.0140				3			2
019.53	Calcium, ICP-MS, Microwave (%)	0553	0.0450	0.0001				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0015	0.0465	0.0010				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.0500	0.0000				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.0561	0.0046				3			1
019.99	Calcium, Miscellaneous (%)	0242	0.0400	0.0000				3			0
019.99	Calcium, Miscellaneous (%)	0100	0.0450	0.0100				3			0
019.99	Calcium, Miscellaneous (%)	0889	0.1100	0.0000				3			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	< 5					0			5
021.41	Cobalt, ICP, Dry ash (ppm)	0171	0.0860	0.0000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0123	0.0900	0.0000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	0.2607	0.0401				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	< 0.5					3			5
021.43	Cobalt, ICP, Microwave (ppm)	0510	0.2000	0.0000				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	0.3506	0.1612				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	0.6550	0.0500				3			0
021.43	Cobalt, ICP, Microwave (ppm)	0353	0.7850	0.2900				3			1
021.43	Cobalt, ICP, Microwave (ppm)	0682	9.100	0.0000				3			2
021.43	Cobalt, ICP, Microwave (ppm)	0297	0.0000	0.0000				3			4

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021.43	Cobalt, ICP, Microwave (ppm)	0964	< 0.41					3			5
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0560	0.1300	0.0200				1			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	< 0.5					1			5
021.53	Cobalt, ICP-MS, Microwave (ppm)	0553	0.1285	0.0010	0.1358	0.0093	0.0111	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0918	0.1300	0.0140	0.1358	0.0093	0.0111	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	0.1300	0.0000	0.1358	0.0093	0.0111	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0015	0.1400	0.0200	0.1358	0.0093	0.0111	5			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	0.1503	0.0204	0.1358	0.0093	0.0111	5			0
022.31	Copper, AAS, Dry ash (ppm)	0536	4.350	0.3000	7.212	3.486	0.3986	4			0
022.31	Copper, AAS, Dry ash (ppm)	0208	4.415	0.7100	7.212	3.486	0.3986	4			0
022.31	Copper, AAS, Dry ash (ppm)	0722	8.553	0.1682	7.212	3.486	0.3986	4			0
022.31	Copper, AAS, Dry ash (ppm)	0622	11.53	0.4163	7.212	3.486	0.3986	4			0
022.31	Copper, AAS, Dry ash (ppm)	0529	< 9.6		7.212	3.486	0.3986	4			5
022.31	Copper, AAS, Dry ash (ppm)	0656	< 10.1		7.212	3.486	0.3986	4			5
022.31	Copper, AAS, Dry ash (ppm)	0563	< 25		7.212	3.486	0.3986	4			5
022.33	Copper, AAS, Microwave (ppm)	0010	6.250	0.3000				1			0
022.41	Copper, ICP, Dry ash (ppm)	0598	2.307	0.1454	5.321	2.186	0.3460	14	-1.38	28%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	3.443	0.3487	5.321	2.186	0.3460	14	-0.86	18%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	3.490	0.0400	5.321	2.186	0.3460	14	-0.84	17%	0
022.41	Copper, ICP, Dry ash (ppm)	0123	3.645	0.7700	5.321	2.186	0.3460	14	-0.77	16%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	4.210	0.0200	5.321	2.186	0.3460	14	-0.51	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	4.805	0.0900	5.321	2.186	0.3460	14	-0.24	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	4.985	0.0900	5.321	2.186	0.3460	14	-0.15	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	5.240	1.040	5.321	2.186	0.3460	14	-0.04	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	5.340	0.0000	5.321	2.186	0.3460	14	0.01	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	5.950	0.3000	5.321	2.186	0.3460	14	0.29	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	6.240	1.140	5.321	2.186	0.3460	14	0.42	9%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	7.770	0.3800	5.321	2.186	0.3460	14	1.12	23%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	8.470	0.0000	5.321	2.186	0.3460	14	1.44	30%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	12.96	0.4800	5.321	2.186	0.3460	14	3.49	72%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	6.000	2.000	5.321	2.186	0.3460	14	0.31	6%	1
022.41	Copper, ICP, Dry ash (ppm)	0520	< 5		5.321	2.186	0.3460	14			5
022.42	Copper, ICP, Open vessel (ppm)	0294	3.070	0.0000	6.170	0.9060	0.5547	22	-3.42	25%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	5.170	0.0000	6.170	0.9060	0.5547	22	-1.10	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	5.290	0.6800	6.170	0.9060	0.5547	22	-0.97	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	5.300	0.2000	6.170	0.9060	0.5547	22	-0.96	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	5.500	1.000	6.170	0.9060	0.5547	22	-0.74	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	5.570	0.5600	6.170	0.9060	0.5547	22	-0.66	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	5.615	0.0300	6.170	0.9060	0.5547	22	-0.61	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	5.860	0.4200	6.170	0.9060	0.5547	22	-0.34	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	5.892	0.0330	6.170	0.9060	0.5547	22	-0.31	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	5.919	0.7490	6.170	0.9060	0.5547	22	-0.28	2%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.42	Copper, ICP, Open vessel (ppm)	2342	5.950	0.1000	6.170	0.9060	0.5547	22	-0.24	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	6.000	2.000	6.170	0.9060	0.5547	22	-0.19	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	6.050	0.5000	6.170	0.9060	0.5547	22	-0.13	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	6.157	0.1270	6.170	0.9060	0.5547	22	-0.01	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	6.602	0.0940	6.170	0.9060	0.5547	22	0.48	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	6.660	0.2600	6.170	0.9060	0.5547	22	0.54	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0265	6.935	0.0300	6.170	0.9060	0.5547	22	0.84	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0035	7.000	0.0000	6.170	0.9060	0.5547	22	0.92	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	7.000	0.4000	6.170	0.9060	0.5547	22	0.92	7%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	7.425	1.450	6.170	0.9060	0.5547	22	1.39	10%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	7.500	3.000	6.170	0.9060	0.5547	22	1.47	11%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	8.515	0.5700	6.170	0.9060	0.5547	22	2.59	19%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	81.23	2.340	6.170	0.9060	0.5547	22	82.85	608%	2
022.43	Copper, ICP, Microwave (ppm)	0425	3.340	0.0400	5.540	0.8484	0.2167	21	-2.59	20%	0
022.43	Copper, ICP, Microwave (ppm)	0083	4.000	0.0000	5.540	0.8484	0.2167	21	-1.82	14%	0
022.43	Copper, ICP, Microwave (ppm)	0964	4.560	0.6600	5.540	0.8484	0.2167	21	-1.15	9%	0
022.43	Copper, ICP, Microwave (ppm)	0297	5.000	0.0000	5.540	0.8484	0.2167	21	-0.64	5%	0
022.43	Copper, ICP, Microwave (ppm)	0510	5.000	0.0000	5.540	0.8484	0.2167	21	-0.64	5%	0
022.43	Copper, ICP, Microwave (ppm)	0511	5.000	0.0000	5.540	0.8484	0.2167	21	-0.64	5%	0
022.43	Copper, ICP, Microwave (ppm)	0968	5.045	0.0860	5.540	0.8484	0.2167	21	-0.58	4%	0
022.43	Copper, ICP, Microwave (ppm)	0610	5.195	0.3900	5.540	0.8484	0.2167	21	-0.41	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	5.300	0.0000	5.540	0.8484	0.2167	21	-0.28	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	5.430	0.1400	5.540	0.8484	0.2167	21	-0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	0345	5.665	0.1300	5.540	0.8484	0.2167	21	0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0407	5.679	0.1212	5.540	0.8484	0.2167	21	0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0027	5.687	0.0530	5.540	0.8484	0.2167	21	0.17	1%	0
022.43	Copper, ICP, Microwave (ppm)	0870	5.723	0.3700	5.540	0.8484	0.2167	21	0.22	2%	0
022.43	Copper, ICP, Microwave (ppm)	0202	5.830	0.0400	5.540	0.8484	0.2167	21	0.34	3%	0
022.43	Copper, ICP, Microwave (ppm)	0035	6.000	0.0000	5.540	0.8484	0.2167	21	0.54	4%	0
022.43	Copper, ICP, Microwave (ppm)	2192	6.230	0.6800	5.540	0.8484	0.2167	21	0.81	6%	0
022.43	Copper, ICP, Microwave (ppm)	0353	6.270	0.5400	5.540	0.8484	0.2167	21	0.86	7%	0
022.43	Copper, ICP, Microwave (ppm)	0918	6.565	0.0100	5.540	0.8484	0.2167	21	1.21	9%	0
022.43	Copper, ICP, Microwave (ppm)	0169	8.600	0.7200	5.540	0.8484	0.2167	21	3.61	28%	0
022.43	Copper, ICP, Microwave (ppm)	2089	11.94	0.5700	5.540	0.8484	0.2167	21	7.54	58%	0
022.43	Copper, ICP, Microwave (ppm)	0505	9.585	2.070	5.540	0.8484	0.2167	21	4.77	37%	1
022.43	Copper, ICP, Microwave (ppm)	0017	0.0000	0.0000	5.540	0.8484	0.2167	21			4
022.44	Copper, ICP, Dry ash (ppm)	0051	4.600	0.1600				2			0
022.44	Copper, ICP, Dry ash (ppm)	0164	5.000	0.0000				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0560	5.250	0.3000				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	5.495	0.0300				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	9.100	0.6000				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	4.875	0.0500				3			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
022.53	Copper, ICP-MS, Microwave (ppm)	0407	5.779	0.1276				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0553	5.785	0.2900				3			0
022.99	Copper, Miscellaneous (ppm)	0100	5.000	0.0000				2			0
022.99	Copper, Miscellaneous (ppm)	2302	8.000	0.0000				2			0
022.99	Copper, Miscellaneous (ppm)	0242	< 1					2			5
025.31	Iron, AAS, Dry ash (ppm)	0921	49.79	2.250	84.20	20.39	1.140	7	-1.69	20%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	75.53	1.178	84.20	20.39	1.140	7	-0.42	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0208	77.85	0.7000	84.20	20.39	1.140	7	-0.31	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	84.35	1.100	84.20	20.39	1.140	7	0.01	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0656	87.82	0.0000	84.20	20.39	1.140	7	0.18	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	104.4	0.0000	84.20	20.39	1.140	7	0.99	12%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	105.9	2.750	84.20	20.39	1.140	7	1.06	13%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	118.5	9.000	84.20	20.39	1.140	7	1.68	20%	1
025.41	Iron, ICP, Dry ash (ppm)	0123	69.35	0.3000	89.31	5.551	2.474	18	-3.60	11%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	80.44	0.5700	89.31	5.551	2.474	18	-1.60	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	83.96	1.820	89.31	5.551	2.474	18	-0.96	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	84.57	1.600	89.31	5.551	2.474	18	-0.85	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	85.63	0.7800	89.31	5.551	2.474	18	-0.66	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	87.50	13.00	89.31	5.551	2.474	18	-0.33	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0208	88.17	2.220	89.31	5.551	2.474	18	-0.21	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	88.30	2.000	89.31	5.551	2.474	18	-0.18	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	89.43	0.5500	89.31	5.551	2.474	18	0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	89.65	1.051	89.31	5.551	2.474	18	0.06	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	90.43	5.156	89.31	5.551	2.474	18	0.20	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	90.64	3.480	89.31	5.551	2.474	18	0.24	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	92.33	0.2300	89.31	5.551	2.474	18	0.54	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0051	92.68	0.3900	89.31	5.551	2.474	18	0.61	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	93.00	2.000	89.31	5.551	2.474	18	0.66	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	94.11	0.0000	89.31	5.551	2.474	18	0.86	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	103.1	3.440	89.31	5.551	2.474	18	2.49	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	107.7	5.937	89.31	5.551	2.474	18	3.30	10%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	97.00	22.00	89.31	5.551	2.474	18	1.38	4%	1
025.42	Iron, ICP, Open vessel (ppm)	2129	76.96	1.530	94.89	12.18	2.801	19	-1.47	9%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	82.05	0.9000	94.89	12.18	2.801	19	-1.05	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	84.51	0.2800	94.89	12.18	2.801	19	-0.85	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	85.55	1.900	94.89	12.18	2.801	19	-0.77	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	85.77	0.0400	94.89	12.18	2.801	19	-0.75	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	86.92	7.889	94.89	12.18	2.801	19	-0.65	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	87.80	0.4900	94.89	12.18	2.801	19	-0.58	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0265	87.85	5.900	94.89	12.18	2.801	19	-0.58	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	92.70	4.000	94.89	12.18	2.801	19	-0.18	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2342	93.40	2.000	94.89	12.18	2.801	19	-0.12	1%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
025.42	Iron, ICP, Open vessel (ppm)	0726	97.55	0.0700	94.89	12.18	2.801	19	0.22	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	97.75	4.100	94.89	12.18	2.801	19	0.23	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	98.00	4.000	94.89	12.18	2.801	19	0.26	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	101.2	2.400	94.89	12.18	2.801	19	0.52	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0035	103.5	3.000	94.89	12.18	2.801	19	0.71	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	104.8	1.000	94.89	12.18	2.801	19	0.81	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	110.3	0.0540	94.89	12.18	2.801	19	1.26	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	149.5	11.00	94.89	12.18	2.801	19	4.48	29%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	197.6	2.660	94.89	12.18	2.801	19	8.43	54%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	80.00	16.00	94.89	12.18	2.801	19	-1.22	8%	1
025.42	Iron, ICP, Open vessel (ppm)	0413	< 100		94.89	12.18	2.801	19			5
025.43	Iron, ICP, Microwave (ppm)	0083	73.50	1.000	87.53	7.156	2.145	23	-1.96	8%	0
025.43	Iron, ICP, Microwave (ppm)	0017	75.74	3.704	87.53	7.156	2.145	23	-1.65	7%	0
025.43	Iron, ICP, Microwave (ppm)	0511	77.50	1.000	87.53	7.156	2.145	23	-1.40	6%	0
025.43	Iron, ICP, Microwave (ppm)	0425	80.08	0.0700	87.53	7.156	2.145	23	-1.04	4%	0
025.43	Iron, ICP, Microwave (ppm)	0870	81.55	3.960	87.53	7.156	2.145	23	-0.84	3%	0
025.43	Iron, ICP, Microwave (ppm)	0510	83.50	1.000	87.53	7.156	2.145	23	-0.56	2%	0
025.43	Iron, ICP, Microwave (ppm)	0297	84.50	1.000	87.53	7.156	2.145	23	-0.42	2%	0
025.43	Iron, ICP, Microwave (ppm)	0682	84.69	0.0000	87.53	7.156	2.145	23	-0.40	2%	0
025.43	Iron, ICP, Microwave (ppm)	0610	85.30	6.400	87.53	7.156	2.145	23	-0.31	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	85.79	2.263	87.53	7.156	2.145	23	-0.24	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	86.94	1.350	87.53	7.156	2.145	23	-0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	0876	87.30	4.400	87.53	7.156	2.145	23	-0.03	0%	0
025.43	Iron, ICP, Microwave (ppm)	0098	89.51	2.100	87.53	7.156	2.145	23	0.28	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	90.60	2.200	87.53	7.156	2.145	23	0.43	2%	0
025.43	Iron, ICP, Microwave (ppm)	0345	90.76	1.680	87.53	7.156	2.145	23	0.45	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	91.15	0.1000	87.53	7.156	2.145	23	0.51	2%	0
025.43	Iron, ICP, Microwave (ppm)	0013	91.90	8.800	87.53	7.156	2.145	23	0.61	2%	0
025.43	Iron, ICP, Microwave (ppm)	0505	92.06	2.270	87.53	7.156	2.145	23	0.63	3%	0
025.43	Iron, ICP, Microwave (ppm)	0723	92.06	1.858	87.53	7.156	2.145	23	0.63	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	93.03	1.179	87.53	7.156	2.145	23	0.77	3%	0
025.43	Iron, ICP, Microwave (ppm)	0860	94.89	0.0000	87.53	7.156	2.145	23	1.03	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	98.50	1.000	87.53	7.156	2.145	23	1.53	6%	0
025.43	Iron, ICP, Microwave (ppm)	0035	100.0	2.000	87.53	7.156	2.145	23	1.74	7%	0
025.43	Iron, ICP, Microwave (ppm)	0964	92.65	13.30	87.53	7.156	2.145	23	0.72	3%	1
025.43	Iron, ICP, Microwave (ppm)	2089	273.1	8.530	87.53	7.156	2.145	23	25.93	106%	2
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	66.29	0.3810				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	127.3	2.300				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	83.67	60.81				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0553	87.45	6.900				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0015	98.14	8.770				3			0
025.99	Iron, Miscellaneous (ppm)	0242	86.00	2.000				2			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
