



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Goat Feed, Medicated

Test Material Code # 202324

Method Proficiency Testing Report

Labs Reporting: 169

Methods Reported 384

Issue Date : 05/31/2023

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	Rob R-bar	# Labs			
000.02	Urea, As protein, Colorimetric (%)	0278	0.8500	0.1000				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0914	6.810	0.1200	7.973	0.6822	0.1452	5		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.027	0.1140	7.973	0.6822	0.1452	5		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.173	0.2018	7.973	0.6822	0.1452	5		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.265	0.2700	7.973	0.6822	0.1452	5		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	8.590	0.0200	7.973	0.6822	0.1452	5		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	8.260	0.1800				2		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	8.865	0.5900				2		0	
001.05	Loss on Drying, LECO (%)	0644	8.256	0.0110				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	7.200	0.0000	8.365	0.2158	0.0896	42	-5.40	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	7.955	0.0900	8.365	0.2158	0.0896	42	-1.90	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	7.990	0.1200	8.365	0.2158	0.0896	42	-1.74	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	8.000	0.2000	8.365	0.2158	0.0896	42	-1.69	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.080	0.0200	8.365	0.2158	0.0896	42	-1.32	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0650	8.125	0.1300	8.365	0.2158	0.0896	42	-1.11	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.130	0.0400	8.365	0.2158	0.0896	42	-1.09	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	8.195	0.0100	8.365	0.2158	0.0896	42	-0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.212	0.0016	8.365	0.2158	0.0896	42	-0.71	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	8.225	0.2900	8.365	0.2158	0.0896	42	-0.65	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	8.240	0.0600	8.365	0.2158	0.0896	42	-0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.255	0.0700	8.365	0.2158	0.0896	42	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	8.255	0.0300	8.365	0.2158	0.0896	42	-0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	8.265	0.0500	8.365	0.2158	0.0896	42	-0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	8.305	0.0100	8.365	0.2158	0.0896	42	-0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.315	0.0700	8.365	0.2158	0.0896	42	-0.23	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.330	0.0000	8.365	0.2158	0.0896	42	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	8.330	0.0000	8.365	0.2158	0.0896	42	-0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.334	0.0250	8.365	0.2158	0.0896	42	-0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	8.345	0.0100	8.365	0.2158	0.0896	42	-0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	8.360	0.0000	8.365	0.2158	0.0896	42	-0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.380	0.2400	8.365	0.2158	0.0896	42	0.07	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.385	0.0300	8.365	0.2158	0.0896	42	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.385	0.1900	8.365	0.2158	0.0896	42	0.09	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	8.385	0.0300	8.365	0.2158	0.0896	42	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.385	0.0100	8.365	0.2158	0.0896	42	0.09	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	8.400	0.2000	8.365	0.2158	0.0896	42	0.16	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	8.425	0.0100	8.365	0.2158	0.0896	42	0.28	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	8.465	0.1700	8.365	0.2158	0.0896	42	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.485	0.2300	8.365	0.2158	0.0896	42	0.55	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	8.515	0.0700	8.365	0.2158	0.0896	42	0.69	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	8.525	0.1700	8.365	0.2158	0.0896	42	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.535	0.0100	8.365	0.2158	0.0896	42	0.79	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	8.545	0.0100	8.365	0.2158	0.0896	42	0.83	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.550	0.0000	8.365	0.2158	0.0896	42	0.86	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.552	0.1400	8.365	0.2158	0.0896	42	0.87	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.570	0.2400	8.365	0.2158	0.0896	42	0.95	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.655	0.0100	8.365	0.2158	0.0896	42	1.34	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	8.665	0.0700	8.365	0.2158	0.0896	42	1.39	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.711	0.0584	8.365	0.2158	0.0896	42	1.60	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.165	0.0700	8.365	0.2158	0.0896	42	3.71	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.225	0.4700	8.365	0.2158	0.0896	42	3.98	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	7.800	0.6000	8.365	0.2158	0.0896	42	-2.62	3%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.865	0.5900	8.365	0.2158	0.0896	42	2.32	3%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	8.619	0.0030				1			0
001.99	Loss on Drying, Miscellaneous (%)	0186	5.877	0.0564	7.881	0.7727	0.0915	16	-2.59	13%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	6.750	0.1000	7.881	0.7727	0.0915	16	-1.46	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.895	0.0300	7.881	0.7727	0.0915	16	-1.28	6%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	7.035	0.4900	7.881	0.7727	0.0915	16	-1.09	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.575	0.3300	7.881	0.7727	0.0915	16	-0.40	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	7.770	0.1000	7.881	0.7727	0.0915	16	-0.14	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.070	0.0600	7.881	0.7727	0.0915	16	0.24	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.090	0.1200	7.881	0.7727	0.0915	16	0.27	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	8.115	0.0300	7.881	0.7727	0.0915	16	0.30	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.225	0.0100	7.881	0.7727	0.0915	16	0.45	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	8.300	0.0000	7.881	0.7727	0.0915	16	0.54	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.325	0.0100	7.881	0.7727	0.0915	16	0.57	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.385	0.0500	7.881	0.7727	0.0915	16	0.65	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	8.400	0.0000	7.881	0.7727	0.0915	16	0.67	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	8.710	0.0164	7.881	0.7727	0.0915	16	1.07	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	8.725	0.2300	7.881	0.7727	0.0915	16	1.09	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.315	0.7900	7.881	0.7727	0.0915	16	0.56	3%	1
002.00	Protein, Crude, Crude (%)	0169	16.69	0.1900				2			0
002.00	Protein, Crude, Crude (%)	2345	17.13	0.4400				2			0
002.01	Protein, Crude, Auto Kjel-Foss (%)	2442	15.99	0.0300	16.36	0.2282	0.0958	18	-1.65	1%	0
002.01	Protein, Crude, Auto Kjel-Foss (%)	0910	16.05	0.1000	16.36	0.2282	0.0958	18	-1.37	1%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	16.12	0.0000	16.36	0.2282	0.0958	18	-1.06	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2443	16.13	0.0340	16.36	0.2282	0.0958	18	-1.01	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	16.21	0.0200	16.36	0.2282	0.0958	18	-0.66	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0723	16.29	0.0100	16.36	0.2282	0.0958	18	-0.34	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2322	16.33	0.0500	16.36	0.2282	0.0958	18	-0.16	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	16.37	0.0000	16.36	0.2282	0.0958	18	0.04	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	16.38	0.1570	16.36	0.2282	0.0958	18	0.08	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	16.38	0.1400	16.36	0.2282	0.0958	18	0.08	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	16.38	0.0200	16.36	0.2282	0.0958	18	0.08	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	16.39	0.1100	16.36	0.2282	0.0958	18	0.10	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	16.47	0.3340	16.36	0.2282	0.0958	18	0.45	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	16.48	0.2000	16.36	0.2282	0.0958	18	0.52	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	16.56	0.0100	16.36	0.2282	0.0958	18	0.85	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	16.60	0.4000	16.36	0.2282	0.0958	18	1.04	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	16.67	0.0000	16.36	0.2282	0.0958	18	1.35	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	16.86	0.0900	16.36	0.2282	0.0958	18	2.16	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	16.41	0.0500				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	16.31	0.0200				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	15.85	0.5000	16.38	0.2884	0.1445	26	-1.84	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	15.96	0.0104	16.38	0.2884	0.1445	26	-1.46	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2450	16.11	0.2000	16.38	0.2884	0.1445	26	-0.94	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	16.14	0.0100	16.38	0.2884	0.1445	26	-0.85	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	16.14	0.1600	16.38	0.2884	0.1445	26	-0.84	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	16.15	0.3500	16.38	0.2884	0.1445	26	-0.82	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	16.15	0.2379	16.38	0.2884	0.1445	26	-0.79	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	16.20	0.2300	16.38	0.2884	0.1445	26	-0.65	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	16.28	0.2300	16.38	0.2884	0.1445	26	-0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	16.28	0.6100	16.38	0.2884	0.1445	26	-0.37	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	16.30	0.0100	16.38	0.2884	0.1445	26	-0.30	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	16.34	0.0070	16.38	0.2884	0.1445	26	-0.14	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	16.35	0.0100	16.38	0.2884	0.1445	26	-0.13	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	16.35	0.1000	16.38	0.2884	0.1445	26	-0.11	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	16.35	0.0060	16.38	0.2884	0.1445	26	-0.09	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	16.36	0.0200	16.38	0.2884	0.1445	26	-0.07	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	16.47	0.0431	16.38	0.2884	0.1445	26	0.30	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	16.48	0.3600	16.38	0.2884	0.1445	26	0.34	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	16.56	0.0700	16.38	0.2884	0.1445	26	0.60	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2097	16.60	0.2186	16.38	0.2884	0.1445	26	0.76	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	16.64	0.0300	16.38	0.2884	0.1445	26	0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	16.70	0.2000	16.38	0.2884	0.1445	26	1.11	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	16.71	0.1500	16.38	0.2884	0.1445	26	1.12	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2453	16.76	0.0400	16.38	0.2884	0.1445	26	1.31	1%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2190	16.83	0.2000	16.38	0.2884	0.1445	26	1.56	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2144	17.48	0.1600	16.38	0.2884	0.1445	26	3.81	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	15.46	0.0100	16.58	0.2741	0.1742	114	-4.11	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	15.68	0.0600	16.58	0.2741	0.1742	114	-3.29	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	15.75	0.1000	16.58	0.2741	0.1742	114	-3.04	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	15.82	0.0200	16.58	0.2741	0.1742	114	-2.78	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	15.83	0.7000	16.58	0.2741	0.1742	114	-2.75	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	15.95	0.1000	16.58	0.2741	0.1742	114	-2.31	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	15.97	0.0600	16.58	0.2741	0.1742	114	-2.23	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	16.01	0.1300	16.58	0.2741	0.1742	114	-2.11	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	16.10	0.2000	16.58	0.2741	0.1742	114	-1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2389	16.10	0.0000	16.58	0.2741	0.1742	114	-1.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	16.12	0.0100	16.58	0.2741	0.1742	114	-1.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	16.14	0.1400	16.58	0.2741	0.1742	114	-1.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	16.15	0.1000	16.58	0.2741	0.1742	114	-1.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	16.21	0.1110	16.58	0.2741	0.1742	114	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	16.23	0.0370	16.58	0.2741	0.1742	114	-1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	16.25	0.4390	16.58	0.2741	0.1742	114	-1.23	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	16.30	0.0000	16.58	0.2741	0.1742	114	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	16.30	0.0000	16.58	0.2741	0.1742	114	-1.03	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	16.33	0.0600	16.58	0.2741	0.1742	114	-0.92	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	16.35	0.0200	16.58	0.2741	0.1742	114	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	16.35	0.1000	16.58	0.2741	0.1742	114	-0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	16.38	0.1100	16.58	0.2741	0.1742	114	-0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	16.38	0.2790	16.58	0.2741	0.1742	114	-0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	16.38	0.0200	16.58	0.2741	0.1742	114	-0.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	16.40	0.0700	16.58	0.2741	0.1742	114	-0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	16.40	0.4000	16.58	0.2741	0.1742	114	-0.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	16.41	0.1600	16.58	0.2741	0.1742	114	-0.63	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	16.42	0.2300	16.58	0.2741	0.1742	114	-0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	16.44	0.1300	16.58	0.2741	0.1742	114	-0.54	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	16.45	0.0594	16.58	0.2741	0.1742	114	-0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	16.45	0.1000	16.58	0.2741	0.1742	114	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	16.45	0.3000	16.58	0.2741	0.1742	114	-0.48	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	16.46	0.0300	16.58	0.2741	0.1742	114	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	16.46	0.1300	16.58	0.2741	0.1742	114	-0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	16.46	0.8800	16.58	0.2741	0.1742	114	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	16.48	0.1370	16.58	0.2741	0.1742	114	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	16.49	0.0800	16.58	0.2741	0.1742	114	-0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	16.50	0.0000	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	16.50	0.2000	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	16.50	0.0000	16.58	0.2741	0.1742	114	-0.30	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	16.50	0.0000	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	16.50	0.2000	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	16.50	0.0160	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	16.50	0.0800	16.58	0.2741	0.1742	114	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	16.51	0.0100	16.58	0.2741	0.1742	114	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	16.51	0.0200	16.58	0.2741	0.1742	114	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	16.51	0.2800	16.58	0.2741	0.1742	114	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0589	16.53	0.5100	16.58	0.2741	0.1742	114	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	16.53	0.0650	16.58	0.2741	0.1742	114	-0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	16.54	0.0900	16.58	0.2741	0.1742	114	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	16.55	0.1000	16.58	0.2741	0.1742	114	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	16.55	0.1800	16.58	0.2741	0.1742	114	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	16.56	0.2500	16.58	0.2741	0.1742	114	-0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	16.57	0.0500	16.58	0.2741	0.1742	114	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	16.58	0.2310	16.58	0.2741	0.1742	114	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2174	16.59	0.4900	16.58	0.2741	0.1742	114	0.01	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	16.59	0.0400	16.58	0.2741	0.1742	114	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	16.60	0.3100	16.58	0.2741	0.1742	114	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	16.60	0.2700	16.58	0.2741	0.1742	114	0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	16.60	0.4000	16.58	0.2741	0.1742	114	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	16.60	0.0000	16.58	0.2741	0.1742	114	0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	16.60	0.4570	16.58	0.2741	0.1742	114	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	16.61	0.0200	16.58	0.2741	0.1742	114	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	16.61	0.5860	16.58	0.2741	0.1742	114	0.11	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	16.62	0.5700	16.58	0.2741	0.1742	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	16.62	0.2300	16.58	0.2741	0.1742	114	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	16.62	0.0400	16.58	0.2741	0.1742	114	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	16.64	0.3600	16.58	0.2741	0.1742	114	0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	16.66	0.3100	16.58	0.2741	0.1742	114	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	16.67	0.0400	16.58	0.2741	0.1742	114	0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	16.68	0.8300	16.58	0.2741	0.1742	114	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	16.68	0.1500	16.58	0.2741	0.1742	114	0.34	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2442	16.68	0.1200	16.58	0.2741	0.1742	114	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2392	16.69	0.0430	16.58	0.2741	0.1742	114	0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	16.69	0.1000	16.58	0.2741	0.1742	114	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	16.69	0.1800	16.58	0.2741	0.1742	114	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	16.70	0.3200	16.58	0.2741	0.1742	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	16.70	0.0000	16.58	0.2741	0.1742	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	16.70	0.1600	16.58	0.2741	0.1742	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	16.70	0.2000	16.58	0.2741	0.1742	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	16.70	0.2000	16.58	0.2741	0.1742	114	0.43	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	16.71	0.1900	16.58	0.2741	0.1742	114	0.45	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0650	16.71	0.3000	16.58	0.2741	0.1742	114	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	16.71	0.0200	16.58	0.2741	0.1742	114	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	16.71	0.0910	16.58	0.2741	0.1742	114	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	16.75	0.8200	16.58	0.2741	0.1742	114	0.61	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	16.77	0.0200	16.58	0.2741	0.1742	114	0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	16.79	0.0000	16.58	0.2741	0.1742	114	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	16.80	0.0740	16.58	0.2741	0.1742	114	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	16.80	0.0800	16.58	0.2741	0.1742	114	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	16.80	0.4000	16.58	0.2741	0.1742	114	0.79	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	16.82	0.0400	16.58	0.2741	0.1742	114	0.87	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	16.83	0.1500	16.58	0.2741	0.1742	114	0.89	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2057	16.84	0.0360	16.58	0.2741	0.1742	114	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	16.85	0.1700	16.58	0.2741	0.1742	114	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	16.85	0.3100	16.58	0.2741	0.1742	114	0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	16.86	0.1700	16.58	0.2741	0.1742	114	0.