025.99	Iron, Miscellaneous (ppm)	0100	91.00	4.000				2			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.6560	0.0000	0.7865	0.0430	0.0129	10	-3.03	8%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.7450	0.0100	0.7865	0.0430	0.0129	10	-0.96	3%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.7600	0.0000	0.7865	0.0430	0.0129	10	-0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0142	0.7601	0.0097	0.7865	0.0430	0.0129	10	-0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0656	0.7900	0.0000	0.7865	0.0430	0.0129	10	0.08	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.8015	0.0094	0.7865	0.0430	0.0129	10	0.35	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.8125	0.0090	0.7865	0.0430	0.0129	10	0.61	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.8150	0.0300	0.7865	0.0430	0.0129	10	0.66	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0208	0.8175	0.0510	0.7865	0.0430	0.0129	10	0.72	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.8411	0.0095	0.7865	0.0430	0.0129	10	1.27	3%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.7100	0.0400				1			0
027.33	Magnesium, AAS, Microwave (%)	0010	0.7600	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.7350	0.0300	0.8213	0.0404	0.0167	17	-2.14	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.7600	0.0400	0.8213	0.0404	0.0167	17	-1.52	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.7750	0.0300	0.8213	0.0404	0.0167	17	-1.15	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.8045	0.0030	0.8213	0.0404	0.0167	17	-0.42	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.8050	0.0100	0.8213	0.0404	0.0167	17	-0.40	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0123	0.8100	0.0200	0.8213	0.0404	0.0167	17	-0.28	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.8150	0.0500	0.8213	0.0404	0.0167	17	-0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.8150	0.0100	0.8213	0.0404	0.0167	17	-0.16	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.8160	0.0000	0.8213	0.0404	0.0167	17	-0.13	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.8240	0.0020	0.8213	0.0404	0.0167	17	0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.8300	0.0200	0.8213	0.0404	0.0167	17	0.22	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.8400	0.0000	0.8213	0.0404	0.0167	17	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.8400	0.0200	0.8213	0.0404	0.0167	17	0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.8420	0.0020	0.8213	0.0404	0.0167	17	0.51	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.8605	0.0270	0.8213	0.0404	0.0167	17	0.97	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.8900	0.0140	0.8213	0.0404	0.0167	17	1.70	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	1.084	0.0055	0.8213	0.0404	0.0167	17	6.50	16%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.6240	0.0260	0.8116	0.0760	0.0201	21	-2.47	12%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.6400	0.0400	0.8116	0.0760	0.0201	21	-2.26	11%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.7100	0.0000	0.8116	0.0760	0.0201	21	-1.34	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.7350	0.0300	0.8116	0.0760	0.0201	21	-1.01	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.7605	0.0030	0.8116	0.0760	0.0201	21	-0.67	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.7755	0.0050	0.8116	0.0760	0.0201	21	-0.47	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.7890	0.0020	0.8116	0.0760	0.0201	21	-0.30	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.7900	0.0200	0.8116	0.0760	0.0201	21	-0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.7950	0.1100	0.8116	0.0760	0.0201	21	-0.22	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.8050	0.0020	0.8116	0.0760	0.0201	21	-0.09	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0265	0.8150	0.0100	0.8116	0.0760	0.0201	21	0.05	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.8210	0.0547	0.8116	0.0760	0.0201	21	0.12	1%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
027.42	Magnesium, ICP, Open vessel (%)	0870	0.8263	0.0006	0.8116	0.0760	0.0201	21	0.19	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.8335	0.0430	0.8116	0.0760	0.0201	21	0.29	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0035	0.8500	0.0000	0.8116	0.0760	0.0201	21	0.51	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.8568	0.0059	0.8116	0.0760	0.0201	21	0.59	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.8799	0.0006	0.8116	0.0760	0.0201	21	0.90	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2342	0.8800	0.0200	0.8116	0.0760	0.0201	21	0.90	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.8900	0.0000	0.8116	0.0760	0.0201	21	1.03	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.9100	0.0000	0.8116	0.0760	0.0201	21	1.29	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.9350	0.0500	0.8116	0.0760	0.0201	21	1.62	8%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.9300	0.2400	0.8116	0.0760	0.0201	21	1.56	7%	1
027.43	Magnesium, ICP, Microwave (%)	0511	0.7150	0.0100	0.7955	0.0516	0.0156	24	-1.56	5%	0
027.43	Magnesium, ICP, Microwave (%)	0425	0.7300	0.0000	0.7955	0.0516	0.0156	24	-1.27	4%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.7320	0.0040	0.7955	0.0516	0.0156	24	-1.23	4%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.7350	0.0100	0.7955	0.0516	0.0156	24	-1.17	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.7400	0.0000	0.7955	0.0516	0.0156	24	-1.08	3%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.7650	0.0300	0.7955	0.0516	0.0156	24	-0.59	2%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.7675	0.0030	0.7955	0.0516	0.0156	24	-0.54	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.7750	0.0100	0.7955	0.0516	0.0156	24	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.7750	0.0300	0.7955	0.0516	0.0156	24	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.7775	0.0050	0.7955	0.0516	0.0156	24	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.7800	0.0200	0.7955	0.0516	0.0156	24	-0.30	1%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.7915	0.0450	0.7955	0.0516	0.0156	24	-0.08	0%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.8000	0.0400	0.7955	0.0516	0.0156	24	0.09	0%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.8150	0.0060	0.7955	0.0516	0.0156	24	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0027	0.8155	0.0210	0.7955	0.0516	0.0156	24	0.39	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.8166	0.0067	0.7955	0.0516	0.0156	24	0.41	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.8207	0.0096	0.7955	0.0516	0.0156	24	0.49	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.8250	0.0100	0.7955	0.0516	0.0156	24	0.57	2%	0
027.43	Magnesium, ICP, Microwave (%)	0013	0.8305	0.0030	0.7955	0.0516	0.0156	24	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.8400	0.0400	0.7955	0.0516	0.0156	24	0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0036	0.8415	0.0137	0.7955	0.0516	0.0156	24	0.89	3%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.8600	0.0200	0.7955	0.0516	0.0156	24	1.25	4%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.8674	0.0172	0.7955	0.0516	0.0156	24	1.39	5%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.9000	0.0200	0.7955	0.0516	0.0156	24	2.03	7%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.8313	0.0936	0.7955	0.0516	0.0156	24	0.69	2%	1
027.44	Magnesium, ICP, Dry ash (%)	0164	0.7820	0.0020				2			0
027.44	Magnesium, ICP, Dry ash (%)	0051	0.8253	0.0099				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.8157	0.0142				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.8262	0.0177				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0560	0.8544	0.1124				2			1
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	1.095	0.0100				2			2
027.53	Magnesium, ICP-MS, Microwave (%)	0015	0.7700	0.0200	0.7923	0.0259	0.0110	4			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.7700	0.0000	0.7923	0.0259	0.0110	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.8111	0.0238	0.7923	0.0259	0.0110	4			0
027.53	Magnesium, ICP-MS, Microwave (%)	0553	0.8180	0.0000	0.7923	0.0259	0.0110	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.7650	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.8750	0.0100				3			0
027.99	Magnesium, Miscellaneous (%)	2302	0.8900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.8050	0.0700				3			1
028.00	Manganese, Color (ppm)	2392	175.0	0.0000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	132.5	3.400	155.1	19.52	2.855	8	-1.16	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0208	136.5	1.000	155.1	19.52	2.855	8	-0.95	6%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	140.1	9.100	155.1	19.52	2.855	8	-0.77	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	149.6	1.491	155.1	19.52	2.855	8	-0.28	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	167.4	1.200	155.1	19.52	2.855	8	0.63	4%	0
028.31	Manganese, AAS, Dry ash (ppm)	0656	169.9	0.0000	155.1	19.52	2.855	8	0.76	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	171.8	6.650	155.1	19.52	2.855	8	0.86	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	172.7	0.0000	155.1	19.52	2.855	8	0.90	6%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	179.0	0.0000				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0358	159.9	3.790	172.4	10.91	1.620	16	-1.14	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	160.0	0.7000	172.4	10.91	1.620	16	-1.14	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	160.9	0.1000	172.4	10.91	1.620	16	-1.05	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	164.5	1.000	172.4	10.91	1.620	16	-0.72	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	165.5	0.4000	172.4	10.91	1.620	16	-0.63	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	167.5	1.000	172.4	10.91	1.620	16	-0.44	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0123	168.0	2.000	172.4	10.91	1.620	16	-0.40	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0208	170.0	2.800	172.4	10.91	1.620	16	-0.22	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	171.3	0.5000	172.4	10.91	1.620	16	-0.10	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	171.8	0.0957	172.4	10.91	1.620	16	-0.05	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	177.5	0.0000	172.4	10.91	1.620	16	0.47	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	179.0	0.0000	172.4	10.91	1.620	16	0.61	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	181.5	3.760	172.4	10.91	1.620	16	0.84	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	184.5	3.000	172.4	10.91	1.620	16	1.11	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	187.2	3.491	172.4	10.91	1.620	16	1.36	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	231.0	3.276	172.4	10.91	1.620	16	5.37	17%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	171.5	8.810	172.4	10.91	1.620	16	-0.08	0%	1
028.42	Manganese, ICP, Open vessel (ppm)	2129	134.7	6.400	176.7	15.20	4.589	22	-2.76	12%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	153.5	13.00	176.7	15.20	4.589	22	-1.52	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	161.3	3.200	176.7	15.20	4.589	22	-1.01	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	161.5	5.000	176.7	15.20	4.589	22	-1.00	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	162.7	0.5800	176.7	15.20	4.589	22	-0.92	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	167.0	10.00	176.7	15.20	4.589	22	-0.64	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	167.5	7.000	176.7	15.20	4.589	22	-0.60	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	167.5	1.000	176.7	15.20	4.589	22	-0.60	3%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.42	Manganese, ICP, Open vessel (ppm)	0413	169.5	1.000	176.7	15.20	4.589	22	-0.47	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0265	176.0	2.000	176.7	15.20	4.589	22	-0.04	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	178.6	3.560	176.7	15.20	4.589	22	0.13	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	178.7	14.70	176.7	15.20	4.589	22	0.13	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	183.5	3.000	176.7	15.20	4.589	22	0.45	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0035	184.5	1.000	176.7	15.20	4.589	22	0.52	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	184.5	9.000	176.7	15.20	4.589	22	0.52	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	185.9	0.7000	176.7	15.20	4.589	22	0.60	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	186.1	5.300	176.7	15.20	4.589	22	0.62	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	186.9	0.4000	176.7	15.20	4.589	22	0.67	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	2342	188.5	1.000	176.7	15.20	4.589	22	0.78	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	194.2	0.2110	176.7	15.20	4.589	22	1.15	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	195.0	4.000	176.7	15.20	4.589	22	1.21	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	208.7	8.910	176.7	15.20	4.589	22	2.11	9%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	178.9	30.68	176.7	15.20	4.589	22	0.15	1%	1
028.43	Manganese, ICP, Microwave (ppm)	0511	153.5	3.000	171.1	10.83	4.646	26	-1.63	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	155.2	0.4180	171.1	10.83	4.646	26	-1.47	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	159.0	2.000	171.1	10.83	4.646	26	-1.12	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	161.0	6.900	171.1	10.83	4.646	26	-0.94	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	163.0	8.000	171.1	10.83	4.646	26	-0.75	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0425	163.5	3.000	171.1	10.83	4.646	26	-0.70	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	163.7	0.0300	171.1	10.83	4.646	26	-0.69	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	163.9	1.136	171.1	10.83	4.646	26	-0.66	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0860	164.5	0.0000	171.1	10.83	4.646	26	-0.61	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	166.5	9.100	171.1	10.83	4.646	26	-0.43	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	170.0	8.000	171.1	10.83	4.646	26	-0.10	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	170.2	2.500	171.1	10.83	4.646	26	-0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	170.2	0.0000	171.1	10.83	4.646	26	-0.09	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	170.6	1.800	171.1	10.83	4.646	26	-0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	171.5	1.000	171.1	10.83	4.646	26	0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	172.5	15.00	171.1	10.83	4.646	26	0.13	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	174.0	10.00	171.1	10.83	4.646	26	0.27	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	174.5	7.000	171.1	10.83	4.646	26	0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0013	177.0	2.000	171.1	10.83	4.646	26	0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	177.0	2.000	171.1	10.83	4.646	26	0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0300	179.1	12.20	171.1	10.83	4.646	26	0.74	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	182.7	0.4200	171.1	10.83	4.646	26	1.07	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	183.0	4.000	171.1	10.83	4.646	26	1.10	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0723	187.0	2.022	171.1	10.83	4.646	26	1.47	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	189.6	12.27	171.1	10.83	4.646	26	1.70	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	205.5	7.000	171.1	10.83	4.646	26	3.18	10%	0
028.44	Manganese, ICP, Dry ash (ppm)	0051	165.0	0.8300				2			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
028.44	Manganese, ICP, Dry ash (ppm)	0164	166.5	3.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	163.5	1.000				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0560	173.4	9.400				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	199.9	11.80				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	162.0	12.00	175.4	12.82	8.498	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	169.5	1.000	175.4	12.82	8.498	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0553	173.5	15.00	175.4	12.82	8.498	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0015	175.4	4.350	175.4	12.82	8.498	5			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	196.4	10.14	175.4	12.82	8.498	5			0
028.99	Manganese, Miscellaneous (ppm)	0242	167.5	1.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	182.0	6.000				3			0
028.99	Manganese, Miscellaneous (ppm)	2302	189.0	0.0000				3			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0020	0.0001				1			0
031.01	Phosphorus, Photometric (%)	2146	0.6550	0.0900	1.916	0.1059	0.0392	31	-11.91	33%	0
031.01	Phosphorus, Photometric (%)	0884	0.9700	0.0000	1.916	0.1059	0.0392	31	-8.93	25%	0
031.01	Phosphorus, Photometric (%)	0921	1.018	0.1700	1.916	0.1059	0.0392	31	-8.48	23%	0
031.01	Phosphorus, Photometric (%)	2181	1.455	0.0100	1.916	0.1059	0.0392	31	-4.35	12%	0