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	16.86	0.5000	16.58	0.2741	0.1742	114	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	16.86	0.2200	16.58	0.2741	0.1742	114	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	16.87	0.0200	16.58	0.2741	0.1742	114	1.05	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	16.89	0.1800	16.58	0.2741	0.1742	114	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	16.90	0.2100	16.58	0.2741	0.1742	114	1.14	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	16.91	0.0400	16.58	0.2741	0.1742	114	1.20	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	16.97	0.3700	16.58	0.2741	0.1742	114	1.40	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0723	17.00	0.0700	16.58	0.2741	0.1742	114	1.51	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	17.00	0.2000	16.58	0.2741	0.1742	114	1.52	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	17.04	0.1200	16.58	0.2741	0.1742	114	1.67	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0425	17.06	0.1200	16.58	0.2741	0.1742	114	1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	17.15	0.3000	16.58	0.2741	0.1742	114	2.07	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	17.18	0.2200	16.58	0.2741	0.1742	114	2.18	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	17.33	0.3700	16.58	0.2741	0.1742	114	2.71	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2363	17.35	0.3000	16.58	0.2741	0.1742	114	2.80	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	17.43	0.0400	16.58	0.2741	0.1742	114	3.09	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	17.56	0.5700	16.58	0.2741	0.1742	114	3.55	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	17.19	1.314	16.58	0.2741	0.1742	114	2.22	2%	1
002.08	Protein, Crude, Cu/Ti (%)	0098	16.42	0.1100				1			0
002.11	Protein, Crude, NIR (%)	0889	17.57	0.1600				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.240	0.0000	3.531	0.2276	0.1370	9	-1.28	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.285	0.1300	3.531	0.2276	0.1370	9	-1.08	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	3.400	0.0200	3.531	0.2276	0.1370	9	-0.58	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2322	3.520	0.0200	3.531	0.2276	0.1370	9	-0.05	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	3.550	0.1000	3.531	0.2276	0.1370	9	0.08	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2450	3.565	0.4700	3.531	0.2276	0.1370	9	0.15	0%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	3.675	0.0100	3.531	0.2276	0.1370	9	0.63	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	3.675	0.0300	3.531	0.2276	0.1370	9	0.63	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0011	4.335	0.3700	3.531	0.2276	0.1370	9	3.53	11%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0032	4.655	1.170	3.531	0.2276	0.1370	9	4.94	16%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.070	0.1400				2			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	3.610	0.0000				2			0
003.06	Fat, Crude, Pet Ether (%)	0229	2.935	0.1500	3.309	0.2818	0.0635	15	-1.33	6%	0
003.06	Fat, Crude, Pet Ether (%)	0169	2.945	0.0300	3.309	0.2818	0.0635	15	-1.29	5%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.050	0.0000	3.309	0.2818	0.0635	15	-0.92	4%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.145	0.0300	3.309	0.2818	0.0635	15	-0.58	2%	0
003.06	Fat, Crude, Pet Ether (%)	2340	3.191	0.0830	3.309	0.2818	0.0635	15	-0.42	2%	0
003.06	Fat, Crude, Pet Ether (%)	2392	3.200	0.0400	3.309	0.2818	0.0635	15	-0.39	2%	0
003.06	Fat, Crude, Pet Ether (%)	0425	3.230	0.0400	3.309	0.2818	0.0635	15	-0.28	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.285	0.0300	3.309	0.2818	0.0635	15	-0.08	0%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.300	0.0000	3.309	0.2818	0.0635	15	-0.03	0%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.300	0.2000	3.309	0.2818	0.0635	15	-0.03	0%	0
003.06	Fat, Crude, Pet Ether (%)	0294	3.545	0.0900	3.309	0.2818	0.0635	15	0.84	4%	0
003.06	Fat, Crude, Pet Ether (%)	0687	3.585	0.0700	3.309	0.2818	0.0635	15	0.98	4%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.600	0.0000	3.309	0.2818	0.0635	15	1.03	4%	0
003.06	Fat, Crude, Pet Ether (%)	0910	3.620	0.0400	3.309	0.2818	0.0635	15	1.11	5%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.699	0.0650	3.309	0.2818	0.0635	15	1.38	6%	0
003.06	Fat, Crude, Pet Ether (%)	0939	3.210	0.8000	3.309	0.2818	0.0635	15	-0.35	1%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.230	0.0400	3.428	0.1258	0.0872	10	-1.58	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2453	3.272	0.0220	3.428	0.1258	0.0872	10	-1.24	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	3.391	0.0110	3.428	0.1258	0.0872	10	-0.30	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0508	3.395	0.1694	3.428	0.1258	0.0872	10	-0.27	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	3.410	0.1800	3.428	0.1258	0.0872	10	-0.15	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2097	3.450	0.0205	3.428	0.1258	0.0872	10	0.18	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.485	0.1500	3.428	0.1258	0.0872	10	0.45	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.525	0.3100	3.428	0.1258	0.0872	10	0.77	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.535	0.0300	3.428	0.1258	0.0872	10	0.85	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.582	0.0170	3.428	0.1258	0.0872	10	1.22	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	2.890	0.0400	3.182	0.1472	0.0659	27	-1.99	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.005	0.0900	3.182	0.1472	0.0659	27	-1.21	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	3.035	0.0500	3.182	0.1472	0.0659	27	-1.00	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.041	0.0165	3.182	0.1472	0.0659	27	-0.96	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.047	0.1120	3.182	0.1472	0.0659	27	-0.92	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.075	0.0300	3.182	0.1472	0.0659	27	-0.73	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.100	0.2000	3.182	0.1472	0.0659	27	-0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	3.100	0.0000	3.182	0.1472	0.0659	27	-0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.101	0.0110	3.182	0.1472	0.0659	27	-0.56	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.115	0.0500	3.182	0.1472	0.0659	27	-0.46	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.125	0.0100	3.182	0.1472	0.0659	27	-0.39	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.145	0.1100	3.182	0.1472	0.0659	27	-0.25	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.150	0.1000	3.182	0.1472	0.0659	27	-0.22	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.160	0.0600	3.182	0.1472	0.0659	27	-0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.188	0.0060	3.182	0.1472	0.0659	27	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	3.189	0.0269	3.182	0.1472	0.0659	27	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.197	0.1897	3.182	0.1472	0.0659	27	0.10	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.205	0.0100	3.182	0.1472	0.0659	27	0.15	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.210	0.0000	3.182	0.1472	0.0659	27	0.19	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.220	0.0400	3.182	0.1472	0.0659	27	0.26	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.250	0.0400	3.182	0.1472	0.0659	27	0.46	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.350	0.3000	3.182	0.1472	0.0659	27	1.14	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.355	0.0100	3.182	0.1472	0.0659	27	1.17	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.391	0.1947	3.182	0.1472	0.0659	27	1.42	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.460	0.0400	3.182	0.1472	0.0659	27	1.89	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.485	0.0500	3.182	0.1472	0.0659	27	2.06	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.880	0.1250	3.182	0.1472	0.0659	27	4.74	11%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	2.800	1.200	3.182	0.1472	0.0659	27	-2.60	6%	1
003.11	Fat, Crude, NIR (%)	0889	4.190	0.0400				1			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.320	0.0200				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.350	0.0000				3			0
003.12	Fat, Crude, Hexane Ext (%)	2200	3.365	0.0700				3			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	3.085	0.0500	3.405	0.2776	0.0679	6	-1.15	5%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.260	0.0400	3.405	0.2776	0.0679	6	-0.52	2%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	3.385	0.0500	3.405	0.2776	0.0679	6	-0.07	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.420	0.1200	3.405	0.2776	0.0679	6	0.06	0%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	3.456	0.0475	3.405	0.2776	0.0679	6	0.19	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2089	10.29	0.1000	3.405	0.2776	0.0679	6	24.80	101%	0
003.14	Fat, Crude, Ankom (%)	0226	2.355	0.0100	3.276	0.2542	0.1071	53	-3.62	14%	0
003.14	Fat, Crude, Ankom (%)	0853	2.400	0.2000	3.276	0.2542	0.1071	53	-3.45	13%	0
003.14	Fat, Crude, Ankom (%)	2359	2.450	0.1000	3.276	0.2542	0.1071	53	-3.25	13%	0
003.14	Fat, Crude, Ankom (%)	0651	2.665	0.0562	3.276	0.2542	0.1071	53	-2.41	9%	0
003.14	Fat, Crude, Ankom (%)	2375	2.680	0.1000	3.276	0.2542	0.1071	53	-2.35	9%	0
003.14	Fat, Crude, Ankom (%)	0019	2.940	0.0600	3.276	0.2542	0.1071	53	-1.32	5%	0
003.14	Fat, Crude, Ankom (%)	0675	2.995	0.0100	3.276	0.2542	0.1071	53	-1.11	4%	0
003.14	Fat, Crude, Ankom (%)	0089	3.005	0.0500	3.276	0.2542	0.1071	53	-1.07	4%	0
003.14	Fat, Crude, Ankom (%)	0229	3.055	0.4500	3.276	0.2542	0.1071	53	-0.87	3%	0
003.14	Fat, Crude, Ankom (%)	2302	3.060	0.0400	3.276	0.2542	0.1071	53	-0.85	3%	0
003.14	Fat, Crude, Ankom (%)	0511	3.070	0.2000	3.276	0.2542	0.1071	53	-0.81	3%	0
003.14	Fat, Crude, Ankom (%)	0407	3.071	0.3298	3.276	0.2542	0.1071	53	-0.81	3%	0
003.14	Fat, Crude, Ankom (%)	0037	3.085	0.0500	3.276	0.2542	0.1071	53	-0.75	3%	0
003.14	Fat, Crude, Ankom (%)	0956	3.100	0.0000	3.276	0.2542	0.1071	53	-0.69	3%	0
003.14	Fat, Crude, Ankom (%)	0144	3.125	0.0100	3.276	0.2542	0.1071	53	-0.60	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0108	3.200	0.1600	3.276	0.2542	0.1071	53	-0.30	1%	0
003.14	Fat, Crude, Ankom (%)	0033	3.225	0.0500	3.276	0.2542	0.1071	53	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0034	3.225	0.0500	3.276	0.2542	0.1071	53	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	2057	3.232	0.0428	3.276	0.2542	0.1071	53	-0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0066	3.240	0.0800	3.276	0.2542	0.1071	53	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0358	3.240	0.0600	3.276	0.2542	0.1071	53	-0.14	1%	0
003.14	Fat, Crude, Ankom (%)	0574	3.250	0.0800	3.276	0.2542	0.1071	53	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0968	3.250	0.1000	3.276	0.2542	0.1071	53	-0.10	0%	0
003.14	Fat, Crude, Ankom (%)	0202	3.255	0.0700	3.276	0.2542	0.1071	53	-0.08	0%	0
003.14	Fat, Crude, Ankom (%)	0723	3.260	0.0200	3.276	0.2542	0.1071	53	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0505	3.270	0.0200	3.276	0.2542	0.1071	53	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0083	3.270	0.0800	3.276	0.2542	0.1071	53	-0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0035	3.280	0.0400	3.276	0.2542	0.1071	53	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	0171	3.280	0.0800	3.276	0.2542	0.1071	53	0.01	0%	0
003.14	Fat, Crude, Ankom (%)	2445	3.290	0.1000	3.276	0.2542	0.1071	53	0.05	0%	0
003.14	Fat, Crude, Ankom (%)	0529	3.295	0.2500	3.276	0.2542	0.1071	53	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	2129	3.300	0.1860	3.276	0.2542	0.1071	53	0.09	0%	0
003.14	Fat, Crude, Ankom (%)	0001	3.307	0.1730	3.276	0.2542	0.1071	53	0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0876	3.320	0.2000	3.276	0.2542	0.1071	53	0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0948	3.320	0.0600	3.276	0.2542	0.1071	53	0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0848	3.345	0.1300	3.276	0.2542	0.1071	53	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0004	3.365	0.0100	3.276	0.2542	0.1071	53	0.35	1%	0
003.14	Fat, Crude, Ankom (%)	0186	3.375	0.0500	3.276	0.2542	0.1071	53	0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0510	3.375	0.1100	3.276	0.2542	0.1071	53	0.39	2%	0
003.14	Fat, Crude, Ankom (%)	0619	3.390	0.2400	3.276	0.2542	0.1071	53	0.45	2%	0
003.14	Fat, Crude, Ankom (%)	2146	3.415	0.2100	3.276	0.2542	0.1071	53	0.54	2%	0
003.14	Fat, Crude, Ankom (%)	2076	3.423	0.1897	3.276	0.2542	0.1071	53	0.58	2%	0
003.14	Fat, Crude, Ankom (%)	0692	3.500	0.4000	3.276	0.2542	0.1071	53	0.88	3%	0
003.14	Fat, Crude, Ankom (%)	0682	3.530	0.0000	3.276	0.2542	0.1071	53	1.00	4%	0
003.14	Fat, Crude, Ankom (%)	2144	3.540	0.0600	3.276	0.2542	0.1071	53	1.04	4%	0
003.14	Fat, Crude, Ankom (%)	0148	3.550	0.2800	3.276	0.2542	0.1071	53	1.08	4%	0
003.14	Fat, Crude, Ankom (%)	0300	3.610	0.0200	3.276	0.2542	0.1071	53	1.31	5%	0
003.14	Fat, Crude, Ankom (%)	0726	3.655	0.0300	3.276	0.2542	0.1071	53	1.49	6%	0
003.14	Fat, Crude, Ankom (%)	0190	3.700	0.0000	3.276	0.2542	0.1071	53	1.67	6%	0
003.14	Fat, Crude, Ankom (%)	0278	3.750	0.1000	3.276	0.2542	0.1071	53	1.86	7%	0
003.14	Fat, Crude, Ankom (%)	0049	3.845	0.3500	3.276	0.2542	0.1071	53	2.24	9%	0
003.14	Fat, Crude, Ankom (%)	2363	3.900	0.0000	3.276	0.2542	0.1071	53	2.45	10%	0
003.14	Fat, Crude, Ankom (%)	0357	4.340	0.1200	3.276	0.2542	0.1071	53	4.18	16%	0
003.14	Fat, Crude, Ankom (%)	0598	6.850	0.0200	3.276	0.2542	0.1071	53	14.06	55%	2
003.99	Fat, Crude, Miscellaneous (%)	0546	3.305	0.1100				3			0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.465	0.1900				3			0
003.99	Fat, Crude, Miscellaneous (%)	1019	4.400	0.1600				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0186	13.02	0.1400	14.38	1.357	0.4098	8	-1.00	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	13.22	0.0500	14.38	1.357	0.4098	8	-0.86	4%	0
004.00	Fiber, Crude, Asbestos Free (%)	0425	13.85	0.5000	14.38	1.357	0.4098	8	-0.39	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	14.00	0.8000	14.38	1.357	0.4098	8	-0.28	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.20	0.2000	14.38	1.357	0.4098	8	-0.13	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	14.50	0.4000	14.38	1.357	0.4098	8	0.09	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	15.86	0.2200	14.38	1.357	0.4098	8	1.09	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	19.17	1.429	14.38	1.357	0.4098	8	3.52	17%	0
004.03	Fiber, Crude, Fritted Glass (%)	0921	13.26	0.5000	14.54	1.206	0.8200	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	13.63	1.050	14.54	1.206	0.8200	5			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	14.35	1.300	14.54	1.206	0.8200	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	15.29	0.2800	14.54	1.206	0.8200	5			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	16.20	0.9700	14.54	1.206	0.8200	5			0
004.06	Fiber, Crude, Fibertec (%)	0674	12.14	0.0000	14.06	0.8711	0.2691	14	-2.21	7%	0
004.06	Fiber, Crude, Fibertec (%)	2199	12.70	0.2000	14.06	0.8711	0.2691	14	-1.56	5%	0
004.06	Fiber, Crude, Fibertec (%)	2022	13.25	0.0100	14.06	0.8711	0.2691	14	-0.94	3%	0
004.06	Fiber, Crude, Fibertec (%)	2319	13.80	0.0000	14.06	0.8711	0.2691	14	-0.30	1%	0
004.06	Fiber, Crude, Fibertec (%)	0968	13.83	0.1800	14.06	0.8711	0.2691	14	-0.27	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	13.89	0.2300	14.06	0.8711	0.2691	14	-0.20	1%	0
004.06	Fiber, Crude, Fibertec (%)	0098	13.98	1.000	14.06	0.8711	0.2691	14	-0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0038	14.15	0.1000	14.06	0.8711	0.2691	14	0.10	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	14.35	0.4300	14.06	0.8711	0.2691	14	0.33	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	14.35	0.0340	14.06	0.8711	0.2691	14	0.34	1%	0
004.06	Fiber, Crude, Fibertec (%)	2349	14.70	0.0000	14.06	0.8711	0.2691	14	0.73	2%	0
004.06	Fiber, Crude, Fibertec (%)	0610	14.85	0.7000	14.06	0.8711	0.2691	14	0.91	3%	0
004.06	Fiber, Crude, Fibertec (%)	0689	14.95	0.1000	14.06	0.8711	0.2691	14	1.02	3%	0
004.06	Fiber, Crude, Fibertec (%)	2188	15.26	0.0000	14.06	0.8711	0.2691	14	1.38	4%	0
004.06	Fiber, Crude, Fibertec (%)	2200	11.75	1.500	14.06	0.8711	0.2691	14	-2.65	8%	1
004.07	Fiber, Crude, ANKOM (%)	0034	4.395	0.2700	14.61	0.9890	0.2561	71	-10.33	35%	0
004.07	Fiber, Crude, ANKOM (%)	0032	4.715	0.0300	14.61	0.9890	0.2561	71	-10.01	34%	0
004.07	Fiber, Crude, ANKOM (%)	0144	12.85	0.2200	14.61	0.9890	0.2561	71	-1.78	6%	0
004.07	Fiber, Crude, ANKOM (%)	0914	13.05	0.1000	14.61	0.9890	0.2561	71	-1.58	5%	0
004.07	Fiber, Crude, ANKOM (%)	0098	13.17	0.0200	14.61	0.9890	0.2561	71	-1.46	5%	0
004.07	Fiber, Crude, ANKOM (%)	2322	13.24	0.4400	14.61	0.9890	0.2561	71	-1.39	5%	0
004.07	Fiber, Crude, ANKOM (%)	0242	13.38	0.0300	14.61	0.9890	0.2561	71	-1.25	4%	0
004.07	Fiber, Crude, ANKOM (%)	2259	13.43	0.1670	14.61	0.9890	0.2561	71	-1.20	4%	0
004.07	Fiber, Crude, ANKOM (%)	0644	13.60	0.0330	14.61	0.9890	0.2561	71	-1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	13.62	0.2000	14.61	0.9890	0.2561	71	-1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	13.68	0.3669	14.61	0.9890	0.2561	71	-0.94	3%	0
004.07	Fiber, Crude, ANKOM (%)	0682	13.70	0.0000	14.61	0.9890	0.2561	71	-0.92	3%	0
004.07	Fiber, Crude, ANKOM (%)	0510	13.75	0.1000	14.61	0.9890	0.2561	71	-0.87	3%	0
004.07	Fiber, Crude, ANKOM (%)	0692	13.90	0.4000	14.61	0.9890	0.2561	71	-0.72	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0100	13.92	0.4100	14.61	0.9890	0.2561	71	-0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	0622	13.93	0.0415	14.61	0.9890	0.2561	71	-0.69	2%	0
004.07	Fiber, Crude, ANKOM (%)	2022	13.98	0.0300	14.61	0.9890	0.2561	71	-0.64	2%	0
004.07	Fiber, Crude, ANKOM (%)	2337	14.04	0.1200	14.61	0.9890	0.2561	71	-0.58	2%	0
004.07	Fiber, Crude, ANKOM (%)	0294	14.07	0.0500	14.61	0.9890	0.2561	71	-0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0619	14.10	0.4000	14.61	0.9890	0.2561	71	-0.52	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	14.17	0.3700	14.61	0.9890	0.2561	71	-0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0019	14.19	0.6800	14.61	0.9890	0.2561	71	-0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0505	14.19	0.0400	14.61	0.9890	0.2561	71	-0.43	1%	0
004.07	Fiber, Crude, ANKOM (%)	0956	14.20	0.4000	14.61	0.9890	0.2561	71	-0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0035	14.23	0.0300	14.61	0.9890	0.2561	71	-0.39	1%	0
004.07	Fiber, Crude, ANKOM (%)	0028	14.25	0.3000	14.61	0.9890	0.2561	71	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	14.26	0.0700	14.61	0.9890	0.2561	71	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	0948	14.26	0.3200	14.61	0.9890	0.2561	71	-0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	14.32	0.0700	14.61	0.9890	0.2561	71	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0278	14.40	0.2000	14.61	0.9890	0.2561	71	-0.21	1%	0
004.07	Fiber, Crude, ANKOM (%)	2302	14.42	0.6100	14.61	0.9890	0.2561	71	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	14.45	0.0500	14.61	0.9890	0.2561	71	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0910	14.50	0.6000	14.61	0.9890	0.2561	71	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0066	14.51	0.1700	14.61	0.9890	0.2561	71	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	2196	14.52	0.0000	14.61	0.9890	0.2561	71	-0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	0643	14.53	0.4000	14.61	0.9890	0.2561	71	-0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0366	14.55	0.7000	14.61	0.9890	0.2561	71	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0589	14.57	0.1700	14.61	0.9890	0.2561	71	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	14.57	0.1000	14.61	0.9890	0.2561	71	-0.04	0%	0
004.07	Fiber, Crude, ANKOM (%)	0229	14.58	1.040	14.61	0.9890	0.2561	71	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0009	14.59	0.1500	14.61	0.9890	0.2561	71	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	2340	14.66	0.1840	14.61	0.9890	0.2561	71	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2445	14.67	0.2100	14.61	0.9890	0.2561	71	0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2363	14.69	0.0500	14.61	0.9890	0.2561	71	0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0726	14.70	0.4300	14.61	0.9890	0.2561	71	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0407	14.75	0.7445	14.61	0.9890	0.2561	71	0.14	0%	0
004.07	Fiber, Crude, ANKOM (%)	0511	14.80	0.4000	14.61	0.9890	0.2561	71	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0354	14.89	0.1100	14.61	0.9890	0.2561	71	0.28	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	14.92	0.7200	14.61	0.9890	0.2561	71	0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0693	14.93	0.1990	14.61	0.9890	0.2561	71	0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	0646	15.16	0.1300	14.61	0.9890	0.2561	71	0.55	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	15.18	1.090	14.61	0.9890	0.2561	71	0.57	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	15.22	0.0000	14.61	0.9890	0.2561	71	0.61	2%	0
004.07	Fiber, Crude, ANKOM (%)	0003	15.29	0.5900	14.61	0.9890	0.2561	71	0.68	2%	0
004.07	Fiber, Crude, ANKOM (%)	0123	15.32	0.2000	14.61	0.9890	0.2561	71	0.72	2%	0
004.07	Fiber, Crude, ANKOM (%)	0723	15.48	0.0900	14.61	0.9890	0.2561	71	0.87	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0529	15.52	1.370	14.61	0.9890	0.2561	71	0.91	3%	0
004.07	Fiber, Crude, ANKOM (%)	2188	15.61	0.0600	14.61	0.9890	0.2561	71	1.01	3%	0
004.07	Fiber, Crude, ANKOM (%)	2392	15.62	0.4200	14.61	0.9890	0.2561	71	1.02	3%	0
004.07	Fiber, Crude, ANKOM (%)	0263	15.64	0.3490	14.61	0.9890	0.2561	71	1.03	4%	0
004.07	Fiber, Crude, ANKOM (%)	2009	15.85	0.0105	14.61	0.9890	0.2561	71	1.25	4%	0
004.07	Fiber, Crude, ANKOM (%)	2146	15.86	0.2200	14.61	0.9890	0.2561	71	1.26	4%	0
004.07	Fiber, Crude, ANKOM (%)	0190	15.90	0.2000	14.61	0.9890	0.2561	71	1.30	4%	0
004.07	Fiber, Crude, ANKOM (%)	0848	15.97	0.0800	14.61	0.9890	0.2561	71	1.37	5%	0
004.07	Fiber, Crude, ANKOM (%)	0089	16.08	0.0700	14.61	0.9890	0.2561	71	1.48	5%	0
004.07	Fiber, Crude, ANKOM (%)	0536	16.18	0.1200	14.61	0.9890	0.2561	71	1.59	5%	0
004.07	Fiber, Crude, ANKOM (%)	0598	16.35	0.0500	14.61	0.9890	0.2561	71	1.75	6%	0
004.07	Fiber, Crude, ANKOM (%)	2195	16.82	0.4700	14.61	0.9890	0.2561	71	2.23	8%	0
004.07	Fiber, Crude, ANKOM (%)	0504	16.86	0.3100	14.61	0.9890	0.2561	71	2.27	8%	0
004.07	Fiber, Crude, ANKOM (%)	0045	17.45	0.3000	14.61	0.9890	0.2561	71	2.87	10%	0
004.07	Fiber, Crude, ANKOM (%)	0226	23.30	0.7900	14.61	0.9890	0.2561	71	8.78	30%	0
004.07	Fiber, Crude, ANKOM (%)	2345	16.31	2.950	14.61	0.9890	0.2561	71	1.71	6%	1
004.11	Fiber, Crude, NIR (%)	0889	14.65	0.1000				1			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	12.81	0.2970				1			0
005.00	Ash, 2h @ 600°C (%)	2246	9.160	0.1800	10.77	0.4244	0.1509	89	-3.79	7%	0
005.00	Ash, 2h @ 600°C (%)	2322	9.280	0.0400	10.77	0.4244	0.1509	89	-3.50	7%	0
005.00	Ash, 2h @ 600°C (%)	0089	9.520	0.0000	10.77	0.4244	0.1509	89	-2.94	6%	0
005.00	Ash, 2h @ 600°C (%)	0169	9.530	0.0600	10.77	0.4244	0.1509	89	-2.92	6%	0
005.00	Ash, 2h @ 600°C (%)	0539	9.845	0.0500	10.77	0.4244	0.1509	89	-2.17	4%	0
005.00	Ash, 2h @ 600°C (%)	0357	9.850	0.1000	10.77	0.4244	0.1509	89	-2.16	4%	0
005.00	Ash, 2h @ 600°C (%)	0650	9.865	0.1100	10.77	0.4244	0.1509	89	-2.13	4%	0
005.00	Ash, 2h @ 600°C (%)	0278	9.880	0.3000	10.77	0.4244	0.1509	89	-2.09	4%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.970	0.4000	10.77	0.4244	0.1509	89	-1.88	4%	0
005.00	Ash, 2h @ 600°C (%)	2184	10.07	0.0900	10.77	0.4244	0.1509	89	-1.66	3%	0
005.00	Ash, 2h @ 600°C (%)	0598	10.11	0.0100	10.77	0.4244	0.1509	89	-1.56	3%	0
005.00	Ash, 2h @ 600°C (%)	0049	10.13	0.0500	10.77	0.4244	0.1509	89	-1.51	3%	0
005.00	Ash, 2h @ 600°C (%)	0953	10.27	0.2200	10.77	0.4244	0.1509	89	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	0354	10.29	0.0020	10.77	0.4244	0.1509	89	-1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	2359	10.30	0.2000	10.77	0.4244	0.1509	89	-1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	2443	10.35	0.3577	10.77	0.4244	0.1509	89	-0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	2340	10.35	0.0030	10.77	0.4244	0.1509	89	-0.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	10.40	0.2300	10.77	0.4244	0.1509	89	-0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	1019	10.50	0.5300	10.77	0.4244	0.1509	89	-0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	10.50	0.1200	10.77	0.4244	0.1509	89	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	10.50	0.0000	10.77	0.4244	0.1509	89	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	10.51	0.4500	10.77	0.4244	0.1509	89	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2445	10.51	0.0700	10.77	0.4244	0.1509	89	-0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0425	10.53	0.1100	10.77	0.4244	0.1509	89	-0.57	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0956	10.55	0.5000	10.77	0.4244	0.1509	89	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	2349	10.55	0.3000	10.77	0.4244	0.1509	89	-0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0186	10.56	0.1300	10.77	0.4244	0.1509	89	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	10.57	0.2100	10.77	0.4244	0.1509	89	-0.48	1%	0
005.00	Ash, 2h @ 600°C (%)	2442	10.59	0.0100	10.77	0.4244	0.1509	89	-0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	10.60	0.0100	10.77	0.4244	0.1509	89	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	2268	10.60	0.2300	10.77	0.4244	0.1509	89	-0.41	1%	0
005.00	Ash, 2h @ 600°C (%)	0723	10.61	0.0500	10.77	0.4244	0.1509	89	-0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	10.61	0.1049	10.77	0.4244	0.1509	89	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0027	10.66	0.1280	10.77	0.4244	0.1509	89	-0.25	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	10.68	0.0100	10.77	0.4244	0.1509	89	-0.22	0%	0
005.00	Ash, 2h @ 600°C (%)	0541	10.71	0.2400	10.77	0.4244	0.1509	89	-0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	10.72	0.1400	10.77	0.4244	0.1509	89	-0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0848	10.73	0.0100	10.77	0.4244	0.1509	89	-0.10	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	10.75	0.3000	10.77	0.4244	0.1509	89	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	10.78	0.1899	10.77	0.4244	0.1509	89	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	10.78	0.3985	10.77	0.4244	0.1509	89	0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	0358	10.79	0.0600	10.77	0.4244	0.1509	89	0.05	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	10.80	0.2000	10.77	0.4244	0.1509	89	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	0589	10.80	0.0400	10.77	0.4244	0.1509	89	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	10.83	0.1380	10.77	0.4244	0.1509	89	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	2453	10.83	0.0510	10.77	0.4244	0.1509	89	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0047	10.85	0.3000	10.77	0.4244	0.1509	89	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	0366	10.85	0.1000	10.77	0.4244	0.1509	89	0.19	0%	0
005.00	Ash, 2h @ 600°C (%)	2150	10.86	0.2700	10.77	0.4244	0.1509	89	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	10.89	0.0000	10.77	0.4244	0.1509	89	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	10.90	0.2700	10.77	0.4244	0.1509	89	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	10.90	0.0700	10.77	0.4244	0.1509	89	0.30	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	10.90	0.0000	10.77	0.4244	0.1509	89	0.31	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	10.93	0.0600	10.77	0.4244	0.1509	89	0.38	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	10.95	0.5100	10.77	0.4244	0.1509	89	0.42	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	10.95	0.1000	10.77	0.4244	0.1509	89	0.43	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	10.96	0.1000	10.77	0.4244	0.1509	89	0.45	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	10.97	0.2915	10.77	0.4244	0.1509	89	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	10.99	0.1400	10.77	0.4244	0.1509	89	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0033	11.00	0.0000	10.77	0.4244	0.1509	89	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0353	11.00	0.3000	10.77	0.4244	0.1509	89	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	11.02	0.1700	10.77	0.4244	0.1509	89	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	11.02	0.1000	10.77	0.4244	0.1509	89	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	11.03	0.0900	10.77	0.4244	0.1509	89	0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	11.03	0.1910	10.77	0.4244	0.1509	89	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	11.04	0.0380	10.77	0.4244	0.1509	89	0.65	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2006	11.05	0.0300	10.77	0.4244	0.1509	89	0.65	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	11.05	0.1000	10.77	0.4244	0.1509	89	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	11.07	0.1100	10.77	0.4244	0.1509	89	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0144	11.07	0.2700	10.77	0.4244	0.1509	89	0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2188	11.07	0.0000	10.77	0.4244	0.1509	89	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	11.09	0.1800	10.77	0.4244	0.1509	89	0.76	1%	0
005.00	Ash, 2h @ 600°C (%)	0083	11.10	0.2000	10.77	0.4244	0.1509	89	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	11.10	0.0000	10.77	0.4244	0.1509	89	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	2097	11.11	0.1896	10.77	0.4244	0.1509	89	0.80	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	11.12	0.0500	10.77	0.4244	0.1509	89	0.82	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	11.14	0.0000	10.77	0.4244	0.1509	89	0.88	2%	0
005.00	Ash, 2h @ 600°C (%)	0968	11.15	0.1000	10.77	0.4244	0.1509	89	0.90	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	11.16	0.1100	10.77	0.4244	0.1509	89	0.91	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	11.19	0.0200	10.77	0.4244	0.1509	89	1.00	2%	0
005.00	Ash, 2h @ 600°C (%)	0618	11.23	0.2100	10.77	0.4244	0.1509	89	1.08	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	11.31	0.0000	10.77	0.4244	0.1509	89	1.28	3%	0
005.00	Ash, 2h @ 600°C (%)	0242	11.32	0.2000	10.77	0.4244	0.1509	89	1.30	3%	0
005.00	Ash, 2h @ 600°C (%)	0948	11.34	0.0700	10.77	0.4244	0.1509	89	1.34	3%	0
005.00	Ash, 2h @ 600°C (%)	0914	11.41	0.4800	10.77	0.4244	0.1509	89	1.51	3%	0
005.00	Ash, 2h @ 600°C (%)	2076	11.43	0.0559	10.77	0.4244	0.1509	89	1.57	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	11.57	0.0800	10.77	0.4244	0.1509	89	1.89	4%	0
005.00	Ash, 2h @ 600°C (%)	2450	11.63	0.0700	10.77	0.4244	0.1509	89	2.02	4%	0
005.00	Ash, 2h @ 600°C (%)	2089	11.86	0.3100	10.77	0.4244	0.1509	89	2.56	5%	0
005.02	Ash, LECO (%)	0644	11.53	0.1600				1			0
005.03	Ash, Microwave furnace (%)	0511	10.05	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	2246	9.305	0.0500	11.15	0.3946	0.0938	24	-4.69	8%	0
005.05	Ash, 3h @ 550°C (%)	0003	9.960	0.1200	11.15	0.3946	0.0938	24	-3.03	5%	0
005.05	Ash, 3h @ 550°C (%)	0692	10.45	0.1000	11.15	0.3946	0.0938	24	-1.79	3%	0
005.05	Ash, 3h @ 550°C (%)	2345	10.53	0.4100	11.15	0.3946	0.0938	24	-1.60	3%	0
005.05	Ash, 3h @ 550°C (%)	0726	10.71	0.0500	11.15	0.3946	0.0938	24	-1.14	2%	0
005.05	Ash, 3h @ 550°C (%)	0066	10.85	0.1400	11.15	0.3946	0.0938	24	-0.77	1%	0
005.05	Ash, 3h @ 550°C (%)	0263	10.96	0.0250	11.15	0.3946	0.0938	24	-0.48	1%	0
005.05	Ash, 3h @ 550°C (%)	0619	11.05	0.1000	11.15	0.3946	0.0938	24	-0.27	0%	0
005.05	Ash, 3h @ 550°C (%)	0941	11.15	0.1700	11.15	0.3946	0.0938	24	-0.02	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	11.17	0.2200	11.15	0.3946	0.0938	24	0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	2442	11.22	0.0800	11.15	0.3946	0.0938	24	0.17	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	11.25	0.1000	11.15	0.3946	0.0938	24	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	11.27	0.0564	11.15	0.3946	0.0938	24	0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	11.29	0.0500	11.15	0.3946	0.0938	24	0.33	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	11.31	0.0400	11.15	0.3946	0.0938	24	0.39	1%	0
005.05	Ash, 3h @ 550°C (%)	0643	11.37	0.3300	11.15	0.3946	0.0938	24	0.53	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	11.37	0.0400	11.15	0.3946	0.0938	24	0.55	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
005.05	Ash, 3h @ 550°C (%)	0610	11.40	0.0000	11.15	0.3946	0.0938	24	0.62	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	11.45	0.1200	11.15	0.3946	0.0938	24	0.75	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	11.47	0.0300	11.15	0.3946	0.0938	24	0.79	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	11.48	0.1900	11.15	0.3946	0.0938	24	0.81	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	11.52	0.0300	11.15	0.3946	0.0938	24	0.91	2%	0
005.05	Ash, 3h @ 550°C (%)	0889	11.55	0.0300	11.15	0.3946	0.0938	24	0.99	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	11.66	0.0349	11.15	0.3946	0.0938	24	1.28	2%	0