031.01	Phosphorus, Photometric (%)	0018	1.825	0.1300	1.916	0.1059	0.0392	31	-0.86	2%	0
031.01	Phosphorus, Photometric (%)	0687	1.825	0.0500	1.916	0.1059	0.0392	31	-0.86	2%	0
031.01	Phosphorus, Photometric (%)	0563	1.835	0.0014	1.916	0.1059	0.0392	31	-0.76	2%	0
031.01	Phosphorus, Photometric (%)	0142	1.845	0.0253	1.916	0.1059	0.0392	31	-0.67	2%	0
031.01	Phosphorus, Photometric (%)	2006	1.847	0.0100	1.916	0.1059	0.0392	31	-0.65	2%	0
031.01	Phosphorus, Photometric (%)	0722	1.852	0.0591	1.916	0.1059	0.0392	31	-0.60	2%	0
031.01	Phosphorus, Photometric (%)	2022	1.870	0.0200	1.916	0.1059	0.0392	31	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0038	1.880	0.0200	1.916	0.1059	0.0392	31	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	2302	1.880	0.0000	1.916	0.1059	0.0392	31	-0.34	1%	0
031.01	Phosphorus, Photometric (%)	0723	1.930	0.0600	1.916	0.1059	0.0392	31	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0651	1.935	0.0324	1.916	0.1059	0.0392	31	0.18	0%	0
031.01	Phosphorus, Photometric (%)	2196	1.937	0.0000	1.916	0.1059	0.0392	31	0.20	1%	0
031.01	Phosphorus, Photometric (%)	2246	1.945	0.0100	1.916	0.1059	0.0392	31	0.27	1%	0
031.01	Phosphorus, Photometric (%)	2392	1.945	0.0300	1.916	0.1059	0.0392	31	0.27	1%	0
031.01	Phosphorus, Photometric (%)	0622	1.954	0.0117	1.916	0.1059	0.0392	31	0.36	1%	0
031.01	Phosphorus, Photometric (%)	0529	1.955	0.0500	1.916	0.1059	0.0392	31	0.37	1%	0
031.01	Phosphorus, Photometric (%)	0626	1.958	0.0420	1.916	0.1059	0.0392	31	0.40	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.968	0.0170	1.916	0.1059	0.0392	31	0.49	1%	0
031.01	Phosphorus, Photometric (%)	0208	1.985	0.1500	1.916	0.1059	0.0392	31	0.65	2%	0
031.01	Phosphorus, Photometric (%)	0689	1.985	0.0300	1.916	0.1059	0.0392	31	0.65	2%	0
031.01	Phosphorus, Photometric (%)	0939	1.990	0.0600	1.916	0.1059	0.0392	31	0.70	2%	0
031.01	Phosphorus, Photometric (%)	2190	1.997	0.0090	1.916	0.1059	0.0392	31	0.76	2%	0
031.01	Phosphorus, Photometric (%)	2188	2.000	0.0000	1.916	0.1059	0.0392	31	0.79	2%	0
031.01	Phosphorus, Photometric (%)	2192	2.025	0.0500	1.916	0.1059	0.0392	31	1.03	3%	0
031.01	Phosphorus, Photometric (%)	0656	2.050	0.0000	1.916	0.1059	0.0392	31	1.27	3%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.01	Phosphorus, Photometric (%)	0948	2.095	0.0300	1.916	0.1059	0.0392	31	1.69	5%	0
031.01	Phosphorus, Photometric (%)	2109	2.112	0.0460	1.916	0.1059	0.0392	31	1.85	5%	0
031.03	Phosphorus, Autoanalyzer (%)	0001	2.006	0.0440				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	2.275	0.0300				2			0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.827	0.0980	1.976	0.1078	0.0420	21	-1.38	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.835	0.0100	1.976	0.1078	0.0420	21	-1.31	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.869	0.0350	1.976	0.1078	0.0420	21	-1.00	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	1.870	0.0000	1.976	0.1078	0.0420	21	-0.99	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.880	0.0000	1.976	0.1078	0.0420	21	-0.89	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0354	1.917	0.0020	1.976	0.1078	0.0420	21	-0.55	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.920	0.0800	1.976	0.1078	0.0420	21	-0.52	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.925	0.0100	1.976	0.1078	0.0420	21	-0.48	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.950	0.0200	1.976	0.1078	0.0420	21	-0.24	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.962	0.0200	1.976	0.1078	0.0420	21	-0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0123	1.970	0.0600	1.976	0.1078	0.0420	21	-0.06	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.990	0.1600	1.976	0.1078	0.0420	21	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.990	0.0400	1.976	0.1078	0.0420	21	0.13	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	2.010	0.0600	1.976	0.1078	0.0420	21	0.31	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	2.033	0.0438	1.976	0.1078	0.0420	21	0.53	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	2.035	0.0500	1.976	0.1078	0.0420	21	0.54	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0208	2.050	0.0140	1.976	0.1078	0.0420	21	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	2.074	0.1185	1.976	0.1078	0.0420	21	0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	2.120	0.0400	1.976	0.1078	0.0420	21	1.33	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	2.145	0.0100	1.976	0.1078	0.0420	21	1.56	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	2.175	0.0100	1.976	0.1078	0.0420	21	1.84	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	1.565	0.0100	1.954	0.1797	0.1044	22	-2.16	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.705	0.1900	1.954	0.1797	0.1044	22	-1.39	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.760	0.4600	1.954	0.1797	0.1044	22	-1.08	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.780	0.0200	1.954	0.1797	0.1044	22	-0.97	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	1.795	0.0700	1.954	0.1797	0.1044	22	-0.88	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.810	0.1800	1.954	0.1797	0.1044	22	-0.80	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.810	0.0800	1.954	0.1797	0.1044	22	-0.80	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.828	0.1780	1.954	0.1797	0.1044	22	-0.70	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0035	1.925	0.0100	1.954	0.1797	0.1044	22	-0.16	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.950	0.1400	1.954	0.1797	0.1044	22	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0265	1.975	0.0100	1.954	0.1797	0.1044	22	0.12	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.984	0.0020	1.954	0.1797	0.1044	22	0.17	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.988	0.0010	1.954	0.1797	0.1044	22	0.19	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	2.022	0.0863	1.954	0.1797	0.1044	22	0.38	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	2342	2.060	0.0600	1.954	0.1797	0.1044	22	0.59	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	2.084	0.0210	1.954	0.1797	0.1044	22	0.72	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	2.120	0.0000	1.954	0.1797	0.1044	22	0.92	4%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.42	Phosphorus, ICP, Open vessel (%)	0186	2.123	0.0730	1.954	0.1797	0.1044	22	0.94	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	2.132	0.0430	1.954	0.1797	0.1044	22	0.99	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	2.135	0.3430	1.954	0.1797	0.1044	22	1.00	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	2.135	0.0300	1.954	0.1797	0.1044	22	1.01	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	2.185	0.2900	1.954	0.1797	0.1044	22	1.29	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0425	1.745	0.0700	1.941	0.0960	0.0528	24	-2.05	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	1.765	0.0700	1.941	0.0960	0.0528	24	-1.84	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.800	0.2600	1.941	0.0960	0.0528	24	-1.47	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.810	0.0600	1.941	0.0960	0.0528	24	-1.37	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.880	0.0000	1.941	0.0960	0.0528	24	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.895	0.0900	1.941	0.0960	0.0528	24	-0.48	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.900	0.0200	1.941	0.0960	0.0528	24	-0.43	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.905	0.0100	1.941	0.0960	0.0528	24	-0.38	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.911	0.0479	1.941	0.0960	0.0528	24	-0.31	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.920	0.0200	1.941	0.0960	0.0528	24	-0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.925	0.0140	1.941	0.0960	0.0528	24	-0.17	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	1.935	0.1300	1.941	0.0960	0.0528	24	-0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.960	0.0200	1.941	0.0960	0.0528	24	0.20	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.963	0.0380	1.941	0.0960	0.0528	24	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.963	0.0088	1.941	0.0960	0.0528	24	0.23	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.984	0.0130	1.941	0.0960	0.0528	24	0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.985	0.1500	1.941	0.0960	0.0528	24	0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	2.009	0.0510	1.941	0.0960	0.0528	24	0.70	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	2.010	0.0600	1.941	0.0960	0.0528	24	0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	2.010	0.0330	1.941	0.0960	0.0528	24	0.72	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	2.021	0.0110	1.941	0.0960	0.0528	24	0.83	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	2.055	0.0300	1.941	0.0960	0.0528	24	1.19	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	2.070	0.0200	1.941	0.0960	0.0528	24	1.34	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	2.112	0.0399	1.941	0.0960	0.0528	24	1.77	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	2.350	0.9000	1.941	0.0960	0.0528	24	4.26	11%	1
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.815	0.0300				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0723	1.930	0.0400				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0051	1.992	0.0091				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.845	0.0243				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.966	0.0330				3			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0560	2.029	0.2060				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0015	1.795	0.0900	2.021	0.2766	0.2001	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.920	0.0200	2.021	0.2766	0.2001	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0553	1.945	0.1500	2.021	0.2766	0.2001	4			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	2.424	0.5404	2.021	0.2766	0.2001	4			0
031.99	Phosphorus, Miscellaneous (%)	0676	1.780	0.0400	1.845	0.0627	0.0408	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	1.805	0.0500	1.845	0.0627	0.0408	5			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
031.99	Phosphorus, Miscellaneous (%)	2290	1.819	0.0138	1.845	0.0627	0.0408	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	1.890	0.1000	1.845	0.0627	0.0408	5			0
031.99	Phosphorus, Miscellaneous (%)	0889	1.930	0.0000	1.845	0.0627	0.0408	5			0
032.02	Potassium, Flame Emission (%)	2392	1.480	0.0400				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.8050	0.0100	1.544	0.1573	0.0265	7	-4.70	24%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.405	0.0100	1.544	0.1573	0.0265	7	-0.88	4%	0
032.31	Potassium, AAS, Dry ash (%)	0038	1.555	0.0300	1.544	0.1573	0.0265	7	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.579	0.0218	1.544	0.1573	0.0265	7	0.22	1%	0
032.31	Potassium, AAS, Dry ash (%)	0142	1.629	0.0337	1.544	0.1573	0.0265	7	0.54	3%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.630	0.0800	1.544	0.1573	0.0265	7	0.55	3%	0
032.31	Potassium, AAS, Dry ash (%)	0656	1.700	0.0000	1.544	0.1573	0.0265	7	0.99	5%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.285	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0674	1.400	0.0000	1.635	0.0716	0.0363	17	-3.28	7%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.530	0.0600	1.635	0.0716	0.0363	17	-1.47	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	1.575	0.0300	1.635	0.0716	0.0363	17	-0.84	2%	0
032.41	Potassium, ICP, Dry ash (%)	0354	1.596	0.0040	1.635	0.0716	0.0363	17	-0.55	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.600	0.0800	1.635	0.0716	0.0363	17	-0.49	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.610	0.0400	1.635	0.0716	0.0363	17	-0.35	1%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.615	0.0900	1.635	0.0716	0.0363	17	-0.28	1%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.630	0.0600	1.635	0.0716	0.0363	17	-0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0123	1.635	0.0300	1.635	0.0716	0.0363	17	0.00	0%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.640	0.0000	1.635	0.0716	0.0363	17	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.640	0.0600	1.635	0.0716	0.0363	17	0.07	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.645	0.0100	1.635	0.0716	0.0363	17	0.14	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	1.665	0.0300	1.635	0.0716	0.0363	17	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.685	0.0758	1.635	0.0716	0.0363	17	0.69	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.720	0.0000	1.635	0.0716	0.0363	17	1.18	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.937	0.0420	1.635	0.0716	0.0363	17	4.21	9%	0
032.41	Potassium, ICP, Dry ash (%)	0598	2.188	0.0050	1.635	0.0716	0.0363	17	7.71	17%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.760	0.3000	1.635	0.0716	0.0363	17	1.74	4%	1
032.42	Potassium, ICP, Open vessel (%)	2129	1.388	0.0920	1.628	0.1315	0.0409	21	-1.82	7%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.440	0.0200	1.628	0.1315	0.0409	21	-1.43	6%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.480	0.0400	1.628	0.1315	0.0409	21	-1.12	5%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.500	0.0200	1.628	0.1315	0.0409	21	-0.97	4%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.505	0.0300	1.628	0.1315	0.0409	21	-0.93	4%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.510	0.0200	1.628	0.1315	0.0409	21	-0.89	4%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.519	0.0630	1.628	0.1315	0.0409	21	-0.83	3%	0
032.42	Potassium, ICP, Open vessel (%)	0265	1.580	0.0400	1.628	0.1315	0.0409	21	-0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0035	1.635	0.0300	1.628	0.1315	0.0409	21	0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.665	0.0500	1.628	0.1315	0.0409	21	0.28	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.675	0.0100	1.628	0.1315	0.0409	21	0.36	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.686	0.0630	1.628	0.1315	0.0409	21	0.44	2%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
032.42	Potassium, ICP, Open vessel (%)	0357	1.688	0.0184	1.628	0.1315	0.0409	21	0.46	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.690	0.0400	1.628	0.1315	0.0409	21	0.47	2%	0
032.42	Potassium, ICP, Open vessel (%)	2342	1.700	0.0200	1.628	0.1315	0.0409	21	0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.707	0.0270	1.628	0.1315	0.0409	21	0.60	2%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.720	0.0000	1.628	0.1315	0.0409	21	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.720	0.1462	1.628	0.1315	0.0409	21	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.745	0.0100	1.628	0.1315	0.0409	21	0.89	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.761	0.0000	1.628	0.1315	0.0409	21	1.01	4%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.850	0.1200	1.628	0.1315	0.0409	21	1.69	7%	0
032.43	Potassium, ICP, Microwave (%)	0860	1.307	0.0000	1.584	0.1017	0.0257	24	-2.72	9%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.435	0.0030	1.584	0.1017	0.0257	24	-1.47	5%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.445	0.0900	1.584	0.1017	0.0257	24	-1.36	4%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.452	0.0110	1.584	0.1017	0.0257	24	-1.30	4%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.472	0.0290	1.584	0.1017	0.0257	24	-1.10	4%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.545	0.0300	1.584	0.1017	0.0257	24	-0.38	1%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.560	0.0200	1.584	0.1017	0.0257	24	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	1.560	0.0180	1.584	0.1017	0.0257	24	-0.23	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.565	0.0100	1.584	0.1017	0.0257	24	-0.18	1%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.570	0.0600	1.584	0.1017	0.0257	24	-0.13	0%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.575	0.0300	1.584	0.1017	0.0257	24	-0.09	0%	0
032.43	Potassium, ICP, Microwave (%)	0013	1.585	0.0500	1.584	0.1017	0.0257	24	0.01	0%	0
032.43	Potassium, ICP, Microwave (%)	0425	1.590	0.0000	1.584	0.1017	0.0257	24	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.590	0.0000	1.584	0.1017	0.0257	24	0.06	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.600	0.0200	1.584	0.1017	0.0257	24	0.16	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.604	0.0029	1.584	0.1017	0.0257	24	0.20	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.605	0.0100	1.584	0.1017	0.0257	24	0.21	1%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.630	0.1000	1.584	0.1017	0.0257	24	0.46	1%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.670	0.0523	1.584	0.1017	0.0257	24	0.85	3%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.680	0.0200	1.584	0.1017	0.0257	24	0.95	3%	0