005.11	Ash, NIR (%)	0889	7.345	0.1700				2			0
005.11	Ash, NIR (%)	2389	11.60	0.0000				2			0
005.99	Ash, Miscellaneous (%)	0019	9.700	0.0000	11.04	0.5498	0.1478	9	-2.44	6%	0
005.99	Ash, Miscellaneous (%)	0546	10.28	0.1400	11.04	0.5498	0.1478	9	-1.38	3%	0
005.99	Ash, Miscellaneous (%)	0536	10.98	0.0300	11.04	0.5498	0.1478	9	-0.12	0%	0
005.99	Ash, Miscellaneous (%)	0644	11.04	0.1050	11.04	0.5498	0.1478	9	0.01	0%	0
005.99	Ash, Miscellaneous (%)	0884	11.20	0.2000	11.04	0.5498	0.1478	9	0.29	1%	0
005.99	Ash, Miscellaneous (%)	2319	11.25	0.1000	11.04	0.5498	0.1478	9	0.38	1%	0
005.99	Ash, Miscellaneous (%)	0910	11.40	0.6000	11.04	0.5498	0.1478	9	0.66	2%	0
005.99	Ash, Miscellaneous (%)	0676	11.50	0.1300	11.04	0.5498	0.1478	9	0.83	2%	0
005.99	Ash, Miscellaneous (%)	0202	11.50	0.2000	11.04	0.5498	0.1478	9	0.84	2%	0
006.00	Total Sugars, As sucrose (%)	2192	3.395	0.0500	4.004	0.4693	0.2218	4			0
006.00	Total Sugars, As sucrose (%)	0910	3.900	0.5800	4.004	0.4693	0.2218	4			0
006.00	Total Sugars, As sucrose (%)	2319	4.250	0.1000	4.004	0.4693	0.2218	4			0
006.00	Total Sugars, As sucrose (%)	0407	4.472	0.1570	4.004	0.4693	0.2218	4			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	5.170	0.3800				1			0
006.03	Total Sugars, Invert w/o Invsrn (%)	0941	4.150	0.1200				1			0
006.99	Total Sugars, Miscellaneous (%)	0148	2.325	0.2700	3.976	1.187	0.1838	6	-1.39	21%	0
006.99	Total Sugars, Miscellaneous (%)	0226	3.200	0.0800	3.976	1.187	0.1838	6	-0.65	10%	0
006.99	Total Sugars, Miscellaneous (%)	0674	4.170	0.0000	3.976	1.187	0.1838	6	0.16	2%	0
006.99	Total Sugars, Miscellaneous (%)	0956	4.250	0.1000	3.976	1.187	0.1838	6	0.23	3%	0
006.99	Total Sugars, Miscellaneous (%)	0921	4.719	0.4590	3.976	1.187	0.1838	6	0.63	9%	0
006.99	Total Sugars, Miscellaneous (%)	0610	5.195	0.0100	3.976	1.187	0.1838	6	1.03	15%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	18.28	0.5900	19.92	1.026	0.3116	10	-1.61	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	18.59	0.1700	19.92	1.026	0.3116	10	-1.30	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	19.36	0.0200	19.92	1.026	0.3116	10	-0.55	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	19.80	0.0000	19.92	1.026	0.3116	10	-0.12	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	20.05	0.7000	19.92	1.026	0.3116	10	0.12	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	20.08	0.2900	19.92	1.026	0.3116	10	0.15	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	20.60	0.4000	19.92	1.026	0.3116	10	0.66	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	20.66	0.1200	19.92	1.026	0.3116	10	0.72	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	20.67	0.3900	19.92	1.026	0.3116	10	0.72	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	21.06	0.1240	19.92	1.026	0.3116	10	1.11	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	16.45	0.0100	19.47	1.480	0.2289	41	-2.05	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	16.65	0.0500	19.47	1.480	0.2289	41	-1.91	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	16.81	0.4800	19.47	1.480	0.2289	41	-1.80	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0723	17.22	0.1000	19.47	1.480	0.2289	41	-1.52	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	17.45	1.030	19.47	1.480	0.2289	41	-1.37	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	17.47	0.0767	19.47	1.480	0.2289	41	-1.35	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	17.72	0.1200	19.47	1.480	0.2289	41	-1.19	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	18.05	0.1000	19.47	1.480	0.2289	41	-0.96	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	18.13	0.3500	19.47	1.480	0.2289	41	-0.91	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	18.30	0.4000	19.47	1.480	0.2289	41	-0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	18.53	0.0500	19.47	1.480	0.2289	41	-0.64	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	18.58	0.0920	19.47	1.480	0.2289	41	-0.60	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0948	18.75	0.3800	19.47	1.480	0.2289	41	-0.49	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	18.78	0.5300	19.47	1.480	0.2289	41	-0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	19.13	0.0200	19.47	1.480	0.2289	41	-0.23	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	19.15	0.3000	19.47	1.480	0.2289	41	-0.22	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.37	0.0300	19.47	1.480	0.2289	41	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	19.43	0.3000	19.47	1.480	0.2289	41	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	19.64	0.0000	19.47	1.480	0.2289	41	0.11	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	19.79	0.3800	19.47	1.480	0.2289	41	0.21	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	19.88	1.560	19.47	1.480	0.2289	41	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	19.92	0.1800	19.47	1.480	0.2289	41	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	20.05	0.0100	19.47	1.480	0.2289	41	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	20.06	0.1280	19.47	1.480	0.2289	41	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	20.06	0.2200	19.47	1.480	0.2289	41	0.40	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	20.17	0.1400	19.47	1.480	0.2289	41	0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	20.18	0.4800	19.47	1.480	0.2289	41	0.48	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	20.25	0.1000	19.47	1.480	0.2289	41	0.52	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	20.30	0.6000	19.47	1.480	0.2289	41	0.56	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	20.39	0.1400	19.47	1.480	0.2289	41	0.62	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	20.42	0.0980	19.47	1.480	0.2289	41	0.64	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	20.57	0.0000	19.47	1.480	0.2289	41	0.74	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	20.59	0.5100	19.47	1.480	0.2289	41	0.75	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	20.60	0.0500	19.47	1.480	0.2289	41	0.76	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	20.65	0.0500	19.47	1.480	0.2289	41	0.79	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	20.70	0.4600	19.47	1.480	0.2289	41	0.83	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	20.93	0.0200	19.47	1.480	0.2289	41	0.98	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	20.95	0.0900	19.47	1.480	0.2289	41	0.99	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	21.15	0.1000	19.47	1.480	0.2289	41	1.13	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	23.52	1.120	19.47	1.480	0.2289	41	2.73	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	24.59	0.1500	19.47	1.480	0.2289	41	3.45	13%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	19.25	2.900	19.47	1.480	0.2289	41	-0.15	1%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	35.58	0.1000	19.47	1.480	0.2289	41	10.89	41%	2
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	18.44	0.2970				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	18.75	0.5000				2			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	33.45	0.3000	37.27	1.978	0.5084	11	-1.93	5%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	35.54	0.6500	37.27	1.978	0.5084	11	-0.88	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	35.75	0.9000	37.27	1.978	0.5084	11	-0.77	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	35.75	0.2400	37.27	1.978	0.5084	11	-0.77	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	37.30	0.8000	37.27	1.978	0.5084	11	0.02	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	37.49	0.0000	37.27	1.978	0.5084	11	0.11	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	38.00	0.4220	37.27	1.978	0.5084	11	0.37	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	38.20	0.2000	37.27	1.978	0.5084	11	0.47	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	38.32	0.3700	37.27	1.978	0.5084	11	0.53	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	39.60	1.200	37.27	1.978	0.5084	11	1.18	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	39.73	0.1500	37.27	1.978	0.5084	11	1.24	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	32.87	0.0700	35.74	1.078	0.4164	38	-2.67	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	33.08	0.1700	35.74	1.078	0.4164	38	-2.47	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	34.48	0.1200	35.74	1.078	0.4164	38	-1.17	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	34.70	0.2500	35.74	1.078	0.4164	38	-0.97	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	34.80	0.0000	35.74	1.078	0.4164	38	-0.87	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	34.82	0.4000	35.74	1.078	0.4164	38	-0.86	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0723	34.88	0.2800	35.74	1.078	0.4164	38	-0.80	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	34.90	1.000	35.74	1.078	0.4164	38	-0.78	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	34.92	0.3200	35.74	1.078	0.4164	38	-0.76	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	34.99	1.980	35.74	1.078	0.4164	38	-0.70	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	35.00	0.0750	35.74	1.078	0.4164	38	-0.69	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	35.00	0.1600	35.74	1.078	0.4164	38	-0.69	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	35.09	0.2806	35.74	1.078	0.4164	38	-0.60	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2375	35.11	0.1100	35.74	1.078	0.4164	38	-0.59	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	35.14	1.090	35.74	1.078	0.4164	38	-0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	35.25	0.1500	35.74	1.078	0.4164	38	-0.46	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	35.48	0.3500	35.74	1.078	0.4164	38	-0.25	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	35.50	0.7379	35.74	1.078	0.4164	38	-0.23	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	35.51	1.319	35.74	1.078	0.4164	38	-0.22	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	35.58	0.0510	35.74	1.078	0.4164	38	-0.15	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	35.77	0.0000	35.74	1.078	0.4164	38	0.03	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	36.00	1.200	35.74	1.078	0.4164	38	0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	36.01	0.2500	35.74	1.078	0.4164	38	0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	36.05	0.0700	35.74	1.078	0.4164	38	0.28	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	36.12	0.6200	35.74	1.078	0.4164	38	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	36.16	0.8700	35.74	1.078	0.4164	38	0.38	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	36.34	0.5200	35.74	1.078	0.4164	38	0.56	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	36.49	0.0300	35.74	1.078	0.4164	38	0.69	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0366	36.50	0.2000	35.74	1.078	0.4164	38	0.70	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	36.52	0.0700	35.74	1.078	0.4164	38	0.72	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0948	36.72	0.4300	35.74	1.078	0.4164	38	0.90	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	36.73	0.0300	35.74	1.078	0.4164	38	0.91	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	36.73	0.0300	35.74	1.078	0.4164	38	0.91	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2345	37.29	1.350	35.74	1.078	0.4164	38	1.43	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	37.35	0.6800	35.74	1.078	0.4164	38	1.49	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0164	37.60	0.2000	35.74	1.078	0.4164	38	1.72	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	37.69	0.9200	35.74	1.078	0.4164	38	1.81	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0619	39.70	0.4000	35.74	1.078	0.4164	38	3.67	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	34.05	5.500	35.74	1.078	0.4164	38	-1.57	2%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	17.77	0.1800	35.74	1.078	0.4164	38	-16.68	25%	2
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	34.21	0.0600				1			0
010.03	Moisture, Karl-Fischer (%)	0164	8.490	0.0600				2			0
010.03	Moisture, Karl-Fischer (%)	0843	8.985	0.2900				2			0
010.11	Moisture, NIR (%)	0889	8.975	0.0300				1			0
010.99	Moisture, Miscellaneous (%)	2443	6.586	0.2280	8.265	0.4659	0.0569	15	-3.60	10%	0
010.99	Moisture, Miscellaneous (%)	2363	7.550	0.1000	8.265	0.4659	0.0569	15	-1.53	4%	0
010.99	Moisture, Miscellaneous (%)	0546	7.800	0.0400	8.265	0.4659	0.0569	15	-1.00	3%	0
010.99	Moisture, Miscellaneous (%)	0622	7.871	0.0302	8.265	0.4659	0.0569	15	-0.85	2%	0
010.99	Moisture, Miscellaneous (%)	0948	8.225	0.0100	8.265	0.4659	0.0569	15	-0.09	0%	0
010.99	Moisture, Miscellaneous (%)	2375	8.230	0.0200	8.265	0.4659	0.0569	15	-0.07	0%	0
010.99	Moisture, Miscellaneous (%)	0726	8.270	0.0200	8.265	0.4659	0.0569	15	0.01	0%	0
010.99	Moisture, Miscellaneous (%)	0939	8.305	0.0300	8.265	0.4659	0.0569	15	0.09	0%	0
010.99	Moisture, Miscellaneous (%)	0692	8.400	0.0000	8.265	0.4659	0.0569	15	0.29	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.400	0.0000	8.265	0.4659	0.0569	15	0.29	1%	0
010.99	Moisture, Miscellaneous (%)	2129	8.415	0.0400	8.265	0.4659	0.0569	15	0.32	1%	0
010.99	Moisture, Miscellaneous (%)	2089	8.585	0.0500	8.265	0.4659	0.0569	15	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0019	8.650	0.1600	8.265	0.4659	0.0569	15	0.83	2%	0
010.99	Moisture, Miscellaneous (%)	2150	8.725	0.0900	8.265	0.4659	0.0569	15	0.99	3%	0
010.99	Moisture, Miscellaneous (%)	0190	9.060	0.0600	8.265	0.4659	0.0569	15	1.71	5%	0
010.99	Moisture, Miscellaneous (%)	2076	8.540	0.4000	8.265	0.4659	0.0569	15	0.59	2%	1
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.750	0.1000	9.151	0.3317	0.0937	65	-4.22	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	7.900	0.4000	9.151	0.3317	0.0937	65	-3.77	7%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2450	7.965	0.1700	9.151	0.3317	0.0937	65	-3.57	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	8.000	0.6000	9.151	0.3317	0.0937	65	-3.47	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	8.165	0.0900	9.151	0.3317	0.0937	65	-2.97	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	8.300	0.0400	9.151	0.3317	0.0937	65	-2.56	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	8.481	0.0290	9.151	0.3317	0.0937	65	-2.02	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2174	8.735	0.5500	9.151	0.3317	0.0937	65	-1.25	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	8.820	0.0600	9.151	0.3317	0.0937	65	-1.00	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	8.830	0.1000	9.151	0.3317	0.0937	65	-0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2322	8.830	0.0000	9.151	0.3317	0.0937	65	-0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	8.875	0.0100	9.151	0.3317	0.0937	65	-0.83	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	8.880	0.0000	9.151	0.3317	0.0937	65	-0.82	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	8.885	0.0900	9.151	0.3317	0.0937	65	-0.80	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	8.914	0.0700	9.151	0.3317	0.0937	65	-0.71	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0425	8.920	0.0400	9.151	0.3317	0.0937	65	-0.70	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	8.935	0.0700	9.151	0.3317	0.0937	65	-0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	8.940	0.0600	9.151	0.3317	0.0937	65	-0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0723	8.940	0.0600	9.151	0.3317	0.0937	65	-0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	8.958	0.0850	9.151	0.3317	0.0937	65	-0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	8.990	0.1200	9.151	0.3317	0.0937	65	-0.48	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.000	0.0000	9.151	0.3317	0.0937	65	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.010	0.0000	9.151	0.3317	0.0937	65	-0.42	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	9.030	0.0400	9.151	0.3317	0.0937	65	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	9.035	0.3500	9.151	0.3317	0.0937	65	-0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	9.095	0.0100	9.151	0.3317	0.0937	65	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	9.095	0.0500	9.151	0.3317	0.0937	65	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	9.100	0.0000	9.151	0.3317	0.0937	65	-0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	9.120	0.0000	9.151	0.3317	0.0937	65	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	9.120	0.0800	9.151	0.3317	0.0937	65	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	9.125	0.0100	9.151	0.3317	0.0937	65	-0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	9.130	0.0400	9.151	0.3317	0.0937	65	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	9.130	0.0000	9.151	0.3317	0.0937	65	-0.06	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	9.165	0.3100	9.151	0.3317	0.0937	65	0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	9.185	0.0300	9.151	0.3317	0.0937	65	0.10	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	9.195	0.0300	9.151	0.3317	0.0937	65	0.13	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	9.225	0.1700	9.151	0.3317	0.0937	65	0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	9.235	0.3500	9.151	0.3317	0.0937	65	0.25	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	9.245	0.0500	9.151	0.3317	0.0937	65	0.28	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	9.260	0.1000	9.151	0.3317	0.0937	65	0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	9.280	0.2000	9.151	0.3317	0.0937	65	0.39	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	9.290	0.0600	9.151	0.3317	0.0937	65	0.42	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	9.295	0.1300	9.151	0.3317	0.0937	65	0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	9.308	0.0920	9.151	0.3317	0.0937	65	0.47	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	9.315	0.1100	9.151	0.3317	0.0937	65	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	9.355	0.0700	9.151	0.3317	0.0937	65	0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2006	9.355	0.0100	9.151	0.3317	0.0937	65	0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	9.360	0.0400	9.151	0.3317	0.0937	65	0.63	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	9.370	0.0000	9.151	0.3317	0.0937	65	0.66	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	9.394	0.1328	9.151	0.3317	0.0937	65	0.73	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.395	0.0100	9.151	0.3317	0.0937	65	0.74	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2097	9.406	0.0485	9.151	0.3317	0.0937	65	0.77	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	9.415	0.1500	9.151	0.3317	0.0937	65	0.80	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	9.461	0.2220	9.151	0.3317	0.0937	65	0.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	9.475	0.0900	9.151	0.3317	0.0937	65	0.98	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	9.478	0.0860	9.151	0.3317	0.0937	65	0.99	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	9.505	0.3900	9.151	0.3317	0.0937	65	1.07	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2057	9.524	0.0937	9.151	0.3317	0.0937	65	1.12	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	9.570	0.0600	9.151	0.3317	0.0937	65	1.26	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	9.580	0.0200	9.151	0.3317	0.0937	65	1.29	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	9.600	0.0000	9.151	0.3317	0.0937	65	1.35	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	9.615	0.0300	9.151	0.3317	0.0937	65	1.40	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	9.625	0.2300	9.151	0.3317	0.0937	65	1.43	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	9.886	0.0141	9.151	0.3317	0.0937	65	2.22	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	11.07	0.1500	9.151	0.3317	0.0937	65	5.77	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	8.155	2.490	9.151	0.3317	0.0937	65	-3.00	5%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	9.000	0.0600				2			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	9.215	0.0500				2			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2174	8.600	0.2800				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	8.895	0.0300				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	8.990	0.1290				3			0