032.43	Potassium, ICP, Microwave (%)	0964	1.689	0.0065	1.584	0.1017	0.0257	24	1.03	3%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.705	0.0100	1.584	0.1017	0.0257	24	1.19	4%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.717	0.0135	1.584	0.1017	0.0257	24	1.31	4%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.765	0.0300	1.584	0.1017	0.0257	24	1.78	6%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.790	0.4400	1.584	0.1017	0.0257	24	2.03	7%	1
032.44	Potassium, ICP, Dry ash (%)	0164	1.570	0.0200				2			0
032.44	Potassium, ICP, Dry ash (%)	0051	1.699	0.0293				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.508	0.0118	1.612	0.0992	0.0581	4			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.555	0.0700	1.612	0.0992	0.0581	4			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.659	0.0316	1.612	0.0992	0.0581	4			0
032.52	Potassium, ICP-MS, Open vessel (%)	0560	1.727	0.1189	1.612	0.0992	0.0581	4			0
032.53	Potassium, ICP-MS, Microwave (%)	0015	1.550	0.0400				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0553	1.620	0.0600				3			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.650	0.0200				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.978	0.2994				3			1
032.99	Potassium, Miscellaneous (%)	0242	1.470	0.0000	1.662	0.2126	0.0038	4			0
032.99	Potassium, Miscellaneous (%)	2302	1.510	0.0000	1.662	0.2126	0.0038	4			0
032.99	Potassium, Miscellaneous (%)	0001	1.743	0.0050	1.662	0.2126	0.0038	4			0
032.99	Potassium, Miscellaneous (%)	0889	1.925	0.0100	1.662	0.2126	0.0038	4			0
032.99	Potassium, Miscellaneous (%)	0100	1.565	0.0900	1.662	0.2126	0.0038	4			1
033.00	Salt as chloride, Sol Cl (%)	0693	0.0660	0.0660	0.1289	0.0310	0.0208	8	-2.03	24%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.0985	0.0330	0.1289	0.0310	0.0208	8	-0.98	12%	0
033.00	Salt as chloride, Sol Cl (%)	2190	0.1186	0.0030	0.1289	0.0310	0.0208	8	-0.33	4%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.1350	0.0300	0.1289	0.0310	0.0208	8	0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.1350	0.0100	0.1289	0.0310	0.0208	8	0.20	2%	0
033.00	Salt as chloride, Sol Cl (%)	2076	0.1470	0.0140	0.1289	0.0310	0.0208	8	0.58	7%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.1550	0.0100	0.1289	0.0310	0.0208	8	0.84	10%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.1600	0.0000	0.1289	0.0310	0.0208	8	1.00	12%	0
033.00	Salt as chloride, Sol Cl (%)	0309	< 0.1		0.1289	0.0310	0.0208	8			5
033.01	Salt as chloride, Poten Cl (%)	0083	0.0800	0.0000	0.1247	0.0325	0.0077	18	-1.38	18%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.0800	0.0000	0.1247	0.0325	0.0077	18	-1.38	18%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.1000	0.0200	0.1247	0.0325	0.0077	18	-0.76	10%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.1070	0.0100	0.1247	0.0325	0.0077	18	-0.54	7%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.1075	0.0050	0.1247	0.0325	0.0077	18	-0.53	7%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.1100	0.0000	0.1247	0.0325	0.0077	18	-0.45	6%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.1100	0.0200	0.1247	0.0325	0.0077	18	-0.45	6%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.1150	0.0100	0.1247	0.0325	0.0077	18	-0.30	4%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.1150	0.0000	0.1247	0.0325	0.0077	18	-0.30	4%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.1200	0.0000	0.1247	0.0325	0.0077	18	-0.14	2%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.1230	0.0140	0.1247	0.0325	0.0077	18	-0.05	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.1300	0.0200	0.1247	0.0325	0.0077	18	0.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.1300	0.0100	0.1247	0.0325	0.0077	18	0.16	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.1450	0.0100	0.1247	0.0325	0.0077	18	0.63	8%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.1600	0.0000	0.1247	0.0325	0.0077	18	1.09	14%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.1650	0.0100	0.1247	0.0325	0.0077	18	1.24	16%	0
033.01	Salt as chloride, Poten Cl (%)	0425	0.2250	0.0100	0.1247	0.0325	0.0077	18	3.09	40%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.4300	0.0000	0.1247	0.0325	0.0077	18	9.40	122%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.0000	0.0000	0.1247	0.0325	0.0077	18			4
033.03	Salt as chloride, Quantab (%)	0726	0.1300	0.0200				1			0
033.03	Salt as chloride, Quantab (%)	0265	< 0.12					1			5
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.0900	0.0000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.1250	0.0100				2			0
033.99	Salt, Miscellaneous (%)	2181	0.0600	0.0000				3			0
033.99	Salt, Miscellaneous (%)	0650	0.1050	0.0100				3			0
033.99	Salt, Miscellaneous (%)	0536	0.1600	0.0000				3			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
033.99	Salt, Miscellaneous (%)	0358	< 0.13					3			5
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.1290	0.0260	0.1727	0.0420	0.0414	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.1470	0.0940	0.1727	0.0420	0.0414	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.1950	0.0100	0.1727	0.0420	0.0414	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.2199	0.0357	0.1727	0.0420	0.0414	4			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.750	0.0000				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	0.6450	0.1260				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	7.080	0.0000				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.5550	0.0500				1			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.1825	0.0110	0.2504	0.0519	0.0289	6	**-1.31**	14%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0553	0.2230	0.0040	0.2504	0.0519	0.0289	6	**-0.53**	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.2400	0.0000	0.2504	0.0519	0.0289	6	**-0.20**	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0015	0.2600	0.0400	0.2504	0.0519	0.0289	6	**0.18**	2%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.2871	0.1083	0.2504	0.0519	0.0289	6	**0.71**	7%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0918	0.3100	0.0100	0.2504	0.0519	0.0289	6	**1.15**	12%	0
035.01	Sodium, Ion-selective electrode (%)	2109	0.0125	0.0030				1			0
035.31	Sodium, AAS, Dry ash (%)	0656	0.0100	0.0000				3			0
035.31	Sodium, AAS, Dry ash (%)	0722	0.0128	0.0026				3			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.0200	0.0000				3			0
035.31	Sodium, AAS, Dry ash (%)	0622	0.1795	0.0089				3			2
035.31	Sodium, AAS, Dry ash (%)	0563	< 0.025					3			5
035.32	Sodium, AAS, Open vessel (%)	0169	0.0250	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0164	0.0050	0.0000	0.0104	0.0042	0.0007	12	**-1.26**	26%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.0065	0.0010	0.0104	0.0042	0.0007	12	**-0.91**	19%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.0066	0.0009	0.0104	0.0042	0.0007	12	**-0.90**	18%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.0071	0.0004	0.0104	0.0042	0.0007	12	**-0.77**	16%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.0100	0.0000	0.0104	0.0042	0.0007	12	**-0.08**	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.0100	0.0000	0.0104	0.0042	0.0007	12	**-0.08**	2%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.0100	0.0000	0.0104	0.0042	0.0007	12	**-0.08**	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.0100	0.0000	0.0104	0.0042	0.0007	12	**-0.08**	2%	0
035.41	Sodium, ICP, Dry ash (%)	0123	0.0135	0.0030	0.0104	0.0042	0.0007	12	**0.74**	15%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.0140	0.0015	0.0104	0.0042	0.0007	12	**0.85**	17%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.0150	0.0020	0.0104	0.0042	0.0007	12	**1.09**	22%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.0590	0.0000	0.0104	0.0042	0.0007	12	**11.46**	235%	0
035.41	Sodium, ICP, Dry ash (%)	0413	< 0.02		0.0104	0.0042	0.0007	12			5
035.41	Sodium, ICP, Dry ash (%)	0358	< 0.05		0.0104	0.0042	0.0007	12			5
035.42	Sodium, ICP, Open vessel (%)	2319	0.0050	0.0000	0.0117	0.0074	0.0024	12	**-0.91**	29%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.0060	0.0000	0.0117	0.0074	0.0024	12	**-0.78**	24%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.0065	0.0010	0.0117	0.0074	0.0024	12	**-0.71**	22%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.0075	0.0001	0.0117	0.0074	0.0024	12	**-0.58**	18%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.0078	0.0003	0.0117	0.0074	0.0024	12	**-0.54**	17%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.0090	0.0018	0.0117	0.0074	0.0024	12	**-0.37**	12%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
035.42	Sodium, ICP, Open vessel (%)	0265	0.0100	0.0000	0.0117	0.0074	0.0024	12	-0.23	7%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.0110	0.0000	0.0117	0.0074	0.0024	12	-0.10	3%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.0125	0.0050	0.0117	0.0074	0.0024	12	0.11	3%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.0200	0.0000	0.0117	0.0074	0.0024	12	1.12	35%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.0250	0.0100	0.0117	0.0074	0.0024	12	1.80	57%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.0350	0.0100	0.0117	0.0074	0.0024	12	3.16	99%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.0250	0.0300	0.0117	0.0074	0.0024	12	1.80	57%	1
035.42	Sodium, ICP, Open vessel (%)	0294	0.0000	0.0000	0.0117	0.0074	0.0024	12			4
035.42	Sodium, ICP, Open vessel (%)	0042	< 0.003		0.0117	0.0074	0.0024	12			5
035.43	Sodium, ICP, Microwave (%)	0510	0.0035	0.0010	0.0084	0.0039	0.0020	13	-1.25	29%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.0047	0.0000	0.0084	0.0039	0.0020	13	-0.95	22%	0
035.43	Sodium, ICP, Microwave (%)	0723	0.0051	0.0001	0.0084	0.0039	0.0020	13	-0.86	20%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.0065	0.0010	0.0084	0.0039	0.0020	13	-0.49	11%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.0070	0.0000	0.0084	0.0039	0.0020	13	-0.36	8%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.0072	0.0006	0.0084	0.0039	0.0020	13	-0.31	7%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.0074	0.0014	0.0084	0.0039	0.0020	13	-0.26	6%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.0085	0.0010	0.0084	0.0039	0.0020	13	0.02	0%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.0088	0.0003	0.0084	0.0039	0.0020	13	0.08	2%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.0100	0.0000	0.0084	0.0039	0.0020	13	0.40	9%	0
035.43	Sodium, ICP, Microwave (%)	0964	0.0123	0.0121	0.0084	0.0039	0.0020	13	0.97	23%	0
035.43	Sodium, ICP, Microwave (%)	0425	0.0265	0.0070	0.0084	0.0039	0.0020	13	4.59	107%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.1295	0.0010	0.0084	0.0039	0.0020	13	30.73	719%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.0000	0.0000	0.0084	0.0039	0.0020	13			4
035.43	Sodium, ICP, Microwave (%)	2089	0.0100	0.0200	0.0084	0.0039	0.0020	13			4
035.43	Sodium, ICP, Microwave (%)	0682	< 0.01		0.0084	0.0039	0.0020	13			5
035.43	Sodium, ICP, Microwave (%)	0300	< 0.25		0.0084	0.0039	0.0020	13			5
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.0064	0.0003				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.0214	0.0007				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.0038	0.0017				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0553	0.0050	0.0002				2			0
035.99	Sodium, Miscellaneous (%)	0100	< 0.01					0			5
035.99	Sodium, Miscellaneous (%)	0242	< 0.01					0			5
036.04	Sulfur, LECO (%)	0226	0.1650	0.0100				2			0
036.04	Sulfur, LECO (%)	0148	0.1940	0.0040				2			0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.1350	0.0100	0.1590	0.0132	0.0067	18	-1.82	8%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.1369	0.0127	0.1590	0.0132	0.0067	18	-1.68	7%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.1452	0.0073	0.1590	0.0132	0.0067	18	-1.05	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.1495	0.0130	0.1590	0.0132	0.0067	18	-0.72	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0035	0.1500	0.0000	0.1590	0.0132	0.0067	18	-0.68	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.1510	0.0004	0.1590	0.0132	0.0067	18	-0.61	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.1550	0.0100	0.1590	0.0132	0.0067	18	-0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.1600	0.0000	0.1590	0.0132	0.0067	18	0.07	0%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
036.42	Sulfur, ICP, Open vessel (%)	0278	0.1600	0.0200	0.1590	0.0132	0.0067	18	0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.1600	0.0000	0.1590	0.0132	0.0067	18	0.07	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.1614	0.0010	0.1590	0.0132	0.0067	18	0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.1640	0.0140	0.1590	0.0132	0.0067	18	0.38	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0265	0.1650	0.0100	0.1590	0.0132	0.0067	18	0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.1670	0.0100	0.1590	0.0132	0.0067	18	0.60	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.1700	0.0000	0.1590	0.0132	0.0067	18	0.83	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.1715	0.0010	0.1590	0.0132	0.0067	18	0.94	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.1757	0.0016	0.1590	0.0132	0.0067	18	1.26	5%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.1850	0.0100	0.1590	0.0132	0.0067	18	1.96	8%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.1400	0.0400	0.1590	0.0132	0.0067	18	-1.44	6%	1
036.43	Sulfur, ICP, Microwave (%)	0682	0.0920	0.0000	0.1629	0.0125	0.0045	15	-5.69	22%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.1330	0.0040	0.1629	0.0125	0.0045	15	-2.40	9%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.1407	0.0024	0.1629	0.0125	0.0045	15	-1.78	7%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.1550	0.0100	0.1629	0.0125	0.0045	15	-0.63	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.1610	0.0000	0.1629	0.0125	0.0045	15	-0.15	1%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.1642	0.0084	0.1629	0.0125	0.0045	15	0.11	0%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.1650	0.0100	0.1629	0.0125	0.0045	15	0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.1650	0.0100	0.1629	0.0125	0.0045	15	0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.1680	0.0020	0.1629	0.0125	0.0045	15	0.41	2%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.1697	0.0001	0.1629	0.0125	0.0045	15	0.54	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.1700	0.0000	0.1629	0.0125	0.0045	15	0.57	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.1700	0.0000	0.1629	0.0125	0.0045	15	0.57	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.1729	0.0009	0.1629	0.0125	0.0045	15	0.80	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.1750	0.0100	0.1629	0.0125	0.0045	15	0.97	4%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.1750	0.0100	0.1629	0.0125	0.0045	15	0.97	4%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.1686	0.0015				1			0
036.53	Sulfur, ICP-MS, Microwave (%)	0015	0.1700	0.0000				2			0
036.53	Sulfur, ICP-MS, Microwave (%)	0553	0.1740	0.0040				2			0
036.99	Sulfur, Miscellaneous (%)	0242	0.1400	0.0000				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.1600	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	41.23	1.250	61.23	6.397	0.8345	9	-3.13	16%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	54.67	2.603	61.23	6.397	0.8345	9	-1.03	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	59.02	0.2900	61.23	6.397	0.8345	9	-0.35	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	61.04	1.980	61.23	6.397	0.8345	9	-0.03	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	62.52	0.0000	61.23	6.397	0.8345	9	0.20	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	63.15	0.5000	61.23	6.397	0.8345	9	0.30	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	63.20	0.2000	61.23	6.397	0.8345	9	0.31	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0656	64.99	0.0000	61.23	6.397	0.8345	9	0.59	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	73.76	0.6874	61.23	6.397	0.8345	9	1.96	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0722	49.48	5.732	61.23	6.397	0.8345	9	-1.84	10%	1