012.00	Starch, Polarimetric (Ewers) (%)	2196	13.30	0.0000	16.07	0.5897	0.2099	15	-4.70	9%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	14.85	0.1000	16.07	0.5897	0.2099	15	-2.08	4%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	15.24	0.0100	16.07	0.5897	0.2099	15	-1.42	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2009	15.88	0.2158	16.07	0.5897	0.2099	15	-0.32	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	15.91	0.1500	16.07	0.5897	0.2099	15	-0.29	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	15.95	0.5000	16.07	0.5897	0.2099	15	-0.21	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0848	16.02	0.0900	16.07	0.5897	0.2099	15	-0.10	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	16.23	0.0400	16.07	0.5897	0.2099	15	0.26	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	16.30	0.4000	16.07	0.5897	0.2099	15	0.38	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	16.40	0.6300	16.07	0.5897	0.2099	15	0.54	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	16.43	0.0200	16.07	0.5897	0.2099	15	0.60	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	16.45	0.1000	16.07	0.5897	0.2099	15	0.64	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0723	16.64	0.2800	16.07	0.5897	0.2099	15	0.96	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0910	16.65	0.3000	16.07	0.5897	0.2099	15	0.98	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	16.66	0.2500	16.07	0.5897	0.2099	15	0.98	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	14.03	0.3600	14.71	0.5308	0.4743	11	-1.29	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	14.36	0.2629	14.71	0.5308	0.4743	11	-0.66	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0910	14.40	1.600	14.71	0.5308	0.4743	11	-0.59	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	14.40	0.4000	14.71	0.5308	0.4743	11	-0.59	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	14.40	0.2000	14.71	0.5308	0.4743	11	-0.59	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	14.64	0.2783	14.71	0.5308	0.4743	11	-0.15	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	14.65	0.7000	14.71	0.5308	0.4743	11	-0.12	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	15.00	0.2000	14.71	0.5308	0.4743	11	0.54	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	15.05	0.7700	14.71	0.5308	0.4743	11	0.63	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	15.40	0.9410	14.71	0.5308	0.4743	11	1.30	2%	0

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			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	17.86	0.0700	14.71	0.5308	0.4743	11	5.92	11%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0941	12.75	0.0000				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	13.94	0.4640				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	14.25	0.1000	14.87	0.5899	0.3762	6	-1.05	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	14.43	0.3810	14.87	0.5899	0.3762	6	-0.74	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	14.80	0.2000	14.87	0.5899	0.3762	6	-0.11	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	14.86	0.4000	14.87	0.5899	0.3762	6	-0.01	0%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	15.16	0.0000	14.87	0.5899	0.3762	6	0.50	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	15.70	0.8000	14.87	0.5899	0.3762	6	1.41	3%	0
012.11	Starch, NIR (%)	0889	16.97	0.1200				1			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	15.72	0.3200				1			0
012.99	Starch, Miscellaneous (%)	2319	16.10	0.2000				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	2.870	0.0200	3.971	0.5521	0.1603	17	-1.99	14%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	3.450	0.0400	3.971	0.5521	0.1603	17	-0.94	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2144	3.480	0.1000	3.971	0.5521	0.1603	17	-0.89	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0650	3.550	0.3200	3.971	0.5521	0.1603	17	-0.76	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	3.564	0.0009	3.971	0.5521	0.1603	17	-0.74	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	3.655	0.1500	3.971	0.5521	0.1603	17	-0.57	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	3.725	0.1700	3.971	0.5521	0.1603	17	-0.44	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	3.800	0.2000	3.971	0.5521	0.1603	17	-0.31	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	3.900	0.2000	3.971	0.5521	0.1603	17	-0.13	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	3.975	0.0700	3.971	0.5521	0.1603	17	0.01	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	4.100	0.0800	3.971	0.5521	0.1603	17	0.23	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	4.250	0.1000	3.971	0.5521	0.1603	17	0.51	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	4.400	0.0800	3.971	0.5521	0.1603	17	0.78	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	4.500	0.3400	3.971	0.5521	0.1603	17	0.96	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	4.540	0.5600	3.971	0.5521	0.1603	17	1.03	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	4.670	0.5000	3.971	0.5521	0.1603	17	1.27	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	4.800	0.1200	3.971	0.5521	0.1603	17	1.50	10%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	3.265	0.2100	4.358	0.7329	0.0780	12	-1.49	13%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	3.440	0.0200	4.358	0.7329	0.0780	12	-1.25	11%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	3.600	0.0000	4.358	0.7329	0.0780	12	-1.03	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	4.140	0.0000	4.358	0.7329	0.0780	12	-0.30	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	4.242	0.1122	4.358	0.7329	0.0780	12	-0.16	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0164	4.525	0.1500	4.358	0.7329	0.0780	12	0.23	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	4.535	0.0900	4.358	0.7329	0.0780	12	0.24	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	4.550	0.1000	4.358	0.7329	0.0780	12	0.26	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	4.697	0.0460	4.358	0.7329	0.0780	12	0.46	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	4.960	0.0400	4.358	0.7329	0.0780	12	0.82	7%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	5.080	0.0260	4.358	0.7329	0.0780	12	0.98	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	5.268	0.0250	4.358	0.7329	0.0780	12	1.24	10%	0
013.08	Fat, Pretreat, Roese-Gottlieb Modified, Alkaline	0618	1.655	0.0100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
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013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	3.435	0.0300	3.941	0.2081	0.1061	6	-2.43	6%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	3.880	0.0000	3.941	0.2081	0.1061	6	-0.29	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.910	0.0600	3.941	0.2081	0.1061	6	-0.15	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.010	0.0400	3.941	0.2081	0.1061	6	0.33	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.058	0.1407	3.941	0.2081	0.1061	6	0.56	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.160	0.2600	3.941	0.2081	0.1061	6	1.05	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	3.599	0.0955	4.494	0.8475	0.0940	9	-1.06	10%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0009	3.690	0.2000	4.494	0.8475	0.0940	9	-0.95	9%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0675	3.695	0.0100	4.494	0.8475	0.0940	9	-0.94	9%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.330	0.0800	4.494	0.8475	0.0940	9	-0.19	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.410	0.0400	4.494	0.8475	0.0940	9	-0.10	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.844	0.0026	4.494	0.8475	0.0940	9	0.41	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2057	4.901	0.1476	4.494	0.8475	0.0940	9	0.48	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0876	5.280	0.0400	4.494	0.8475	0.0940	9	0.93	9%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.695	0.2300	4.494	0.8475	0.0940	9	1.42	13%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0171	22.80	1.000	92.32	47.77	2.911	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	99.13	6.790	92.32	47.77	2.911	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	123.5	3.000	92.32	47.77	2.911	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	123.8	0.8528	92.32	47.77	2.911	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	37.50	3.000				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	44.95	0.1000				3			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	63.88	3.930				3			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	86.50	1.000	127.6	27.60	3.142	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0169	124.5	1.000	127.6	27.60	3.142	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0407	124.7	3.138	127.6	27.60	3.142	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0876	140.1	2.570	127.6	27.60	3.142	5			0
015.43	Aluminum, ICP, Microwave (ppm)	0353	162.0	8.000	127.6	27.60	3.142	5			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	127.0	6.000				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	129.5	4.966				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	64.10	1.000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0358	5.270	0.0000	5.845	0.8201	0.5287	5			0
017.41	Boron, ICP, Dry ash (ppm)	0229	5.330	0.7200	5.845	0.8201	0.5287	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	5.440	1.300	5.845	0.8201	0.5287	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	5.955	0.0747	5.845	0.8201	0.5287	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	7.230	0.0200	5.845	0.8201	0.5287	5			0
017.42	Boron, ICP, Open vessel (ppm)	0693	5.141	0.2820	5.666	0.4406	0.2744	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	5.320	0.4000	5.666	0.4406	0.2744	5			0
017.42	Boron, ICP, Open vessel (ppm)	0037	5.750	0.3000	5.666	0.4406	0.2744	5			0
017.42	Boron, ICP, Open vessel (ppm)	0294	5.880	0.1800	5.666	0.4406	0.2744	5			0
017.42	Boron, ICP, Open vessel (ppm)	2129	6.239	0.2100	5.666	0.4406	0.2744	5			0
017.43	Boron, ICP, Microwave (ppm)	0407	5.971	0.1168				3			0
017.43	Boron, ICP, Microwave (ppm)	0353	6.000	0.0000				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	Rob R-bar	# Labs			
017.43	Boron, ICP, Microwave (ppm)	0083	6.650	0.1000				3			0
017.43	Boron, ICP, Microwave (ppm)	0510	6.500	1.000				3			1
017.53	Boron, ICP-MS, Microwave (ppm)	0407	5.693	0.1470				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2450	2.160	0.1600	2.263	0.0926	0.0679	6	-1.11	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	2.173	0.0460	2.263	0.0926	0.0679	6	-0.97	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2144	2.265	0.0100	2.263	0.0926	0.0679	6	0.02	0%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	2.289	0.0037	2.263	0.0926	0.0679	6	0.29	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2146	2.330	0.1200	2.263	0.0926	0.0679	6	0.73	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	2.360	0.0000	2.263	0.0926	0.0679	6	1.05	2%	0
019.08	Calcium, EDTA (%)	2200	2.210	0.0600	2.297	0.0936	0.0305	12	-0.93	2%	0
019.08	Calcium, EDTA (%)	2337	2.215	0.0100	2.297	0.0936	0.0305	12	-0.88	2%	0
019.08	Calcium, EDTA (%)	0590	2.220	0.0600	2.297	0.0936	0.0305	12	-0.83	2%	0
019.08	Calcium, EDTA (%)	2195	2.220	0.0200	2.297	0.0936	0.0305	12	-0.83	2%	0
019.08	Calcium, EDTA (%)	2193	2.240	0.0000	2.297	0.0936	0.0305	12	-0.61	1%	0
019.08	Calcium, EDTA (%)	2340	2.251	0.0360	2.297	0.0936	0.0305	12	-0.50	1%	0
019.08	Calcium, EDTA (%)	2199	2.320	0.0000	2.297	0.0936	0.0305	12	0.24	0%	0
019.08	Calcium, EDTA (%)	2196	2.330	0.0000	2.297	0.0936	0.0305	12	0.35	1%	0
019.08	Calcium, EDTA (%)	2009	2.336	0.0077	2.297	0.0936	0.0305	12	0.41	1%	0
019.08	Calcium, EDTA (%)	2188	2.370	0.0000	2.297	0.0936	0.0305	12	0.77	2%	0
019.08	Calcium, EDTA (%)	2434	2.420	0.0000	2.297	0.0936	0.0305	12	1.31	3%	0
019.08	Calcium, EDTA (%)	0689	2.580	0.0200	2.297	0.0936	0.0305	12	3.02	6%	0
019.09	Calcium, Ion-selective electrode (%)	2006	2.161	0.0490				1			0
019.31	Calcium, AAS, Dry ash (%)	0018	1.890	0.0200	2.245	0.0602	0.0752	19	-5.90	8%	0
019.31	Calcium, AAS, Dry ash (%)	0038	2.155	0.0300	2.245	0.0602	0.0752	19	-1.50	2%	0
019.31	Calcium, AAS, Dry ash (%)	0536	2.200	0.0000	2.245	0.0602	0.0752	19	-0.75	1%	0
019.31	Calcium, AAS, Dry ash (%)	0687	2.200	0.2000	2.245	0.0602	0.0752	19	-0.75	1%	0
019.31	Calcium, AAS, Dry ash (%)	0921	2.203	0.1240	2.245	0.0602	0.0752	19	-0.70	1%	0
019.31	Calcium, AAS, Dry ash (%)	0014	2.215	0.1500	2.245	0.0602	0.0752	19	-0.50	1%	0
019.31	Calcium, AAS, Dry ash (%)	0646	2.225	0.0300	2.245	0.0602	0.0752	19	-0.34	0%	0
019.31	Calcium, AAS, Dry ash (%)	2097	2.236	0.1534	2.245	0.0602	0.0752	19	-0.15	0%	0
019.31	Calcium, AAS, Dry ash (%)	2022	2.240	0.0000	2.245	0.0602	0.0752	19	-0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	2246	2.240	0.0000	2.245	0.0602	0.0752	19	-0.09	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	2.241	0.1585	2.245	0.0602	0.0752	19	-0.07	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	2.249	0.0444	2.245	0.0602	0.0752	19	0.06	0%	0
019.31	Calcium, AAS, Dry ash (%)	0884	2.250	0.0800	2.245	0.0602	0.0752	19	0.08	0%	0
019.31	Calcium, AAS, Dry ash (%)	0939	2.265	0.0300	2.245	0.0602	0.0752	19	0.33	0%	0
019.31	Calcium, AAS, Dry ash (%)	0108	2.300	0.0200	2.245	0.0602	0.0752	19	0.91	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	2.310	0.0310	2.245	0.0602	0.0752	19	1.07	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	2.310	0.0600	2.245	0.0602	0.0752	19	1.08	1%	0
019.31	Calcium, AAS, Dry ash (%)	0948	2.330	0.0200	2.245	0.0602	0.0752	19	1.41	2%	0
019.31	Calcium, AAS, Dry ash (%)	2196	2.350	0.0000	2.245	0.0602	0.0752	19	1.74	2%	0
019.32	Calcium, AAS, Open vessel (%)	0169	2.325	0.0100				1			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0358	2.035	0.0100	2.282	0.1197	0.0346	21	-2.06	5%	0
019.41	Calcium, ICP, Dry ash (%)	0723	2.143	0.0268	2.282	0.1197	0.0346	21	-1.16	3%	0
019.41	Calcium, ICP, Dry ash (%)	2259	2.151	0.0310	2.282	0.1197	0.0346	21	-1.10	3%	0
019.41	Calcium, ICP, Dry ash (%)	0066	2.155	0.0500	2.282	0.1197	0.0346	21	-1.06	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	2.180	0.0200	2.282	0.1197	0.0346	21	-0.85	2%	0
019.41	Calcium, ICP, Dry ash (%)	0354	2.213	0.0140	2.282	0.1197	0.0346	21	-0.58	2%	0
019.41	Calcium, ICP, Dry ash (%)	2114	2.223	0.0277	2.282	0.1197	0.0346	21	-0.49	1%	0
019.41	Calcium, ICP, Dry ash (%)	0004	2.235	0.0100	2.282	0.1197	0.0346	21	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	2.240	0.0200	2.282	0.1197	0.0346	21	-0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0098	2.265	0.1100	2.282	0.1197	0.0346	21	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0910	2.285	0.0300	2.282	0.1197	0.0346	21	0.03	0%	0
019.41	Calcium, ICP, Dry ash (%)	0598	2.289	0.0126	2.282	0.1197	0.0346	21	0.06	0%	0
019.41	Calcium, ICP, Dry ash (%)	0407	2.318	0.0094	2.282	0.1197	0.0346	21	0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	2.320	0.0000	2.282	0.1197	0.0346	21	0.32	1%	0
019.41	Calcium, ICP, Dry ash (%)	0019	2.345	0.0300	2.282	0.1197	0.0346	21	0.53	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	2.355	0.1700	2.282	0.1197	0.0346	21	0.61	2%	0
019.41	Calcium, ICP, Dry ash (%)	0229	2.360	0.0000	2.282	0.1197	0.0346	21	0.65	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	2.395	0.0500	2.282	0.1197	0.0346	21	0.94	2%	0