037.32	Zinc, AAS, Open vessel (ppm)	0038	81.40	1.800				1			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.33	Zinc, AAS, Microwave (ppm)	0010	60.00	0.0000				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0123	45.35	0.1000	62.89	4.157	2.216	17	-4.22	14%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	58.05	0.6900	62.89	4.157	2.216	17	-1.17	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	58.11	0.1400	62.89	4.157	2.216	17	-1.15	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	58.42	0.4400	62.89	4.157	2.216	17	-1.08	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	60.48	2.120	62.89	4.157	2.216	17	-0.58	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0208	61.22	0.8600	62.89	4.157	2.216	17	-0.40	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	61.92	0.1500	62.89	4.157	2.216	17	-0.23	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	62.60	1.000	62.89	4.157	2.216	17	-0.07	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	62.63	5.160	62.89	4.157	2.216	17	-0.06	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	64.01	11.07	62.89	4.157	2.216	17	0.27	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	64.62	0.0700	62.89	4.157	2.216	17	0.42	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	65.22	0.0000	62.89	4.157	2.216	17	0.56	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	65.50	9.000	62.89	4.157	2.216	17	0.63	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	66.73	0.2264	62.89	4.157	2.216	17	0.92	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	67.09	3.710	62.89	4.157	2.216	17	1.01	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	67.76	0.1600	62.89	4.157	2.216	17	1.17	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	68.14	2.777	62.89	4.157	2.216	17	1.26	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	71.50	15.00	62.89	4.157	2.216	17	2.07	7%	1
037.42	Zinc, ICP, Open vessel (ppm)	0294	55.04	0.2600	63.93	7.547	2.748	22	-1.18	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	55.50	1.000	63.93	7.547	2.748	22	-1.12	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	55.85	0.7200	63.93	7.547	2.748	22	-1.07	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	56.45	4.100	63.93	7.547	2.748	22	-0.99	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	56.50	3.000	63.93	7.547	2.748	22	-0.98	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	58.35	0.9000	63.93	7.547	2.748	22	-0.74	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	58.55	8.900	63.93	7.547	2.748	22	-0.71	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	59.20	1.700	63.93	7.547	2.748	22	-0.63	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0265	59.40	0.4000	63.93	7.547	2.748	22	-0.60	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	62.92	5.346	63.93	7.547	2.748	22	-0.13	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	64.00	2.000	63.93	7.547	2.748	22	0.01	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	64.06	7.728	63.93	7.547	2.748	22	0.02	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	2342	64.50	0.4000	63.93	7.547	2.748	22	0.08	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	65.86	0.2470	63.93	7.547	2.748	22	0.26	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	68.30	3.400	63.93	7.547	2.748	22	0.58	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	69.03	0.7500	63.93	7.547	2.748	22	0.67	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	69.05	1.900	63.93	7.547	2.748	22	0.68	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	69.50	5.000	63.93	7.547	2.748	22	0.74	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	70.00	1.800	63.93	7.547	2.748	22	0.80	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0035	74.50	3.000	63.93	7.547	2.748	22	1.40	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	74.72	0.7100	63.93	7.547	2.748	22	1.43	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	83.80	7.200	63.93	7.547	2.748	22	2.63	16%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	160.0	0.6800	63.93	7.547	2.748	22	12.73	75%	2

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
037.43	Zinc, ICP, Microwave (ppm)	0017	44.82	5.993	63.08	6.741	2.280	27	-2.71	14%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	53.00	0.0000	63.08	6.741	2.280	27	-1.49	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	53.24	0.7460	63.08	6.741	2.280	27	-1.46	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0425	54.96	5.070	63.08	6.741	2.280	27	-1.20	6%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	56.75	2.700	63.08	6.741	2.280	27	-0.94	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	58.40	0.5000	63.08	6.741	2.280	27	-0.69	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	59.50	3.000	63.08	6.741	2.280	27	-0.53	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	60.00	0.0000	63.08	6.741	2.280	27	-0.46	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	60.00	0.0000	63.08	6.741	2.280	27	-0.46	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	60.38	0.0000	63.08	6.741	2.280	27	-0.40	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	61.58	0.7100	63.08	6.741	2.280	27	-0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0013	61.90	3.400	63.08	6.741	2.280	27	-0.17	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	63.29	5.470	63.08	6.741	2.280	27	0.03	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0300	63.41	0.4800	63.08	6.741	2.280	27	0.05	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	63.90	3.000	63.08	6.741	2.280	27	0.12	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	64.00	2.600	63.08	6.741	2.280	27	0.14	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	65.10	0.4000	63.08	6.741	2.280	27	0.30	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	65.40	0.8000	63.08	6.741	2.280	27	0.34	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	65.87	2.210	63.08	6.741	2.280	27	0.41	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	66.02	0.5600	63.08	6.741	2.280	27	0.44	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	67.50	1.000	63.08	6.741	2.280	27	0.66	4%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	67.82	6.800	63.08	6.741	2.280	27	0.70	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0723	68.78	0.2780	63.08	6.741	2.280	27	0.85	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	71.12	2.423	63.08	6.741	2.280	27	1.19	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	71.82	8.420	63.08	6.741	2.280	27	1.30	7%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	75.60	3.000	63.08	6.741	2.280	27	1.86	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	82.00	2.000	63.08	6.741	2.280	27	2.81	15%	0
037.44	Zinc, ICP, Dry ash (ppm)	0051	58.41	0.9600				2			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	61.50	5.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0560	58.04	1.600				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	63.50	1.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	71.40	1.800				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0015	58.49	0.5800	62.07	3.318	1.130	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	60.82	1.600	62.07	3.318	1.130	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	62.64	1.840	62.07	3.318	1.130	4			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0553	66.35	0.5000	62.07	3.318	1.130	4			0
037.99	Zinc, Miscellaneous (ppm)	0242	48.00	4.000	67.27	15.96	1.963	4			0
037.99	Zinc, Miscellaneous (ppm)	0100	63.00	2.000	67.27	15.96	1.963	4			0
037.99	Zinc, Miscellaneous (ppm)	0889	72.10	1.850	67.27	15.96	1.963	4			0
037.99	Zinc, Miscellaneous (ppm)	2302	86.00	0.0000	67.27	15.96	1.963	4			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.6845	0.0263				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0171	0.7715	0.0010				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			
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.035	0.0500				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.8700	0.1000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	0.9200	0.3600				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	0.9265	0.1550				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0265	1.760	0.2600				3			2
038.43	Molybdenum, ICP, Microwave (ppm)	0083	0.6000	0.0000	0.9631	0.2793	0.0844	7	**-1.30**	19%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0345	0.8585	0.0130	0.9631	0.2793	0.0844	7	**-0.37**	5%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.8811	0.0381	0.9631	0.2793	0.0844	7	**-0.29**	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	0.9000	0.2000	0.9631	0.2793	0.0844	7	**-0.23**	3%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	0.9700	0.2000	0.9631	0.2793	0.0844	7	**0.02**	0%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.150	0.1000	0.9631	0.2793	0.0844	7	**0.67**	10%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.460	0.0400	0.9631	0.2793	0.0844	7	**1.78**	26%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.9500	0.0200				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	0.8390	0.0140	0.9410	0.1256	0.0435	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0015	0.8600	0.0400	0.9410	0.1256	0.0435	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0553	0.9500	0.0700	0.9410	0.1256	0.0435	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0918	1.115	0.0500	0.9410	0.1256	0.0435	4			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.6581	0.2915	0.9410	0.1256	0.0435	4			1
040.52	Barium, ICP-MS, Open vessel (ppm)	0560	11.86	0.2900				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0015	10.53	0.1100				3			0
040.53	Barium, ICP-MS, Microwave (ppm)	0918	12.28	0.4800				3			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	12.89	0.6729				3			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0553	0.0164	0.0023				2			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.1458	0.0350				2			0
042.00	Chloride, Titrimetric (%)	0226	0.0500	0.0000				2			0
042.00	Chloride, Titrimetric (%)	0948	0.0850	0.0100				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.1700	0.0200				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,860	40.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	317.0	30.00				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	34.50	1.400				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	3.260	0.1400				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	23.30	0.8000				1			0
106.00	Vitamin A, Color (KU / kg)	0227	< 0.6					0			5
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0			5
107.00	Vitamin B12, Microbiological (ppb)	0227	< 4.4					0			5
108.02	Vitamin D3, LC (KU / kg)	0227	< 0.04					0			5
109.02	Vitamin E, LC (IU / kg)	0563	40.25	1.667				2			0
109.02	Vitamin E, LC (IU / kg)	0227	60.25	1.300				2			0
109.02	Vitamin E, LC (IU / kg)	0098	< 40					2			5
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
112.01	Pyridoxine, LC (µg / g)	0227	8.860	0.0800				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.095	0.0700				1			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
114.01	Biotin, Microbiological (ppm)	0227	0.2995	0.0290				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease method (%)	0098	0.2750	0.0100				1			0
118.99	Peroxide value, Miscellaneous (meq/kg)	0853	0.4000	0.2000				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7250	0.0300	0.7937	0.0209	0.0158	15	-3.29	4%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	0.7700	0.0000	0.7937	0.0209	0.0158	15	-1.13	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.7750	0.0300	0.7937	0.0209	0.0158	15	-0.90	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0870	0.7779	0.0421	0.7937	0.0209	0.0158	15	-0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7850	0.0040	0.7937	0.0209	0.0158	15	-0.42	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7900	0.0400	0.7937	0.0209	0.0158	15	-0.18	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7935	0.0030	0.7937	0.0209	0.0158	15	-0.01	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	0.7950	0.0300	0.7937	0.0209	0.0158	15	0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7950	0.0300	0.7937	0.0209	0.0158	15	0.06	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2339	0.7970	0.0040	0.7937	0.0209	0.0158	15	0.16	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7995	0.0130	0.7937	0.0209	0.0158	15	0.28	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.8000	0.0000	0.7937	0.0209	0.0158	15	0.30	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.8153	0.0023	0.7937	0.0209	0.0158	15	1.03	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.8320	0.0000	0.7937	0.0209	0.0158	15	1.83	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.8470	0.0080	0.7937	0.0209	0.0158	15	2.55	3%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0918	0.7475	0.0970	0.7937	0.0209	0.0158	15	-2.21	3%	1
120.02	Alanine, Post-col OPA Der (%)	0098	0.8170	0.0060				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6495	0.0050	0.7750	0.0389	0.0132	9	-3.23	8%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.7330	0.0000	0.7750	0.0389	0.0132	9	-1.08	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.7600	0.0000	0.7750	0.0389	0.0132	9	-0.38	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.7750	0.0100	0.7750	0.0389	0.0132	9	0.00	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7760	0.0000	0.7750	0.0389	0.0132	9	0.03	0%	0
120.05	Alanine, Pre-col AQC Der (%)	2193	0.7900	0.0000	0.7750	0.0389	0.0132	9	0.39	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7910	0.0640	0.7750	0.0389	0.0132	9	0.41	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8100	0.0400	0.7750	0.0389	0.0132	9	0.90	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.8230	0.0000	0.7750	0.0389	0.0132	9	1.24	3%	0
120.99	Alanine, Miscellaneous (%)	0227	0.8000	0.0200				2			0
120.99	Alanine, Miscellaneous (%)	0889	0.8050	0.0100				2			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	1.050	0.0000	1.102	0.0228	0.0247	16	-2.27	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.065	0.0300	1.102	0.0228	0.0247	16	-1.61	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.075	0.0100	1.102	0.0228	0.0247	16	-1.18	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.085	0.0300	1.102	0.0228	0.0247	16	-0.74	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0870	1.096	0.0511	1.102	0.0228	0.0247	16	-0.23	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.100	0.0000	1.102	0.0228	0.0247	16	-0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.100	0.0400	1.102	0.0228	0.0247	16	-0.08	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0918	1.101	0.0590	1.102	0.0228	0.0247	16	-0.06	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.102	0.0050	1.102	0.0228	0.0247	16	-0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.107	0.0852	1.102	0.0228	0.0247	16	0.25	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.112	0.0030	1.102	0.0228	0.0247	16	0.43	0%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
121.00	Arginine, Post-col Ninhydrin Der (%)	2339	1.114	0.0080	1.102	0.0228	0.0247	16	0.54	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.120	0.0320	1.102	0.0228	0.0247	16	0.80	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.121	0.0000	1.102	0.0228	0.0247	16	0.84	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.125	0.0300	1.102	0.0228	0.0247	16	1.02	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.156	0.0120	1.102	0.0228	0.0247	16	2.38	2%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.088	0.0250				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	0.8920	0.0020	1.068	0.0686	0.0143	8	-2.56	8%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.012	0.0000	1.068	0.0686	0.0143	8	-0.81	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2193	1.046	0.0000	1.068	0.0686	0.0143	8	-0.31	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.075	0.0100	1.068	0.0686	0.0143	8	0.11	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.077	0.0000	1.068	0.0686	0.0143	8	0.14	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.091	0.0120	1.068	0.0686	0.0143	8	0.34	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.115	0.0100	1.068	0.0686	0.0143	8	0.69	2%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.160	0.0800	1.068	0.0686	0.0143	8	1.35	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.120	0.1400	1.068	0.0686	0.0143	8	0.76	2%	1
121.99	Arginine, Miscellaneous (%)	0227	1.055	0.0300				2			0