019.41	Calcium, ICP, Dry ash (%)	0171	2.430	0.0200	2.282	0.1197	0.0346	21	1.24	3%	0
019.41	Calcium, ICP, Dry ash (%)	0226	2.455	0.0700	2.282	0.1197	0.0346	21	1.45	4%	0
019.41	Calcium, ICP, Dry ash (%)	0848	2.490	0.1600	2.282	0.1197	0.0346	21	1.74	5%	0
019.42	Calcium, ICP, Open vessel (%)	2129	2.053	0.0490	2.328	0.1713	0.0591	17	-1.61	6%	0
019.42	Calcium, ICP, Open vessel (%)	0357	2.102	0.1047	2.328	0.1713	0.0591	17	-1.32	5%	0
019.42	Calcium, ICP, Open vessel (%)	0263	2.171	0.0220	2.328	0.1713	0.0591	17	-0.92	3%	0
019.42	Calcium, ICP, Open vessel (%)	0186	2.220	0.0482	2.328	0.1713	0.0591	17	-0.63	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	2.225	0.0700	2.328	0.1713	0.0591	17	-0.60	2%	0
019.42	Calcium, ICP, Open vessel (%)	0692	2.250	0.0400	2.328	0.1713	0.0591	17	-0.46	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	2.260	0.0670	2.328	0.1713	0.0591	17	-0.40	1%	0
019.42	Calcium, ICP, Open vessel (%)	0045	2.300	0.0400	2.328	0.1713	0.0591	17	-0.16	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	2.315	0.1500	2.328	0.1713	0.0591	17	-0.08	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	2.375	0.0700	2.328	0.1713	0.0591	17	0.27	1%	0
019.42	Calcium, ICP, Open vessel (%)	0037	2.386	0.0280	2.328	0.1713	0.0591	17	0.34	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	2.395	0.0300	2.328	0.1713	0.0591	17	0.39	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	2.415	0.0300	2.328	0.1713	0.0591	17	0.51	2%	0
019.42	Calcium, ICP, Open vessel (%)	0366	2.420	0.1800	2.328	0.1713	0.0591	17	0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	2.505	0.1530	2.328	0.1713	0.0591	17	1.03	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.615	0.0100	2.328	0.1713	0.0591	17	1.67	6%	0
019.42	Calcium, ICP, Open vessel (%)	2375	2.775	0.0100	2.328	0.1713	0.0591	17	2.61	10%	0
019.42	Calcium, ICP, Open vessel (%)	0009	2.405	0.3407	2.328	0.1713	0.0591	17	0.45	2%	1
019.43	Calcium, ICP, Microwave (%)	2443	1.419	0.0350	2.307	0.1061	0.0388	23	-8.37	19%	0
019.43	Calcium, ICP, Microwave (%)	0033	2.160	0.0400	2.307	0.1061	0.0388	23	-1.38	3%	0
019.43	Calcium, ICP, Microwave (%)	0300	2.164	0.1508	2.307	0.1061	0.0388	23	-1.35	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	2192	2.215	0.0100	2.307	0.1061	0.0388	23	-0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	0083	2.230	0.0400	2.307	0.1061	0.0388	23	-0.72	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	2.250	0.0400	2.307	0.1061	0.0388	23	-0.53	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	2.255	0.0100	2.307	0.1061	0.0388	23	-0.49	1%	0
019.43	Calcium, ICP, Microwave (%)	0511	2.260	0.0200	2.307	0.1061	0.0388	23	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	2.265	0.0700	2.307	0.1061	0.0388	23	-0.39	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	2.270	0.0600	2.307	0.1061	0.0388	23	-0.35	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	2.281	0.0639	2.307	0.1061	0.0388	23	-0.24	1%	0
019.43	Calcium, ICP, Microwave (%)	0353	2.310	0.0200	2.307	0.1061	0.0388	23	0.03	0%	0
019.43	Calcium, ICP, Microwave (%)	0226	2.320	0.0400	2.307	0.1061	0.0388	23	0.13	0%	0
019.43	Calcium, ICP, Microwave (%)	0610	2.340	0.0800	2.307	0.1061	0.0388	23	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0682	2.340	0.0000	2.307	0.1061	0.0388	23	0.31	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	2.345	0.0100	2.307	0.1061	0.0388	23	0.36	1%	0
019.43	Calcium, ICP, Microwave (%)	0870	2.370	0.0590	2.307	0.1061	0.0388	23	0.59	1%	0
019.43	Calcium, ICP, Microwave (%)	0098	2.370	0.0200	2.307	0.1061	0.0388	23	0.60	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	2.380	0.0200	2.307	0.1061	0.0388	23	0.69	2%	0
019.43	Calcium, ICP, Microwave (%)	0968	2.384	0.0300	2.307	0.1061	0.0388	23	0.73	2%	0
019.43	Calcium, ICP, Microwave (%)	0407	2.544	0.0122	2.307	0.1061	0.0388	23	2.24	5%	0
019.43	Calcium, ICP, Microwave (%)	2322	2.605	0.0100	2.307	0.1061	0.0388	23	2.81	6%	0
019.43	Calcium, ICP, Microwave (%)	0876	2.750	0.1000	2.307	0.1061	0.0388	23	4.18	10%	0
019.43	Calcium, ICP, Microwave (%)	0202	2.485	0.2700	2.307	0.1061	0.0388	23	1.68	4%	1
019.44	Calcium, ICP, Dry ash (%)	0164	2.155	0.0100				2			0
019.44	Calcium, ICP, Dry ash (%)	2445	2.255	0.0500				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	2.360	0.1200				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	2.130	0.0600				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	2.280	0.0062				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	2.365	0.1006				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	2.360	0.0400				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	2.481	0.0163				2			0
019.99	Calcium, Miscellaneous (%)	0123	2.110	0.0000	2.188	0.0791	0.0550	6	-0.99	2%	0
019.99	Calcium, Miscellaneous (%)	0889	2.120	0.0200	2.188	0.0791	0.0550	6	-0.86	2%	0
019.99	Calcium, Miscellaneous (%)	0676	2.150	0.0000	2.188	0.0791	0.0550	6	-0.48	1%	0
019.99	Calcium, Miscellaneous (%)	0242	2.230	0.1000	2.188	0.0791	0.0550	6	0.53	1%	0
019.99	Calcium, Miscellaneous (%)	0100	2.255	0.0900	2.188	0.0791	0.0550	6	0.84	2%	0
019.99	Calcium, Miscellaneous (%)	2144	2.265	0.0100	2.188	0.0791	0.0550	6	0.97	2%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	1.140	0.0600				1			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	0.6125	0.0090	1.432	0.4808	0.0233	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	1.480	0.0400	1.432	0.4808	0.0233	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	1.525	0.0031	1.432	0.4808	0.0233	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	1.700	0.0000	1.432	0.4808	0.0233	5			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	1.845	0.0410	1.432	0.4808	0.0233	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	1.300	0.4000				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
021.42	Cobalt, ICP, Open vessel (ppm)	0045	1.310	0.0800				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0510	1.035	0.0100	1.724	0.7475	0.0740	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0682	1.400	0.0000	1.724	0.7475	0.0740	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0027	1.537	0.0600	1.724	0.7475	0.0740	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0407	1.654	0.0960	1.724	0.7475	0.0740	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0169	2.995	0.1300	1.724	0.7475	0.0740	5			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	0.7250	0.0900				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	0.7823	0.0312				3			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	1.045	0.1100				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	1.340	0.0477				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	1.345	0.0300				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	1.480	0.1000				3			0
021.99	Cobalt, Miscellaneous (ppm)	0123	1.310	0.0200				1			0
022.31	Copper, AAS, Dry ash (ppm)	0536	5.675	0.6500	19.47	3.366	0.9137	12	-4.10	35%	0
022.31	Copper, AAS, Dry ash (ppm)	2195	16.17	0.4900	19.47	3.366	0.9137	12	-0.98	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0921	17.62	3.070	19.47	3.366	0.9137	12	-0.55	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	18.31	1.000	19.47	3.366	0.9137	12	-0.34	3%	0
022.31	Copper, AAS, Dry ash (ppm)	2188	18.79	0.2600	19.47	3.366	0.9137	12	-0.20	2%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	19.00	0.8000	19.47	3.366	0.9137	12	-0.14	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	19.19	0.5400	19.47	3.366	0.9137	12	-0.08	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	19.29	0.0000	19.47	3.366	0.9137	12	-0.05	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	19.72	0.7758	19.47	3.366	0.9137	12	0.08	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	23.10	1.260	19.47	3.366	0.9137	12	1.08	9%	0
022.31	Copper, AAS, Dry ash (ppm)	2097	23.50	3.000	19.47	3.366	0.9137	12	1.20	10%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	31.40	0.8000	19.47	3.366	0.9137	12	3.54	31%	0
022.32	Copper, AAS, Open vessel (ppm)	0038	16.70	1.400				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	19.43	0.0200				2			0
022.33	Copper, AAS, Microwave (ppm)	0010	26.35	0.9000				2			0
022.41	Copper, ICP, Dry ash (ppm)	0171	3.215	0.9700	18.61	3.766	1.103	18	-4.09	41%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	14.80	2.200	18.61	3.766	1.103	18	-1.01	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	14.96	0.3000	18.61	3.766	1.103	18	-0.97	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0354	15.95	0.0100	18.61	3.766	1.103	18	-0.71	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	16.25	1.410	18.61	3.766	1.103	18	-0.63	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	16.34	0.2900	18.61	3.766	1.103	18	-0.60	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	16.41	0.2700	18.61	3.766	1.103	18	-0.59	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	17.18	0.4300	18.61	3.766	1.103	18	-0.38	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	17.21	0.9525	18.61	3.766	1.103	18	-0.37	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	18.20	0.0000	18.61	3.766	1.103	18	-0.11	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	20.06	3.200	18.61	3.766	1.103	18	0.38	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0723	20.29	2.945	18.61	3.766	1.103	18	0.44	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	21.02	0.3600	18.61	3.766	1.103	18	0.64	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	21.16	1.050	18.61	3.766	1.103	18	0.67	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
022.41	Copper, ICP, Dry ash (ppm)	0407	21.48	0.8546	18.61	3.766	1.103	18	0.76	8%	0
022.41	Copper, ICP, Dry ash (ppm)	2114	23.03	0.8570	18.61	3.766	1.103	18	1.17	12%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	23.50	1.000	18.61	3.766	1.103	18	1.30	13%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	25.79	3.080	18.61	3.766	1.103	18	1.91	19%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	21.40	6.000	25.82	2.801	1.380	19	-1.58	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	22.79	0.3270	25.82	2.801	1.380	19	-1.08	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	22.90	1.040	25.82	2.801	1.380	19	-1.04	6%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	23.32	1.930	25.82	2.801	1.380	19	-0.89	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	23.50	1.000	25.82	2.801	1.380	19	-0.83	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	23.95	0.4800	25.82	2.801	1.380	19	-0.67	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	24.00	0.6000	25.82	2.801	1.380	19	-0.65	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	24.33	0.1000	25.82	2.801	1.380	19	-0.53	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	24.92	1.530	25.82	2.801	1.380	19	-0.32	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	25.55	1.700	25.82	2.801	1.380	19	-0.10	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	27.00	4.000	25.82	2.801	1.380	19	0.42	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	27.85	5.300	25.82	2.801	1.380	19	0.73	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	28.00	2.000	25.82	2.801	1.380	19	0.78	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	28.09	1.310	25.82	2.801	1.380	19	0.81	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0037	28.20	1.400	25.82	2.801	1.380	19	0.85	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	28.44	0.8300	25.82	2.801	1.380	19	0.93	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	28.45	1.100	25.82	2.801	1.380	19	0.94	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	28.64	0.1440	25.82	2.801	1.380	19	1.01	5%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	29.00	2.000	25.82	2.801	1.380	19	1.14	6%	0
022.43	Copper, ICP, Microwave (ppm)	0202	23.50	0.2000	25.38	1.218	0.5266	23	-1.55	4%	0
022.43	Copper, ICP, Microwave (ppm)	0407	23.85	0.2699	25.38	1.218	0.5266	23	-1.26	3%	0
022.43	Copper, ICP, Microwave (ppm)	0083	23.95	0.1000	25.38	1.218	0.5266	23	-1.18	3%	0
022.43	Copper, ICP, Microwave (ppm)	0511	24.00	0.0000	25.38	1.218	0.5266	23	-1.14	3%	0
022.43	Copper, ICP, Microwave (ppm)	0682	24.00	0.0000	25.38	1.218	0.5266	23	-1.14	3%	0
022.43	Copper, ICP, Microwave (ppm)	2322	24.38	0.6600	25.38	1.218	0.5266	23	-0.82	2%	0
022.43	Copper, ICP, Microwave (ppm)	0226	24.57	0.1400	25.38	1.218	0.5266	23	-0.67	2%	0
022.43	Copper, ICP, Microwave (ppm)	0848	25.24	0.1800	25.38	1.218	0.5266	23	-0.12	0%	0
022.43	Copper, ICP, Microwave (ppm)	2192	25.25	0.5000	25.38	1.218	0.5266	23	-0.11	0%	0
022.43	Copper, ICP, Microwave (ppm)	2445	25.40	0.1900	25.38	1.218	0.5266	23	0.01	0%	0
022.43	Copper, ICP, Microwave (ppm)	0098	25.49	0.3000	25.38	1.218	0.5266	23	0.09	0%	0
022.43	Copper, ICP, Microwave (ppm)	0353	25.50	1.000	25.38	1.218	0.5266	23	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0510	25.50	1.000	25.38	1.218	0.5266	23	0.10	0%	0
022.43	Copper, ICP, Microwave (ppm)	0505	25.63	0.0500	25.38	1.218	0.5266	23	0.20	0%	0
022.43	Copper, ICP, Microwave (ppm)	2089	25.70	1.570	25.38	1.218	0.5266	23	0.26	1%	0
022.43	Copper, ICP, Microwave (ppm)	0870	25.72	0.8600	25.38	1.218	0.5266	23	0.28	1%	0
022.43	Copper, ICP, Microwave (ppm)	0675	25.81	0.2700	25.38	1.218	0.5266	23	0.35	1%	0
022.43	Copper, ICP, Microwave (ppm)	0610	26.00	2.100	25.38	1.218	0.5266	23	0.51	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	26.50	1.000	25.38	1.218	0.5266	23	0.92	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
022.43	Copper, ICP, Microwave (ppm)	0027	26.59	0.2270	25.38	1.218	0.5266	23	0.99	2%	0
022.43	Copper, ICP, Microwave (ppm)	0033	26.95	1.100	25.38	1.218	0.5266	23	1.29	3%	0
022.43	Copper, ICP, Microwave (ppm)	0968	27.04	0.1420	25.38	1.218	0.5266	23	1.36	3%	0
022.43	Copper, ICP, Microwave (ppm)	0169	27.60	0.4000	25.38	1.218	0.5266	23	1.82	4%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	22.00	0.0000				2			0
022.44	Copper, ICP, Dry ash (ppm)	0066	23.72	0.9100				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	23.31	0.0100				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	28.85	0.3000				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	22.84	1.020				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	24.00	0.1672				2			0
022.99	Copper, Miscellaneous (ppm)	0590	16.20	0.8000	23.03	5.491	0.8000	4			0
022.99	Copper, Miscellaneous (ppm)	0242	22.00	0.0000	23.03	5.491	0.8000	4			0
022.99	Copper, Miscellaneous (ppm)	0100	24.50	1.000	23.03	5.491	0.8000	4			0
022.99	Copper, Miscellaneous (ppm)	0123	29.40	0.6000	23.03	5.491	0.8000	4			0
025.31	Iron, AAS, Dry ash (ppm)	0536	0.1600	0.0000	282.6	45.11	8.778	12	-6.26	50%	0
025.31	Iron, AAS, Dry ash (ppm)	0689	187.6	0.6000	282.6	45.11	8.778	12	-2.11	17%	0
025.31	Iron, AAS, Dry ash (ppm)	0921	248.8	33.86	282.6	45.11	8.778	12	-0.75	6%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	272.1	1.600	282.6	45.11	8.778	12	-0.23	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	289.6	6.274	282.6	45.11	8.778	12	0.15	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	291.1	0.0000	282.6	45.11	8.778	12	0.19	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	292.9	15.19	282.6	45.11	8.778	12	0.23	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2097	293.5	9.000	282.6	45.11	8.778	12	0.24	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	299.1	1.200	282.6	45.11	8.778	12	0.37	3%	0
025.31	Iron, AAS, Dry ash (ppm)	2195	305.8	3.720	282.6	45.11	8.778	12	0.51	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	318.7	18.60	282.6	45.11	8.778	12	0.80	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	350.0	10.00	282.6	45.11	8.778	12	1.49	12%	0
025.33	Iron, AAS, Microwave (ppm)	0948	278.5	4.720				1			0
025.41	Iron, ICP, Dry ash (ppm)	0171	62.55	2.900	288.9	23.93	3.588	18	-9.46	39%	0
025.41	Iron, ICP, Dry ash (ppm)	0354	239.2	2.120	288.9	23.93	3.588	18	-2.08	9%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	245.2	5.630	288.9	23.93	3.588	18	-1.83	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	272.5	5.000	288.9	23.93	3.588	18	-0.69	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	277.6	6.620	288.9	23.93	3.588	18	-0.47	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	281.1	0.0000	288.9	23.93	3.588	18	-0.33	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	286.0	0.7236	288.9	23.93	3.588	18	-0.12	0%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	288.3	1.700	288.9	23.93	3.588	18	-0.03	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	291.5	1.000	288.9	23.93	3.588	18	0.11	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	294.1	0.9200	288.9	23.93	3.588	18	0.22	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	295.6	0.3300	288.9	23.93	3.588	18	0.28	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	296.5	3.000	288.9	23.93	3.588	18	0.32	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	297.5	13.10	288.9	23.93	3.588	18	0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	297.5	2.040	288.9	23.93	3.588	18	0.36	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	311.8	0.3000	288.9	23.93	3.588	18	0.96	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
025.41	Iron, ICP, Dry ash (ppm)	0723	312.0	8.940	288.9	23.93	3.588	18	0.97	4%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	319.2	2.210	288.9	23.93	3.588	18	1.27	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	320.2	9.000	288.9	23.93	3.588	18	1.31	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	313.4	23.60	288.9	23.93	3.588	18	1.02	4%	1