121.99	Arginine, Miscellaneous (%)	0889	1.280	0.0200				2			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0918	1.150	0.0900	1.176	0.0220	0.0272	16	-1.20	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.155	0.0700	1.176	0.0220	0.0272	16	-0.97	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.160	0.0400	1.176	0.0220	0.0272	16	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	1.160	0.0000	1.176	0.0220	0.0272	16	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.160	0.0200	1.176	0.0220	0.0272	16	-0.74	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.164	0.0120	1.176	0.0220	0.0272	16	-0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.165	0.0100	1.176	0.0220	0.0272	16	-0.51	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2339	1.172	0.0090	1.176	0.0220	0.0272	16	-0.22	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.175	0.0205	1.176	0.0220	0.0272	16	-0.06	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.179	0.0220	1.176	0.0220	0.0272	16	0.12	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.180	0.0200	1.176	0.0220	0.0272	16	0.17	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.183	0.0000	1.176	0.0220	0.0272	16	0.30	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.197	0.0030	1.176	0.0220	0.0272	16	0.92	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.204	0.0130	1.176	0.0220	0.0272	16	1.24	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.210	0.0600	1.176	0.0220	0.0272	16	1.53	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0870	1.214	0.0458	1.176	0.0220	0.0272	16	1.73	2%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.226	0.0070				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	0.8855	0.0250	1.152	0.0750	0.0183	9	-3.55	12%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.067	0.0000	1.152	0.0750	0.0183	9	-1.13	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.120	0.0000	1.152	0.0750	0.0183	9	-0.43	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.150	0.0000	1.152	0.0750	0.0183	9	-0.03	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.160	0.0800	1.152	0.0750	0.0183	9	0.11	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.190	0.0000	1.152	0.0750	0.0183	9	0.51	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.195	0.0100	1.152	0.0750	0.0183	9	0.57	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.205	0.0500	1.152	0.0750	0.0183	9	0.71	2%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
122.05	Aspartic, Pre-col AQC Der (%)	2193	1.241	0.0000	1.152	0.0750	0.0183	9	1.19	4%	0
122.99	Aspartic, Miscellaneous (%)	0227	1.175	0.0100				2			0
122.99	Aspartic, Miscellaneous (%)	0889	1.665	0.0100				2			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.2505	0.0010	0.2859	0.0195	0.0092	15	-1.81	6%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.2550	0.0100	0.2859	0.0195	0.0092	15	-1.58	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.2700	0.0200	0.2859	0.0195	0.0092	15	-0.81	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.2739	0.0047	0.2859	0.0195	0.0092	15	-0.62	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0918	0.2750	0.0500	0.2859	0.0195	0.0092	15	-0.56	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2339	0.2820	0.0040	0.2859	0.0195	0.0092	15	-0.20	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2830	0.0020	0.2859	0.0195	0.0092	15	-0.15	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.2850	0.0100	0.2859	0.0195	0.0092	15	-0.05	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.2950	0.0020	0.2859	0.0195	0.0092	15	0.47	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0870	0.2953	0.0018	0.2859	0.0195	0.0092	15	0.48	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.2960	0.0020	0.2859	0.0195	0.0092	15	0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3000	0.0000	0.2859	0.0195	0.0092	15	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3000	0.0200	0.2859	0.0195	0.0092	15	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3050	0.0100	0.2859	0.0195	0.0092	15	0.98	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0682	0.3430	0.0000	0.2859	0.0195	0.0092	15	2.92	10%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0723	1,487	2,973	0.2859	0.0195	0.0092	15	76141.61	259939%	2
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3020	0.0000				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2185	0.0050	0.2802	0.0463	0.0013	8	-1.33	11%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2400	0.0000	0.2802	0.0463	0.0013	8	-0.87	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2700	0.0000	0.2802	0.0463	0.0013	8	-0.22	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2732	0.0051	0.2802	0.0463	0.0013	8	-0.15	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.2800	0.0000	0.2802	0.0463	0.0013	8	0.00	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3000	0.0000	0.2802	0.0463	0.0013	8	0.43	4%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0676	0.3100	0.0000	0.2802	0.0463	0.0013	8	0.64	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2193	0.3990	0.0000	0.2802	0.0463	0.0013	8	2.57	21%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2400	0.0000				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3200	0.0000				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0918	1.719	0.0700	1.841	0.0706	0.0258	16	-1.73	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	1.760	0.0400	1.841	0.0706	0.0258	16	-1.15	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	1.780	0.0400	1.841	0.0706	0.0258	16	-0.87	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	1.790	0.0000	1.841	0.0706	0.0258	16	-0.73	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	1.795	0.0500	1.841	0.0706	0.0258	16	-0.66	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	1.817	0.0120	1.841	0.0706	0.0258	16	-0.35	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	1.820	0.0200	1.841	0.0706	0.0258	16	-0.30	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	1.835	0.0100	1.841	0.0706	0.0258	16	-0.09	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	1.837	0.0550	1.841	0.0706	0.0258	16	-0.07	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2339	1.849	0.0030	1.841	0.0706	0.0258	16	0.10	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	1.855	0.0300	1.841	0.0706	0.0258	16	0.19	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	1.891	0.0010	1.841	0.0706	0.0258	16	0.70	1%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
125.00	Glutamic, Post-col Ninhydrin Der (%)	0870	1.920	0.0549	1.841	0.0706	0.0258	16	1.11	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	1.922	0.0160	1.841	0.0706	0.0258	16	1.14	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	1.922	0.0000	1.841	0.0706	0.0258	16	1.14	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	1.935	0.0113	1.841	0.0706	0.0258	16	1.33	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	1.823	0.0170				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	1.506	0.0070	1.747	0.1203	0.0091	8	-2.00	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	1.601	0.0000	1.747	0.1203	0.0091	8	-1.21	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	1.735	0.0100	1.747	0.1203	0.0091	8	-0.10	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2193	1.790	0.0000	1.747	0.1203	0.0091	8	0.36	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	1.799	0.0000	1.747	0.1203	0.0091	8	0.44	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	1.811	0.0160	1.747	0.1203	0.0091	8	0.54	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	1.820	0.0200	1.747	0.1203	0.0091	8	0.61	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	1.850	0.0200	1.747	0.1203	0.0091	8	0.86	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	2.155	0.2100	1.747	0.1203	0.0091	8	3.40	12%	1
125.99	Glutamic, Miscellaneous (%)	0227	1.800	0.0000				2			0
125.99	Glutamic, Miscellaneous (%)	0889	2.230	0.0800				2			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	0.6900	0.0000	0.7177	0.0216	0.0138	16	-1.28	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.6950	0.0100	0.7177	0.0216	0.0138	16	-1.05	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0918	0.6955	0.0490	0.7177	0.0216	0.0138	16	-1.03	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7000	0.0200	0.7177	0.0216	0.0138	16	-0.82	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.7050	0.0300	0.7177	0.0216	0.0138	16	-0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2339	0.7085	0.0010	0.7177	0.0216	0.0138	16	-0.43	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7100	0.0200	0.7177	0.0216	0.0138	16	-0.36	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7150	0.0300	0.7177	0.0216	0.0138	16	-0.12	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7190	0.0000	0.7177	0.0216	0.0138	16	0.06	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7200	0.0080	0.7177	0.0216	0.0138	16	0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7245	0.0050	0.7177	0.0216	0.0138	16	0.32	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7250	0.0100	0.7177	0.0216	0.0138	16	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0870	0.7335	0.0259	0.7177	0.0216	0.0138	16	0.73	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7418	0.0022	0.7177	0.0216	0.0138	16	1.12	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7520	0.0000	0.7177	0.0216	0.0138	16	1.59	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7650	0.0100	0.7177	0.0216	0.0138	16	2.19	3%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.7505	0.0150				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.5925	0.0030	0.7140	0.0307	0.0076	8	-3.96	9%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.6880	0.0000	0.7140	0.0307	0.0076	8	-0.85	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7100	0.0000	0.7140	0.0307	0.0076	8	-0.13	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2193	0.7130	0.0000	0.7140	0.0307	0.0076	8	-0.03	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.7200	0.0200	0.7140	0.0307	0.0076	8	0.20	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7240	0.0000	0.7140	0.0307	0.0076	8	0.33	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.7290	0.0080	0.7140	0.0307	0.0076	8	0.49	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.8350	0.0300	0.7140	0.0307	0.0076	8	3.94	8%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7410	0.0880	0.7140	0.0307	0.0076	8	0.88	2%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
126.99	Glycine, Miscellaneous (%)	0889	0.3900	0.0000				2			0
126.99	Glycine, Miscellaneous (%)	0227	0.7200	0.0200				2			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	0.3200	0.0000	0.3758	0.0289	0.0092	16	-1.93	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0870	0.3262	0.0097	0.3758	0.0289	0.0092	16	-1.72	7%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3550	0.0100	0.3758	0.0289	0.0092	16	-0.72	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3566	0.0056	0.3758	0.0289	0.0092	16	-0.66	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.3650	0.0100	0.3758	0.0289	0.0092	16	-0.37	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0918	0.3720	0.0360	0.3758	0.0289	0.0092	16	-0.13	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.3740	0.0020	0.3758	0.0289	0.0092	16	-0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3745	0.0070	0.3758	0.0289	0.0092	16	-0.04	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.3750	0.0100	0.3758	0.0289	0.0092	16	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.3750	0.0100	0.3758	0.0289	0.0092	16	-0.03	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3755	0.0010	0.3758	0.0289	0.0092	16	-0.01	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2339	0.3835	0.0010	0.3758	0.0289	0.0092	16	0.27	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4025	0.0050	0.3758	0.0289	0.0092	16	0.92	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.4050	0.0300	0.3758	0.0289	0.0092	16	1.01	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4150	0.0100	0.3758	0.0289	0.0092	16	1.36	5%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4230	0.0000	0.3758	0.0289	0.0092	16	1.63	6%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3670	0.0060				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.2740	0.0200	0.3614	0.0370	0.0056	8	-2.36	12%	0
127.05	Histidine, Pre-col AQC Der (%)	2193	0.3280	0.0000	0.3614	0.0370	0.0056	8	-0.90	5%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.3570	0.0000	0.3614	0.0370	0.0056	8	-0.12	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.3600	0.0000	0.3614	0.0370	0.0056	8	-0.04	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3650	0.0100	0.3614	0.0370	0.0056	8	0.10	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3815	0.0050	0.3614	0.0370	0.0056	8	0.54	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3850	0.0100	0.3614	0.0370	0.0056	8	0.64	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.4090	0.0000	0.3614	0.0370	0.0056	8	1.29	7%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4160	0.0940	0.3614	0.0370	0.0056	8	1.47	8%	1
127.99	Histidine, Miscellaneous (%)	0227	0.3800	0.0400				2			0
127.99	Histidine, Miscellaneous (%)	0889	0.3900	0.0000				2			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.3700	0.0000	0.4423	0.0295	0.0121	16	-2.45	8%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	0.3900	0.0000	0.4423	0.0295	0.0121	16	-1.77	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4085	0.0010	0.4423	0.0295	0.0121	16	-1.15	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4200	0.0200	0.4423	0.0295	0.0121	16	-0.76	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.4350	0.0300	0.4423	0.0295	0.0121	16	-0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4390	0.0000	0.4423	0.0295	0.0121	16	-0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.4425	0.0056	0.4423	0.0295	0.0121	16	0.01	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.4450	0.0100	0.4423	0.0295	0.0121	16	0.09	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0918	0.4455	0.0230	0.4423	0.0295	0.0121	16	0.11	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.4495	0.0010	0.4423	0.0295	0.0121	16	0.25	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2339	0.4535	0.0010	0.4423	0.0295	0.0121	16	0.38	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4550	0.0300	0.4423	0.0295	0.0121	16	0.43	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			
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0870	0.4568	0.0160	0.4423	0.0295	0.0121	16	0.49	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.4570	0.0100	0.4423	0.0295	0.0121	16	0.50	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4980	0.0060	0.4423	0.0295	0.0121	16	1.89	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5000	0.0400	0.4423	0.0295	0.0121	16	1.96	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4360	0.0060				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.3800	0.0000	0.4594	0.0593	0.0029	8	-1.34	9%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.3900	0.0000	0.4594	0.0593	0.0029	8	-1.17	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4510	0.0000	0.4594	0.0593	0.0029	8	-0.14	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.4550	0.0100	0.4594	0.0593	0.0029	8	-0.07	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.4725	0.0030	0.4594	0.0593	0.0029	8	0.22	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2193	0.5000	0.0000	0.4594	0.0593	0.0029	8	0.68	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5020	0.0000	0.4594	0.0593	0.0029	8	0.72	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.5250	0.0100	0.4594	0.0593	0.0029	8	1.11	7%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.4650	0.0760	0.4594	0.0593	0.0029	8	0.09	1%	1
128.99	Isoleucine, Miscellaneous (%)	0227	0.4550	0.0100				2			0
128.99	Isoleucine, Miscellaneous (%)	0889	0.5850	0.0100				2			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	0.8300	0.0000	0.8925	0.0382	0.0116	15	-1.64	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	0.8500	0.0200	0.8925	0.0382	0.0116	15	-1.11	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	0.8500	0.0400	0.8925	0.0382	0.0116	15	-1.11	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	0.8700	0.0200	0.8925	0.0382	0.0116	15	-0.59	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	0.8750	0.0300	0.8925	0.0382	0.0116	15	-0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	0.8850	0.0100	0.8925	0.0382	0.0116	15	-0.20	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2339	0.8920	0.0020	0.8925	0.0382	0.0116	15	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	0.8925	0.0010	0.8925	0.0382	0.0116	15	0.00	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	0.8950	0.0020	0.8925	0.0382	0.0116	15	0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	0.8996	0.0212	0.8925	0.0382	0.0116	15	0.19	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	0.9045	0.0110	0.8925	0.0382	0.0116	15	0.31	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	0.9200	0.0000	0.8925	0.0382	0.0116	15	0.72	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0870	0.9208	0.0053	0.8925	0.0382	0.0116	15	0.74	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	0.9480	0.0120	0.8925	0.0382	0.0116	15	1.45	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	0.9590	0.0000	0.8925	0.0382	0.0116	15	1.74	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0918	0.8735	0.1230	0.8925	0.0382	0.0116	15	-0.50	1%	1
129.02	Leucine, Post-col OPA Der (%)	0098	0.8920	0.0160				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.7125	0.0030	0.8704	0.0558	0.0030	8	-2.83	9%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.8130	0.0000	0.8704	0.0558	0.0030	8	-1.03	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	0.8500	0.0000	0.8704	0.0558	0.0030	8	-0.37	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	0.8770	0.0000	0.8704	0.0558	0.0030	8	0.12	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	0.9000	0.0000	0.8704	0.0558	0.0030	8	0.53	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2193	0.9070	0.0000	0.8704	0.0558	0.0030	8	0.66	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	0.9100	0.0200	0.8704	0.0558	0.0030	8	0.71	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	0.9195	0.0010	0.8704	0.0558	0.0030	8	0.88	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	0.8990	0.0780	0.8704	0.0558	0.0030	8	0.51	2%	1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
129.99	Leucine, Miscellaneous (%)	0889	0.4100	0.0200				2			0
129.99	Leucine, Miscellaneous (%)	0227	0.9000	0.0000				2			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	0.5500	0.0000	0.6353	0.0291	0.0078	15	-2.93	7%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.5850	0.0100	0.6353	0.0291	0.0078	15	-1.73	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0870	0.6132	0.0184	0.6353	0.0291	0.0078	15	-0.76	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.6150	0.0300	0.6353	0.0291	0.0078	15	-0.70	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2339	0.6245	0.0010	0.6353	0.0291	0.0078	15	-0.37	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.6250	0.0100	0.6353	0.0291	0.0078	15	-0.35	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.6350	0.0100	0.6353	0.0291	0.0078	15	-0.01	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6394	0.0033	0.6353	0.0291	0.0078	15	0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.6410	0.0120	0.6353	0.0291	0.0078	15	0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.6450	0.0100	0.6353	0.0291	0.0078	15	0.33	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6490	0.0000	0.6353	0.0291	0.0078	15	0.47	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.6520	0.0020	0.6353	0.0291	0.0078	15	0.57	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6560	0.0100	0.6353	0.0291	0.0078	15	0.71	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.6720	0.0000	0.6353	0.0291	0.0078	15	1.26	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.6800	0.0000	0.6353	0.0291	0.0078	15	1.54	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.6865	0.0070				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.4905	0.0090	0.6137	0.0488	0.0033	8	-2.52	10%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.5675	0.0010	0.6137	0.0488	0.0033	8	-0.95	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2193	0.5900	0.0000	0.6137	0.0488	0.0033	8	-0.49	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.6200	0.0000	0.6137	0.0488	0.0033	8	0.13	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.6390	0.0000	0.6137	0.0488	0.0033	8	0.52	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.6440	0.0060	0.6137	0.0488	0.0033	8	0.62	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6540	0.0000	0.6137	0.0488	0.0033	8	0.82	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.6550	0.0100	0.6137	0.0488	0.0033	8	0.84	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0676	0.6300	0.0400	0.6137	0.0488	0.0033	8	0.33	1%	1
130.99	L-Lysine, Miscellaneous (%)	0227	0.7200	0.0200				2			0
130.99	L-Lysine, Miscellaneous (%)	0889	1.240	0.0000				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0918	0.2150	0.0100	0.2644	0.0278	0.0072	15	-1.78	9%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2274	0.0002	0.2644	0.0278	0.0072	15	-1.33	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.2415	0.0030	0.2644	0.0278	0.0072	15	-0.82	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.2450	0.0100	0.2644	0.0278	0.0072	15	-0.70	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2500	0.0080	0.2644	0.0278	0.0072	15	-0.52	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2339	0.2575	0.0010	0.2644	0.0278	0.0072	15	-0.25	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2590	0.0040	0.2644	0.0278	0.0072	15	-0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2650	0.0100	0.2644	0.0278	0.0072	15	0.02	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2700	0.0200	0.2644	0.0278	0.0072	15	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2700	0.0200	0.2644	0.0278	0.0072	15	0.20	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2770	0.0060	0.2644	0.0278	0.0072	15	0.45	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.2876	0.0024	0.2644	0.0278	0.0072	15	0.83	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2950	0.0100	0.2644	0.0278	0.0072	15	1.10	6%	0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

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			
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2970	0.0000	0.2644	0.0278	0.0072	15	1.17	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0870	0.3015	0.0037	0.2644	0.0278	0.0072	15	1.33	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.3000	0.0400	0.2644	0.0278	0.0072	15	1.28	7%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2675	0.0130				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2265	0.0017	0.2651	0.0348	0.0020	8	-1.11	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2360	0.0040	0.2651	0.0348	0.0020	8	-0.84	5%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2500	0.0000	0.2651	0.0348	0.0020	8	-0.43	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2550	0.0100	0.2651	0.0348	0.0020	8	-0.29	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0676	0.2600	0.0000	0.2651	0.0348	0.0020	8	-0.15	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2193	0.2800	0.0000	0.2651	0.0348	0.0020	8	0.43	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2960	0.0000	0.2651	0.0348	0.0020	8	0.89	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.3940	0.0000	0.2651	0.0348	0.0020	8	3.70	24%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2290	0.0380	0.2651	0.0348	0.0020	8	-1.04	7%	1
131.99	Methionine, Miscellaneous (%)	0227	0.2800	0.0000				2			0
131.99	Methionine, Miscellaneous (%)	0889	0.5000	0.0000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	0.4900	0.0000	0.5635	0.0270	0.0080	15	-2.72	7%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0870	0.5071	0.0351	0.5635	0.0270	0.0080	15	-2.09	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0100	0.5635	0.0270	0.0080	15	-0.68	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.5485	0.0030	0.5635	0.0270	0.0080	15	-0.55	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.5500	0.0200	0.5635	0.0270	0.0080	15	-0.50	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.5550	0.0100	0.5635	0.0270	0.0080	15	-0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.5600	0.0000	0.5635	0.0270	0.0080	15	-0.13	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.5610	0.0043	0.5635	0.0270	0.0080	15	-0.09	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.5720	0.0000	0.5635	0.0270	0.0080	15	0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2339	0.5725	0.0010	0.5635	0.0270	0.0080	15	0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.5750	0.0100	0.5635	0.0270	0.0080	15	0.43	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.5760	0.0080	0.5635	0.0270	0.0080	15	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.5950	0.0100	0.5635	0.0270	0.0080	15	1.17	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.5975	0.0030	0.5635	0.0270	0.0080	15	1.26	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.5985	0.0050	0.5635	0.0270	0.0080	15	1.30	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0918	0.7790	0.1140	0.5635	0.0270	0.0080	15	7.98	19%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.5580	0.0080				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.4540	0.0040	0.5569	0.0476	0.0031	8	-2.16	9%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.5200	0.0000	0.5569	0.0476	0.0031	8	-0.78	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5480	0.0000	0.5569	0.0476	0.0031	8	-0.19	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.5545	0.0010	0.5569	0.0476	0.0031	8	-0.05	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.5600	0.0000	0.5569	0.0476	0.0031	8	0.06	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2193	0.5740	0.0000	0.5569	0.0476	0.0031	8	0.36	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.5850	0.0100	0.5569	0.0476	0.0031	8	0.59	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.6550	0.0100	0.5569	0.0476	0.0031	8	2.06	9%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.6165	0.1130	0.5569	0.0476	0.0031	8	1.25	5%	1
132.99	Phenylalanine, Miscellaneous (%)	0889	0.4900	0.0000				2			0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
132.99	Phenylalanine, Miscellaneous (%)	0227	0.5650	0.0100				2			0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.4915	0.0070	0.5548	0.0402	0.0121	15	-1.58	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.5100	0.0000	0.5548	0.0402	0.0121	15	-1.12	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0723	0.5100	0.0000	0.5548	0.0402	0.0121	15	-1.12	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.5350	0.0300	0.5548	0.0402	0.0121	15	-0.49	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0870	0.5388	0.0132	0.5548	0.0402	0.0121	15	-0.40	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.5400	0.0400	0.5548	0.0402	0.0121	15	-0.37	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2339	0.5530	0.0100	0.5548	0.0402	0.0121	15	-0.05	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.5535	0.0150	0.5548	0.0402	0.0121	15	-0.03	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	0.5600	0.0000	0.5548	0.0402	0.0121	15	0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.5615	0.0030	0.5548	0.0402	0.0121	15	0.17	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.5760	0.0040	0.5548	0.0402	0.0121	15	0.53	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.5800	0.0200	0.5548	0.0402	0.0121	15	0.63	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.5801	0.0087	0.5548	0.0402	0.0121	15	0.63	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.6750	0.0300	0.5548	0.0402	0.0121	15	2.99	11%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	0.6870	0.0000	0.5548	0.0402	0.0121	15	3.29	12%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0918	0.6340	0.0800	0.5548	0.0402	0.0121	15	1.97	7%	1
133.05	Proline, Pre-col AQC Der (%)	2193	0.3850	0.0000	0.5516	0.0894	0.0066	8	-1.86	15%	0
133.05	Proline, Pre-col AQC Der (%)	0407	0.4480	0.0020	0.5516	0.0894	0.0066	8	-1.16	9%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.5500	0.0000	0.5516	0.0894	0.0066	8	-0.02	0%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.5650	0.0300	0.5516	0.0894	0.0066	8	0.15	1%	0
133.05	Proline, Pre-col AQC Der (%)	0626	0.5855	0.0010	0.5516	0.0894	0.0066	8	0.38	3%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.5880	0.0000	0.5516	0.0894	0.0066	8	0.41	3%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.6290	0.0000	0.5516	0.0894	0.0066	8	0.87	7%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.6300	0.0200	0.5516	0.0894	0.0066	8	0.88	7%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.5595	0.0750	0.5516	0.0894	0.0066	8	0.09	1%	1
133.99	Proline, Miscellaneous (%)	0227	0.5750	0.0300				2			0
133.99	Proline, Miscellaneous (%)	0889	1.110	0.0200				2			0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5100	0.0400	0.5994	0.0354	0.0123	16	-2.53	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0100	0.5994	0.0354	0.0123	16	-1.54	5%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0918	0.5765	0.0530	0.5994	0.0354	0.0123	16	-0.65	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.5785	0.0070	0.5994	0.0354	0.0123	16	-0.59	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.5815	0.0070	0.5994	0.0354	0.0123	16	-0.51	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.5935	0.0070	0.5994	0.0354	0.0123	16	-0.17	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.5950	0.0100	0.5994	0.0354	0.0123	16	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2339	0.5950	0.0060	0.5994	0.0354	0.0123	16	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	0.6000	0.0000	0.5994	0.0354	0.0123	16	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.6000	0.0000	0.5994	0.0354	0.0123	16	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6000	0.0200	0.5994	0.0354	0.0123	16	0.02	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.6186	0.0149	0.5994	0.0354	0.0123	16	0.54	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.6200	0.0000	0.5994	0.0354	0.0123	16	0.58	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.6360	0.0060	0.5994	0.0354	0.0123	16	1.03	3%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.6510	0.0000	0.5994	0.0354	0.0123	16	1.46	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0870	0.6636	0.0166	0.5994	0.0354	0.0123	16	1.81	5%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.5965	0.0370				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	0.3535	0.0050	0.5845	0.0403	0.0021	8	-5.73	20%	0
134.05	Serine, Pre-col AQC Der (%)	0610	0.5500	0.0000	0.5845	0.0403	0.0021	8	-0.86	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.5770	0.0000	0.5845	0.0403	0.0021	8	-0.19	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.5770	0.0000	0.5845	0.0403	0.0021	8	-0.19	1%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.5970	0.0060	0.5845	0.0403	0.0021	8	0.31	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.5990	0.0060	0.5845	0.0403	0.0021	8	0.36	1%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.6200	0.0000	0.5845	0.0403	0.0021	8	0.88	3%	0
134.05	Serine, Pre-col AQC Der (%)	2193	0.6320	0.0000	0.5845	0.0403	0.0021	8	1.18	4%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.6600	0.0400	0.5845	0.0403	0.0021	8	1.87	6%	1
134.99	Serine, Miscellaneous (%)	0227	0.6050	0.0100				2			0
134.99	Serine, Miscellaneous (%)	0889	0.6350	0.0100				2			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.4681	0.0078	0.4842	0.0154	0.0080	15	-1.04	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.4700	0.0200	0.4842	0.0154	0.0080	15	-0.92	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.4700	0.0200	0.4842	0.0154	0.0080	15	-0.92	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.4700	0.0200	0.4842	0.0154	0.0080	15	-0.92	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.4750	0.0100	0.4842	0.0154	0.0080	15	-0.59	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2339	0.4775	0.0030	0.4842	0.0154	0.0080	15	-0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.4790	0.0020	0.4842	0.0154	0.0080	15	-0.33	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	0.4800	0.0000	0.4842	0.0154	0.0080	15	-0.27	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.4815	0.0050	0.4842	0.0154	0.0080	15	-0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4900	0.0000	0.4842	0.0154	0.0080	15	0.38	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.4905	0.0050	0.4842	0.0154	0.0080	15	0.41	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.4950	0.0100	0.4842	0.0154	0.0080	15	0.70	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0870	0.5012	0.0157	0.4842	0.0154	0.0080	15	1.10	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5160	0.0000	0.4842	0.0154	0.0080	15	2.07	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.5265	0.0010	0.4842	0.0154	0.0080	15	2.75	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0918	0.4950	0.1000	0.4842	0.0154	0.0080	15	0.70	1%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.4850	0.0020				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.3035	0.0030	0.4574	0.0355	0.0031	8	-4.33	17%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.4270	0.0000	0.4574	0.0355	0.0031	8	-0.86	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2193	0.4410	0.0000	0.4574	0.0355	0.0031	8	-0.46	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.4540	0.0000	0.4574	0.0355	0.0031	8	-0.10	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4750	0.0100	0.4574	0.0355	0.0031	8	0.50	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.4800	0.0080	0.4574	0.0355	0.0031	8	0.64	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.4880	0.0040	0.4574	0.0355	0.0031	8	0.86	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.4900	0.0000	0.4574	0.0355	0.0031	8	0.92	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.4850	0.0300	0.4574	0.0355	0.0031	8	0.78	3%	1