025.42	Iron, ICP, Open vessel (ppm)	0037	164.3	46.10	280.8	42.56	9.889	18	-2.74	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	218.5	10.43	280.8	42.56	9.889	18	-1.46	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	220.0	24.00	280.8	42.56	9.889	18	-1.43	11%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	229.1	9.700	280.8	42.56	9.889	18	-1.22	9%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	272.7	1.680	280.8	42.56	9.889	18	-0.19	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	275.0	40.00	280.8	42.56	9.889	18	-0.14	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	277.6	0.2480	280.8	42.56	9.889	18	-0.08	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	280.0	4.000	280.8	42.56	9.889	18	-0.02	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	281.0	2.000	280.8	42.56	9.889	18	0.00	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	290.5	11.00	280.8	42.56	9.889	18	0.23	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	292.1	8.573	280.8	42.56	9.889	18	0.26	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	294.1	1.600	280.8	42.56	9.889	18	0.31	2%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	300.9	0.6000	280.8	42.56	9.889	18	0.47	4%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	304.0	2.000	280.8	42.56	9.889	18	0.54	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	318.4	1.200	280.8	42.56	9.889	18	0.88	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	324.5	23.00	280.8	42.56	9.889	18	1.03	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	328.0	2.000	280.8	42.56	9.889	18	1.11	8%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	332.0	22.00	280.8	42.56	9.889	18	1.20	9%	0
025.43	Iron, ICP, Microwave (ppm)	2322	187.7	1.600	305.3	24.97	6.642	19	-4.71	19%	0
025.43	Iron, ICP, Microwave (ppm)	0083	271.7	10.79	305.3	24.97	6.642	19	-1.35	6%	0
025.43	Iron, ICP, Microwave (ppm)	0226	274.4	6.720	305.3	24.97	6.642	19	-1.24	5%	0
025.43	Iron, ICP, Microwave (ppm)	0876	279.0	16.39	305.3	24.97	6.642	19	-1.05	4%	0
025.43	Iron, ICP, Microwave (ppm)	0511	284.0	10.00	305.3	24.97	6.642	19	-0.85	3%	0
025.43	Iron, ICP, Microwave (ppm)	2089	295.3	9.660	305.3	24.97	6.642	19	-0.40	2%	0
025.43	Iron, ICP, Microwave (ppm)	0169	300.5	1.000	305.3	24.97	6.642	19	-0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	307.3	10.50	305.3	24.97	6.642	19	0.08	0%	0
025.43	Iron, ICP, Microwave (ppm)	2192	308.5	1.000	305.3	24.97	6.642	19	0.13	1%	0
025.43	Iron, ICP, Microwave (ppm)	0675	309.6	0.1300	305.3	24.97	6.642	19	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0098	309.8	9.600	305.3	24.97	6.642	19	0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	310.5	1.000	305.3	24.97	6.642	19	0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0682	313.9	0.0000	305.3	24.97	6.642	19	0.34	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	316.9	12.20	305.3	24.97	6.642	19	0.46	2%	0
025.43	Iron, ICP, Microwave (ppm)	0505	318.2	14.20	305.3	24.97	6.642	19	0.52	2%	0
025.43	Iron, ICP, Microwave (ppm)	0353	323.5	7.000	305.3	24.97	6.642	19	0.73	3%	0
025.43	Iron, ICP, Microwave (ppm)	0407	324.8	2.195	305.3	24.97	6.642	19	0.78	3%	0
025.43	Iron, ICP, Microwave (ppm)	0968	345.1	3.800	305.3	24.97	6.642	19	1.59	7%	0
025.43	Iron, ICP, Microwave (ppm)	0035	347.5	3.000	305.3	24.97	6.642	19	1.69	7%	0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	297.4	18.60				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	Rob R-bar	# Labs			
025.53	Iron, ICP-MS, Microwave (ppm)	0407	292.4	14.02				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	293.0	6.000				2			0
025.99	Iron, Miscellaneous (ppm)	0100	291.5	3.000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	295.5	3.000				3			0
025.99	Iron, Miscellaneous (ppm)	0123	310.5	11.00				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3140	0.0060	0.3354	0.0147	0.0062	7	-1.46	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.3269	0.0066	0.3354	0.0147	0.0062	7	-0.58	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3350	0.0100	0.3354	0.0147	0.0062	7	-0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2022	0.3350	0.0020	0.3354	0.0147	0.0062	7	-0.03	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.3400	0.0000	0.3354	0.0147	0.0062	7	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3400	0.0000	0.3354	0.0147	0.0062	7	0.31	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.3610	0.0000	0.3354	0.0147	0.0062	7	1.75	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0014	0.3290	0.0300	0.3354	0.0147	0.0062	7	-0.43	1%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3250	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.3820	0.0180				1			0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.2932	0.0048	0.3252	0.0145	0.0074	16	-2.21	5%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.3100	0.0200	0.3252	0.0145	0.0074	16	-1.05	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3100	0.0200	0.3252	0.0145	0.0074	16	-1.05	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0354	0.3110	0.0020	0.3252	0.0145	0.0074	16	-0.98	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.3160	0.0080	0.3252	0.0145	0.0074	16	-0.64	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.3200	0.0000	0.3252	0.0145	0.0074	16	-0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.3200	0.0000	0.3252	0.0145	0.0074	16	-0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3250	0.0100	0.3252	0.0145	0.0074	16	-0.02	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3300	0.0000	0.3252	0.0145	0.0074	16	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	2114	0.3301	0.0033	0.3252	0.0145	0.0074	16	0.33	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.3315	0.0030	0.3252	0.0145	0.0074	16	0.43	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.3350	0.0024	0.3252	0.0145	0.0074	16	0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3350	0.0100	0.3252	0.0145	0.0074	16	0.68	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3395	0.0050	0.3252	0.0145	0.0074	16	0.99	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.3400	0.0000	0.3252	0.0145	0.0074	16	1.02	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.3500	0.0000	0.3252	0.0145	0.0074	16	1.71	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.0695	0.0010	0.3252	0.0145	0.0074	16	-17.65	39%	2
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3057	0.0069	0.3435	0.0211	0.0112	19	-1.79	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3243	0.0088	0.3435	0.0211	0.0112	19	-0.91	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3265	0.0030	0.3435	0.0211	0.0112	19	-0.80	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3265	0.0010	0.3435	0.0211	0.0112	19	-0.80	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.3300	0.0400	0.3435	0.0211	0.0112	19	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3300	0.0000	0.3435	0.0211	0.0112	19	-0.64	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.3304	0.0091	0.3435	0.0211	0.0112	19	-0.62	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.3350	0.0300	0.3435	0.0211	0.0112	19	-0.40	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.3400	0.0000	0.3435	0.0211	0.0112	19	-0.17	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.3400	0.0000	0.3435	0.0211	0.0112	19	-0.17	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
027.42	Magnesium, ICP, Open vessel (%)	0357	0.3421	0.0010	0.3435	0.0211	0.0112	19	-0.07	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.3437	0.0119	0.3435	0.0211	0.0112	19	0.01	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.3505	0.0110	0.3435	0.0211	0.0112	19	0.33	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.3515	0.0170	0.3435	0.0211	0.0112	19	0.38	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.3550	0.0080	0.3435	0.0211	0.0112	19	0.54	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.3640	0.0400	0.3435	0.0211	0.0112	19	0.97	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.3750	0.0100	0.3435	0.0211	0.0112	19	1.49	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.3850	0.0100	0.3435	0.0211	0.0112	19	1.96	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.3850	0.0100	0.3435	0.0211	0.0112	19	1.96	6%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3060	0.0020	0.3351	0.0220	0.0121	21	-1.32	4%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.3100	0.0000	0.3351	0.0220	0.0121	21	-1.14	4%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.3150	0.0100	0.3351	0.0220	0.0121	21	-0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	2445	0.3150	0.0100	0.3351	0.0220	0.0121	21	-0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.3200	0.0000	0.3351	0.0220	0.0121	21	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3200	0.0200	0.3351	0.0220	0.0121	21	-0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.3240	0.0005	0.3351	0.0220	0.0121	21	-0.50	2%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3250	0.0100	0.3351	0.0220	0.0121	21	-0.46	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.3251	0.0209	0.3351	0.0220	0.0121	21	-0.45	1%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.3300	0.0000	0.3351	0.0220	0.0121	21	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.3300	0.0200	0.3351	0.0220	0.0121	21	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3300	0.0000	0.3351	0.0220	0.0121	21	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.3300	0.0000	0.3351	0.0220	0.0121	21	-0.23	1%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.3500	0.0000	0.3351	0.0220	0.0121	21	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.3500	0.0200	0.3351	0.0220	0.0121	21	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3500	0.0000	0.3351	0.0220	0.0121	21	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.3500	0.0000	0.3351	0.0220	0.0121	21	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0033	0.3550	0.0100	0.3351	0.0220	0.0121	21	0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.3650	0.0100	0.3351	0.0220	0.0121	21	1.36	4%	0
027.43	Magnesium, ICP, Microwave (%)	2322	0.3700	0.0000	0.3351	0.0220	0.0121	21	1.59	5%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.4000	0.0000	0.3351	0.0220	0.0121	21	2.95	10%	0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.3305	0.0010				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.2950	0.0100				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.3052	0.0009				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.3271	0.0139				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3300	0.0000				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3472	0.0093				2			0
027.99	Magnesium, Miscellaneous (%)	0123	0.3250	0.0100	0.3363	0.0085	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.3350	0.0100	0.3363	0.0085	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	2144	0.3400	0.0000	0.3363	0.0085	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3450	0.0100	0.3363	0.0085	0.0100	4			0
027.99	Magnesium, Miscellaneous (%)	0889	0.2500	0.0000	0.3363	0.0085	0.0100	4			2
028.31	Manganese, AAS, Dry ash (ppm)	0536	120.1	2.500	136.2	9.673	4.949	12	-1.67	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (ppm)	2188	123.5	0.0300	136.2	9.673	4.949	12	-1.31	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2097	128.0	4.000	136.2	9.673	4.949	12	-0.84	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	134.0	0.0000	136.2	9.673	4.949	12	-0.23	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	134.5	11.30	136.2	9.673	4.949	12	-0.18	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	137.6	1.000	136.2	9.673	4.949	12	0.15	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	137.8	3.960	136.2	9.673	4.949	12	0.16	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2195	139.4	2.740	136.2	9.673	4.949	12	0.34	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0921	140.4	5.830	136.2	9.673	4.949	12	0.43	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	141.1	7.200	136.2	9.673	4.949	12	0.51	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	145.5	19.80	136.2	9.673	4.949	12	0.96	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	154.8	4.600	136.2	9.673	4.949	12	1.93	7%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	155.5	13.00				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	144.0	1.550				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0171	26.75	0.5000	131.7	10.20	2.344	16	-10.28	40%	0
028.41	Manganese, ICP, Dry ash (ppm)	0354	100.4	3.880	131.7	10.20	2.344	16	-3.06	12%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	121.8	0.1000	131.7	10.20	2.344	16	-0.97	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0723	122.9	4.493	131.7	10.20	2.344	16	-0.86	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	125.5	1.000	131.7	10.20	2.344	16	-0.60	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	127.2	0.0000	131.7	10.20	2.344	16	-0.44	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	130.8	1.810	131.7	10.20	2.344	16	-0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	131.0	1.381	131.7	10.20	2.344	16	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	136.9	0.7092	131.7	10.20	2.344	16	0.51	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	137.0	1.890	131.7	10.20	2.344	16	0.52	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	137.9	10.20	131.7	10.20	2.344	16	0.61	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	138.3	1.400	131.7	10.20	2.344	16	0.65	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	2114	138.9	4.480	131.7	10.20	2.344	16	0.71	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	140.4	1.270	131.7	10.20	2.344	16	0.86	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	142.0	4.000	131.7	10.20	2.344	16	1.01	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	143.4	3.050	131.7	10.20	2.344	16	1.15	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	142.3	14.40	131.7	10.20	2.344	16	1.04	4%	1
028.42	Manganese, ICP, Open vessel (ppm)	0504	127.7	7.100	149.1	15.14	5.280	19	-1.42	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	130.9	2.134	149.1	15.14	5.280	19	-1.20	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	132.1	7.100	149.1	15.14	5.280	19	-1.13	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	135.0	1.000	149.1	15.14	5.280	19	-0.93	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	139.3	3.060	149.1	15.14	5.280	19	-0.65	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	139.5	9.000	149.1	15.14	5.280	19	-0.63	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	146.0	8.000	149.1	15.14	5.280	19	-0.20	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	146.0	14.00	149.1	15.14	5.280	19	-0.20	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	146.5	11.00	149.1	15.14	5.280	19	-0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	148.0	4.000	149.1	15.14	5.280	19	-0.07	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	149.0	6.000	149.1	15.14	5.280	19	-0.01	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	149.3	2.375	149.1	15.14	5.280	19	0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (ppm)	0278	151.5	1.000	149.1	15.14	5.280	19	0.16	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	159.5	7.000	149.1	15.14	5.280	19	0.69	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	162.6	0.8600	149.1	15.14	5.280	19	0.89	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	162.7	0.5000	149.1	15.14	5.280	19	0.90	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	164.2	5.200	149.1	15.14	5.280	19	1.00	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	171.5	3.000	149.1	15.14	5.280	19	1.48	8%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	171.6	10.51	149.1	15.14	5.280	19	1.48	8%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	133.2	5.200	147.7	10.45	3.047	21	-1.38	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	133.4	1.600	147.7	10.45	3.047	21	-1.37	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	133.5	3.000	147.7	10.45	3.047	21	-1.36	5%	0
028.43	Manganese, ICP, Microwave (ppm)	2322	136.0	1.420	147.7	10.45	3.047	21	-1.11	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0033	140.5	5.000	147.7	10.45	3.047	21	-0.69	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	143.0	6.000	147.7	10.45	3.047	21	-0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	144.0	4.000	147.7	10.45	3.047	21	-0.35	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	145.6	1.030	147.7	10.45	3.047	21	-0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	146.4	1.090	147.7	10.45	3.047	21	-0.12	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	147.3	0.5000	147.7	10.45	3.047	21	-0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	147.5	3.000	147.7	10.45	3.047	21	-0.02	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	147.6	2.136	147.7	10.45	3.047	21	0.00	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	147.7	1.930	147.7	10.45	3.047	21	0.00	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	150.0	11.00	147.7	10.45	3.047	21	0.22	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	152.3	0.0000	147.7	10.45	3.047	21	0.45	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	153.5	1.000	147.7	10.45	3.047	21	0.56	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	154.5	7.000	147.7	10.45	3.047	21	0.65	2%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	159.8	1.560	147.7	10.45	3.047	21	1.16	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	159.8	0.3959	147.7	10.45	3.047	21	1.16	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	162.1	1.440	147.7	10.45	3.047	21	1.38	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	165.0	6.762	147.7	10.45	3.047	21	1.66	6%	0
028.44	Manganese, ICP, Dry ash (ppm)	0066	112.4	3.660				2			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	132.5	5.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	141.5	1.000				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	194.6	8.990				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	142.0	10.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	148.2	3.443				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	155.0	20.00				3			0
028.99	Manganese, Miscellaneous (ppm)	0590	134.0	10.00	143.6	9.286	5.750	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	137.5	1.000	143.6	9.286	5.750	4			0