135.99	Threonine, Miscellaneous (%)	0227	0.4900	0.0000				2			0
135.99	Threonine, Miscellaneous (%)	0889	0.5700	0.0000				2			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2000	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0918	0.2000	0.0000				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0870	0.1983	0.0116				2			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.1360	0.0000				2			2
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.1810	0.0000				1			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.1900	0.0040				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	2196	0.1770	0.0000	0.1855	0.0096	0.0018	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	2059	0.1790	0.0020	0.1855	0.0096	0.0018	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	2339	0.1810	0.0020	0.1855	0.0096	0.0018	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0571	0.1905	0.0050	0.1855	0.0096	0.0018	5			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC Fl (%)	0353	0.2000	0.0000	0.1855	0.0096	0.0018	5			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2000	0.0000				2			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2475	0.0010				2			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1000	0.0000				2			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.2150	0.0100				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3150	0.0900	0.4117	0.0608	0.0243	14	**-1.59**	12%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.3340	0.0000	0.4117	0.0608	0.0243	14	**-1.28**	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	0.3600	0.0000	0.4117	0.0608	0.0243	14	**-0.85**	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.3750	0.0300	0.4117	0.0608	0.0243	14	**-0.60**	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0870	0.3863	0.0409	0.4117	0.0608	0.0243	14	**-0.42**	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.3961	0.0055	0.4117	0.0608	0.0243	14	**-0.26**	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4100	0.0200	0.4117	0.0608	0.0243	14	**-0.03**	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4150	0.0300	0.4117	0.0608	0.0243	14	**0.05**	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2339	0.4340	0.0100	0.4117	0.0608	0.0243	14	**0.37**	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4425	0.0050	0.4117	0.0608	0.0243	14	**0.51**	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4450	0.0100	0.4117	0.0608	0.0243	14	**0.55**	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4630	0.0000	0.4117	0.0608	0.0243	14	**0.84**	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.4795	0.0030	0.4117	0.0608	0.0243	14	**1.12**	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0918	0.5520	0.0960	0.4117	0.0608	0.0243	14	**2.31**	17%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3985	0.0030				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.3240	0.0020	0.4154	0.0735	0.0098	8	**-1.24**	11%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3320	0.0160	0.4154	0.0735	0.0098	8	**-1.13**	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.3950	0.0100	0.4154	0.0735	0.0098	8	**-0.28**	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4160	0.0000	0.4154	0.0735	0.0098	8	**0.01**	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4410	0.0000	0.4154	0.0735	0.0098	8	**0.35**	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4450	0.0100	0.4154	0.0735	0.0098	8	**0.40**	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2193	0.4500	0.0000	0.4154	0.0735	0.0098	8	**0.47**	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5200	0.0400	0.4154	0.0735	0.0098	8	**1.42**	13%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5215	0.1190	0.4154	0.0735	0.0098	8	**1.44**	13%	1
137.99	Tyrosine, Miscellaneous (%)	0889	0.2150	0.0100				2			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.3800	0.0200				2			0
138.00	Valine, Post-col Ninhydrin Der (%)	0870	0.6436	0.0189	0.6943	0.0334	0.0194	16	**-1.52**	4%	0

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6550	0.0100	0.6943	0.0334	0.0194	16	-1.18	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.6660	0.0000	0.6943	0.0334	0.0194	16	-0.85	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6705	0.0010	0.6943	0.0334	0.0194	16	-0.71	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.6750	0.0100	0.6943	0.0334	0.0194	16	-0.58	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	0.6800	0.0000	0.6943	0.0334	0.0194	16	-0.43	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0918	0.6835	0.0710	0.6943	0.0334	0.0194	16	-0.32	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6900	0.0200	0.6943	0.0334	0.0194	16	-0.13	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7000	0.0600	0.6943	0.0334	0.0194	16	0.17	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.7015	0.0090	0.6943	0.0334	0.0194	16	0.22	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2339	0.7045	0.0010	0.6943	0.0334	0.0194	16	0.31	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7060	0.0180	0.6943	0.0334	0.0194	16	0.35	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7188	0.0133	0.6943	0.0334	0.0194	16	0.73	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0500	0.6943	0.0334	0.0194	16	0.92	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7600	0.0200	0.6943	0.0334	0.0194	16	1.97	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.7700	0.0080	0.6943	0.0334	0.0194	16	2.27	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.7385	0.0230				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	0.5850	0.0000	0.6728	0.0637	0.0068	8	-1.38	7%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.5950	0.0100	0.6728	0.0637	0.0068	8	-1.22	6%	0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6550	0.0000	0.6728	0.0637	0.0068	8	-0.28	1%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6890	0.0000	0.6728	0.0637	0.0068	8	0.26	1%	0
138.05	Valine, Pre-col AQC Der (%)	2193	0.7000	0.0000	0.6728	0.0637	0.0068	8	0.43	2%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.7030	0.0140	0.6728	0.0637	0.0068	8	0.47	2%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.7200	0.0000	0.6728	0.0637	0.0068	8	0.74	4%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7350	0.0300	0.6728	0.0637	0.0068	8	0.98	5%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.7060	0.1120	0.6728	0.0637	0.0068	8	0.52	2%	1
138.99	Valine, Miscellaneous (%)	0889	0.6900	0.0000				2			0
138.99	Valine, Miscellaneous (%)	0227	0.7400	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0300	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1100	0.0200				2			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0070	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0889	0.0700	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.0850	0.0100				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.2200	0.0000				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.2350	0.0700				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.6650	0.0300				1			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.2300	0.0600				1			0
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0			5

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data Value	Lab Data Range	Method Values Rob Mean	Method Values Robust SD	Method Values R-bar	Method Values # Labs	AAFCO PT Z Score	Threshold %RSD	Flag
165.10	Sucrose, HPAEC PAD (%)	0297	4.245	0.5700				1			0
165.99	Sucrose, Miscellaneous (%)	0148	4.425	0.0500				2			0
165.99	Sucrose, Miscellaneous (%)	0227	5.115	0.0300				2			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.4750	0.0700				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.4050	0.0100				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.3688	0.0020	0.4202	0.0276	0.0059	11	-1.86	6%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.3900	0.0200	0.4202	0.0276	0.0059	11	-1.09	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0843	0.4054	0.0005	0.4202	0.0276	0.0059	11	-0.54	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4079	0.0039	0.4202	0.0276	0.0059	11	-0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4140	0.0000	0.4202	0.0276	0.0059	11	-0.23	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4235	0.0070	0.4202	0.0276	0.0059	11	0.12	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4255	0.0090	0.4202	0.0276	0.0059	11	0.19	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.4300	0.0000	0.4202	0.0276	0.0059	11	0.35	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4410	0.0060	0.4202	0.0276	0.0059	11	0.75	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4450	0.0120	0.4202	0.0276	0.0059	11	0.90	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.5617	0.0046	0.4202	0.0276	0.0059	11	5.12	17%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	25.21	0.1600	0.4202	0.0276	0.0059	11	897.42	2949%	2
400.99	Water Activity, Miscellaneous (Units)	0843	0.4310	0.0040				1			0
413.01	Starch, Resistant, Enzymatic-Colorimetric (%)	2302	29.16	0.1500				1			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.8710	0.0180				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0171	0.9850	0.0180				2			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0619	0.1610	0.0000				2			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	2394	0.8600	0.0000				2			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 10					2			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.9400	0.0000				1			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0015	0.8250	0.0100	0.9832	0.1242	0.0266	6	-1.27	8%	0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0553	0.9155	0.0390	0.9832	0.1242	0.0266	6	-0.55	3%	0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.9720	0.0080	0.9832	0.1242	0.0266	6	-0.09	1%	0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0010	1.000	0.0000	0.9832	0.1242	0.0266	6	0.14	1%	0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0918	1.040	0.0000	0.9832	0.1242	0.0266	6	0.46	3%	0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	1.147	0.1028	0.9832	0.1242	0.0266	6	1.32	8%	0
518.41	Cadmium, ICP, Dry ash (ppm)	0171	0.0080	0.0000				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0169	0.0041				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0039	0.0042				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0145	0.0010	0.0176	0.0040	0.0009	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0015	0.0160	0.0000	0.0176	0.0040	0.0009	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0553	0.0164	0.0016	0.0176	0.0040	0.0009	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0918	0.0235	0.0010	0.0176	0.0040	0.0009	4			0

Test Material Code # 202223 | **Method Proficiency Testing Report** | **Issue Date : 04/30/2022**

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	R-bar	# Labs			
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0189	0.0090	0.0176	0.0040	0.0009	4			1
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	0.5426	0.0794				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0171	0.7735	0.0030				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	0.7285	0.4250				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	0.7950	0.1100				2			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	0.0400	0.0200				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	0.5029	0.0195				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	15.23	0.0000				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	0.0000	0.0000				3			4
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	0.0970	0.0060				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0553	0.1015	0.0010				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	0.1867	0.1619				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0918	1.385	0.1300				3			2
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1278	0.0379				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.0624	0.0057				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 3					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.0140	0.0020				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0918	0.0150	0.0040				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0163	0.0019				3			0
526.53	Lead, ICP-MS, Microwave (ppm)	0553	0.0784	0.1292				3			2
529.99	Mercury, Miscellaneous (ppb)	0407	4.107	0.6876				1			0
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1			5
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1			5
539.41	Nickel, ICP, Dry ash (ppm)	0171	0.3630	0.0000				2			0
539.41	Nickel, ICP, Dry ash (ppm)	0407	0.5600	0.0649				2			0
539.43	Nickel, ICP, Microwave (ppm)	0407	0.6075	0.0241				2			0
539.43	Nickel, ICP, Microwave (ppm)	0682	1.110	0.0000				2			0
539.43	Nickel, ICP, Microwave (ppm)	0297	0.0000	0.0000				2			4
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	0.5405	0.0010				1			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0553	0.5440	0.0360				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0918	0.5465	0.0290				3			0
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	0.5796	0.0204				3			0
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0			5
714.02	Myristic Acid (14:0), Direct Methylation by Acid-Alkali Hyd	0297	0.0635	0.0006				1			0
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0590	0.0030				1			0
716.02	Palmitic Acid (16:0), Direct Methylation by Acid-Alkali Hydı	0297	2.835	0.0320				1			0
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	2.523	0.2175				1			0
718.02	Palmitoleic Acid (9c-16:1), Direct Methylation by Acid-Alka	0297	0.0315	0.0010				1			0
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0361	0.0041				1			0
720.02	Margaric acid (17:0), Direct Methylation by Acid-Alkali Hyd	0297	0.0000	0.0000				0			4

Test Material Code # 202223	Method Proficiency Testing Report								Issue Date : 04/30/2022		
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			
722.02	Stearic Acid (18:0), Direct Methylation by Acid-Alkali Hydr	0297	0.3520	0.0060				1			0
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.3360	0.0350				1			0
724.02	Oleic Acid (9c-18:1), Direct Methylation by Acid-Alkali Hyd	0297	6.968	0.1290				1			0
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	6.299	0.6132				1			0
726.02	Linoleic Acid (9c,12c-18:2), Direct Methylation by Acid-Alk	0297	0.1491	0.0026				1			0
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	5.503	0.5366				1			0
728.02	alpha-Linolenic Acid (9c,12c,15c-18:3), Direct Methylation	0297	0.2000	0.0000				1			0
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%	0226	0.1964	0.0181				1			0
730.02	Arachidic Acid (20:0), Direct Methylation by Acid-Alkali Hy	0297	0.0000	0.0000				0			4
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.1195	0.0145				1			0
732.02	Gondoic Acid (11c-20:1), Direct Methylation by Acid-Alkali	0297	0.0897	0.0027				1			0
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0877	0.0158				1			0
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Mis	0226	< 0.005					0			5
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0679	0.0089				1			0
744.02	Erucic Acid (13c-22:1), Direct Methylation by Acid-Alkali H	0297	0.0000	0.0000				0			4
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0			5
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5	0226	< 0.005					0			5
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.1434	0.0198				1			0
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6)	0226	< 0.005					0			5
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					0			5
758.02	Total Saturated Fatty Acids, Direct Methylation by Acid-Alk	0297	3.258	0.0407				1			0
762.02	Total Monounsaturated Fatty Acids, Direct Methylation by	0297	7.089	0.1305				1			0
766.02	Total Polyunsaturated Fatty Acids, Direct Methylation by A	0297	6.603	0.1287				1			0
772.02	Total Fatty Acids, Direct Methylation by Acid-Alkali Hydroly	0297	16.95	0.3000				1			0
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	15.37	1.487				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, 5 = A reporting limit and 4 = zeros submitted as values. Robust statistics not used if < 6 labs reporting, in the case of 4 or 5 labs reporting Means and SD's may be reported based on Raw Data with obvious blunders removed (Mandel h and k exclusions apply; Grey). Flag 3 indicates not used in statistics.