028.99	Manganese, Miscellaneous (ppm)	0100	150.0	8.000	143.6	9.286	5.750	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	153.0	4.000	143.6	9.286	5.750	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0038	0.0000				1			0
031.01	Phosphorus, Photometric (%)	0018	0.5240	0.0140	0.6720	0.0246	0.0118	33	-6.01	11%	0
031.01	Phosphorus, Photometric (%)	0108	0.5300	0.0200	0.6720	0.0246	0.0118	33	-5.76	11%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	2199	0.6300	0.0200	0.6720	0.0246	0.0118	33	-1.70	3%	0
031.01	Phosphorus, Photometric (%)	2246	0.6300	0.0000	0.6720	0.0246	0.0118	33	-1.70	3%	0
031.01	Phosphorus, Photometric (%)	0622	0.6493	0.0133	0.6720	0.0246	0.0118	33	-0.92	2%	0
031.01	Phosphorus, Photometric (%)	2144	0.6500	0.0000	0.6720	0.0246	0.0118	33	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	2195	0.6500	0.0000	0.6720	0.0246	0.0118	33	-0.89	2%	0
031.01	Phosphorus, Photometric (%)	0038	0.6505	0.0170	0.6720	0.0246	0.0118	33	-0.87	2%	0
031.01	Phosphorus, Photometric (%)	2006	0.6560	0.0020	0.6720	0.0246	0.0118	33	-0.65	1%	0
031.01	Phosphorus, Photometric (%)	2434	0.6600	0.0000	0.6720	0.0246	0.0118	33	-0.49	1%	0
031.01	Phosphorus, Photometric (%)	0646	0.6650	0.0100	0.6720	0.0246	0.0118	33	-0.28	1%	0
031.01	Phosphorus, Photometric (%)	2097	0.6700	0.0120	0.6720	0.0246	0.0118	33	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	2192	0.6700	0.0200	0.6720	0.0246	0.0118	33	-0.08	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.6733	0.0061	0.6720	0.0246	0.0118	33	0.05	0%	0
031.01	Phosphorus, Photometric (%)	2009	0.6742	0.0015	0.6720	0.0246	0.0118	33	0.09	0%	0
031.01	Phosphorus, Photometric (%)	0689	0.6750	0.0100	0.6720	0.0246	0.0118	33	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0884	0.6750	0.0100	0.6720	0.0246	0.0118	33	0.12	0%	0
031.01	Phosphorus, Photometric (%)	0948	0.6750	0.0100	0.6720	0.0246	0.0118	33	0.12	0%	0
031.01	Phosphorus, Photometric (%)	2193	0.6750	0.0100	0.6720	0.0246	0.0118	33	0.12	0%	0
031.01	Phosphorus, Photometric (%)	2453	0.6758	0.0066	0.6720	0.0246	0.0118	33	0.15	0%	0
031.01	Phosphorus, Photometric (%)	2340	0.6760	0.0020	0.6720	0.0246	0.0118	33	0.16	0%	0
031.01	Phosphorus, Photometric (%)	0590	0.6800	0.0200	0.6720	0.0246	0.0118	33	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.6800	0.0200	0.6720	0.0246	0.0118	33	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0939	0.6800	0.0200	0.6720	0.0246	0.0118	33	0.32	1%	0
031.01	Phosphorus, Photometric (%)	0529	0.6800	0.0000	0.6720	0.0246	0.0118	33	0.32	1%	0
031.01	Phosphorus, Photometric (%)	2337	0.6800	0.0000	0.6720	0.0246	0.0118	33	0.32	1%	0
031.01	Phosphorus, Photometric (%)	2190	0.6899	0.0066	0.6720	0.0246	0.0118	33	0.73	1%	0
031.01	Phosphorus, Photometric (%)	2196	0.6900	0.0000	0.6720	0.0246	0.0118	33	0.73	1%	0
031.01	Phosphorus, Photometric (%)	0035	0.7000	0.0000	0.6720	0.0246	0.0118	33	1.14	2%	0
031.01	Phosphorus, Photometric (%)	2302	0.7200	0.0000	0.6720	0.0246	0.0118	33	1.95	4%	0
031.01	Phosphorus, Photometric (%)	2188	0.7300	0.0000	0.6720	0.0246	0.0118	33	2.35	4%	0
031.01	Phosphorus, Photometric (%)	2022	0.7450	0.0100	0.6720	0.0246	0.0118	33	2.96	5%	0
031.01	Phosphorus, Photometric (%)	2450	0.9550	0.0100	0.6720	0.0246	0.0118	33	11.48	21%	0
031.01	Phosphorus, Photometric (%)	2200	0.5500	0.0600	0.6720	0.0246	0.0118	33	-4.95	9%	1
031.03	Phosphorus, Autoanalyzer (%)	0001	0.6709	0.0090				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.6800	0.0400				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.9400	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0354	0.5930	0.0040	0.6806	0.0229	0.0156	19	-3.82	6%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.6200	0.0000	0.6806	0.0229	0.0156	19	-2.64	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.6600	0.0000	0.6806	0.0229	0.0156	19	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.6600	0.0000	0.6806	0.0229	0.0156	19	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.6650	0.0100	0.6806	0.0229	0.0156	19	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.6650	0.0300	0.6806	0.0229	0.0156	19	-0.68	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	0.6685	0.0050	0.6806	0.0229	0.0156	19	-0.53	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
031.41	Phosphorus, ICP, Dry ash (%)	0049	0.6750	0.0300	0.6806	0.0229	0.0156	19	-0.25	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.6780	0.0200	0.6806	0.0229	0.0156	19	-0.12	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.6800	0.0200	0.6806	0.0229	0.0156	19	-0.03	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	0.6850	0.0100	0.6806	0.0229	0.0156	19	0.19	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0723	0.6924	0.0018	0.6806	0.0229	0.0156	19	0.51	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	0.6950	0.0500	0.6806	0.0229	0.0156	19	0.63	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	0.6972	0.0054	0.6806	0.0229	0.0156	19	0.72	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	0.7000	0.0280	0.6806	0.0229	0.0156	19	0.84	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	0.7000	0.0000	0.6806	0.0229	0.0156	19	0.84	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	0.7018	0.0005	0.6806	0.0229	0.0156	19	0.92	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	0.7019	0.0016	0.6806	0.0229	0.0156	19	0.93	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	0.7350	0.0300	0.6806	0.0229	0.0156	19	2.37	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.6300	0.0000	0.6847	0.0310	0.0234	20	-1.76	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.6403	0.0173	0.6847	0.0310	0.0234	20	-1.43	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	0.6550	0.0300	0.6847	0.0310	0.0234	20	-0.96	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	0.6630	0.0100	0.6847	0.0310	0.0234	20	-0.70	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.6645	0.0050	0.6847	0.0310	0.0234	20	-0.65	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.6666	0.0776	0.6847	0.0310	0.0234	20	-0.58	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.6675	0.0150	0.6847	0.0310	0.0234	20	-0.55	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.6730	0.0005	0.6847	0.0310	0.0234	20	-0.38	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	0.6790	0.0360	0.6847	0.0310	0.0234	20	-0.18	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	0.6800	0.0600	0.6847	0.0310	0.0234	20	-0.15	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.6824	0.0060	0.6847	0.0310	0.0234	20	-0.07	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.6860	0.0460	0.6847	0.0310	0.0234	20	0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.6905	0.0090	0.6847	0.0310	0.0234	20	0.19	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.7005	0.0010	0.6847	0.0310	0.0234	20	0.51	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.7049	0.0440	0.6847	0.0310	0.0234	20	0.65	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	0.7100	0.0000	0.6847	0.0310	0.0234	20	0.82	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	0.7150	0.0100	0.6847	0.0310	0.0234	20	0.98	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	0.7150	0.0300	0.6847	0.0310	0.0234	20	0.98	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	0.7350	0.0100	0.6847	0.0310	0.0234	20	1.62	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	0.7800	0.0400	0.6847	0.0310	0.0234	20	3.07	7%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	0.6300	0.0000	0.6765	0.0306	0.0155	24	-1.52	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.6350	0.0100	0.6765	0.0306	0.0155	24	-1.35	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	0.6353	0.0202	0.6765	0.0306	0.0155	24	-1.34	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	0.6365	0.0130	0.6765	0.0306	0.0155	24	-1.30	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	0.6500	0.0200	0.6765	0.0306	0.0155	24	-0.86	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	0.6600	0.0200	0.6765	0.0306	0.0155	24	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	0.6650	0.0100	0.6765	0.0306	0.0155	24	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.6650	0.0300	0.6765	0.0306	0.0155	24	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0033	0.6700	0.0000	0.6765	0.0306	0.0155	24	-0.21	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.6700	0.0000	0.6765	0.0306	0.0155	24	-0.21	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
031.43	Phosphorus, ICP, Microwave (%)	0682	0.6700	0.0000	0.6765	0.0306	0.0155	24	-0.21	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	0.6750	0.0220	0.6765	0.0306	0.0155	24	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.6750	0.0100	0.6765	0.0306	0.0155	24	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	0.6800	0.0040	0.6765	0.0306	0.0155	24	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	2322	0.6850	0.0100	0.6765	0.0306	0.0155	24	0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	0.6900	0.0200	0.6765	0.0306	0.0155	24	0.44	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.6925	0.0030	0.6765	0.0306	0.0155	24	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	0.6929	0.0146	0.6765	0.0306	0.0155	24	0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	0.6950	0.0100	0.6765	0.0306	0.0155	24	0.61	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.6968	0.0318	0.6765	0.0306	0.0155	24	0.66	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	0.7000	0.0000	0.6765	0.0306	0.0155	24	0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	0.7208	0.0218	0.6765	0.0306	0.0155	24	1.45	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	0.7506	0.0091	0.6765	0.0306	0.0155	24	2.42	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	0.7700	0.0200	0.6765	0.0306	0.0155	24	3.05	7%	0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.6672	0.0049				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	0.6840	0.0000				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	0.7000	0.0000				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.6380	0.0220				3			1
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.6500	0.0000				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.6584	0.0089				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	0.6997	0.0468				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	0.6900	0.0200				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.7198	0.0394				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.4800	0.0000	0.6440	0.0988	0.0200	5			0
031.99	Phosphorus, Miscellaneous (%)	0676	0.6450	0.0300	0.6440	0.0988	0.0200	5			0
031.99	Phosphorus, Miscellaneous (%)	0100	0.6700	0.0200	0.6440	0.0988	0.0200	5			0
031.99	Phosphorus, Miscellaneous (%)	0242	0.6800	0.0000	0.6440	0.0988	0.0200	5			0
031.99	Phosphorus, Miscellaneous (%)	0123	0.7450	0.0100	0.6440	0.0988	0.0200	5			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.7150	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7750	0.0100	0.8819	0.0862	0.0173	6	-1.24	6%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.8300	0.0000	0.8819	0.0862	0.0173	6	-0.60	3%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.8440	0.0140	0.8819	0.0862	0.0173	6	-0.44	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.9315	0.0250	0.8819	0.0862	0.0173	6	0.58	3%	0
032.31	Potassium, AAS, Dry ash (%)	0529	0.9510	0.0000	0.8819	0.0862	0.0173	6	0.80	4%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.9600	0.0200	0.8819	0.0862	0.0173	6	0.91	4%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.000	0.0200				1			0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8195	0.0250	0.9169	0.0618	0.0190	16	-1.57	5%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.8350	0.0500	0.9169	0.0618	0.0190	16	-1.32	4%	0
032.41	Potassium, ICP, Dry ash (%)	0354	0.8515	0.0230	0.9169	0.0618	0.0190	16	-1.06	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.8550	0.0100	0.9169	0.0618	0.0190	16	-1.00	3%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.8795	0.0091	0.9169	0.0618	0.0190	16	-0.60	2%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.8950	0.0100	0.9169	0.0618	0.0190	16	-0.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
032.41	Potassium, ICP, Dry ash (%)	0004	0.9050	0.0100	0.9169	0.0618	0.0190	16	-0.19	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.9250	0.0100	0.9169	0.0618	0.0190	16	0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.9300	0.0000	0.9169	0.0618	0.0190	16	0.21	1%	0
032.41	Potassium, ICP, Dry ash (%)	2114	0.9526	0.0157	0.9169	0.0618	0.0190	16	0.58	2%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.9535	0.0270	0.9169	0.0618	0.0190	16	0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0407	0.9613	0.0361	0.9169	0.0618	0.0190	16	0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.9650	0.0300	0.9169	0.0618	0.0190	16	0.78	3%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9675	0.0230	0.9169	0.0618	0.0190	16	0.82	3%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.9750	0.0100	0.9169	0.0618	0.0190	16	0.94	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	0.9950	0.0100	0.9169	0.0618	0.0190	16	1.26	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.9150	0.1100	0.9169	0.0618	0.0190	16	-0.03	0%	1
032.41	Potassium, ICP, Dry ash (%)	0171	0.1700	0.0000	0.9169	0.0618	0.0190	16	-12.08	41%	2
032.42	Potassium, ICP, Open vessel (%)	0692	0.8950	0.0900	0.9996	0.0680	0.0272	18	-1.54	5%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9076	0.0103	0.9996	0.0680	0.0272	18	-1.35	5%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.9255	0.0136	0.9996	0.0680	0.0272	18	-1.09	4%	0
032.42	Potassium, ICP, Open vessel (%)	0186	0.9334	0.0102	0.9996	0.0680	0.0272	18	-0.97	3%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.9620	0.0880	0.9996	0.0680	0.0272	18	-0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.9640	0.0560	0.9996	0.0680	0.0272	18	-0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	0.9800	0.0400	0.9996	0.0680	0.0272	18	-0.29	1%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.005	0.0108	0.9996	0.0680	0.0272	18	0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.010	0.0000	0.9996	0.0680	0.0272	18	0.15	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.010	0.0320	0.9996	0.0680	0.0272	18	0.15	1%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.018	0.0140	0.9996	0.0680	0.0272	18	0.27	1%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.020	0.0200	0.9996	0.0680	0.0272	18	0.30	1%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.025	0.0300	0.9996	0.0680	0.0272	18	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.025	0.0100	0.9996	0.0680	0.0272	18	0.37	1%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.038	0.0260	0.9996	0.0680	0.0272	18	0.57	2%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.068	0.0334	0.9996	0.0680	0.0272	18	1.01	3%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.125	0.0300	0.9996	0.0680	0.0272	18	1.84	6%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.220	0.0200	0.9996	0.0680	0.0272	18	3.24	11%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.055	0.1500	0.9996	0.0680	0.0272	18	0.82	3%	1
032.43	Potassium, ICP, Microwave (%)	0226	0.9300	0.0000	0.9800	0.0351	0.0225	23	-1.43	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	0.9350	0.0100	0.9800	0.0351	0.0225	23	-1.28	2%	0
032.43	Potassium, ICP, Microwave (%)	2445	0.9350	0.0100	0.9800	0.0351	0.0225	23	-1.28	2%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.9400	0.0000	0.9800	0.0351	0.0225	23	-1.14	2%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.9452	0.0115	0.9800	0.0351	0.0225	23	-0.99	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9550	0.0100	0.9800	0.0351	0.0225	23	-0.71	1%	0
032.43	Potassium, ICP, Microwave (%)	0033	0.9650	0.0100	0.9800	0.0351	0.0225	23	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.9650	0.0100	0.9800	0.0351	0.0225	23	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.9719	0.0613	0.9800	0.0351	0.0225	23	-0.23	0%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.9750	0.0500	0.9800	0.0351	0.0225	23	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0675	0.9750	0.0100	0.9800	0.0351	0.0225	23	-0.14	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
032.43	Potassium, ICP, Microwave (%)	0505	0.9850	0.0300	0.9800	0.0351	0.0225	23	0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9900	0.0200	0.9800	0.0351	0.0225	23	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	2322	0.9900	0.0200	0.9800	0.0351	0.0225	23	0.29	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.9930	0.0160	0.9800	0.0351	0.0225	23	0.37	1%	0
032.43	Potassium, ICP, Microwave (%)	0010	0.9950	0.0300	0.9800	0.0351	0.0225	23	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	0.9950	0.0100	0.9800	0.0351	0.0225	23	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0202	0.9950	0.0700	0.9800	0.0351	0.0225	23	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.000	0.0000	0.9800	0.0351	0.0225	23	0.57	1%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.007	0.0016	0.9800	0.0351	0.0225	23	0.77	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.050	0.0400	0.9800	0.0351	0.0225	23	2.00	4%	0
032.43	Potassium, ICP, Microwave (%)	0968	1.137	0.0010	0.9800	0.0351	0.0225	23	4.46	8%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.150	0.1000	0.9800	0.0351	0.0225	23	4.85	9%	0
032.44	Potassium, ICP, Dry ash (%)	0164	0.9480	0.0060				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	0.8460	0.0120				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	0.8981	0.0179				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	0.9450	0.0100				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9850	0.0500				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.023	0.0101				2			0
032.99	Potassium, Miscellaneous (%)	0100	0.9350	0.0100	0.9658	0.0274	0.0117	5			0
032.99	Potassium, Miscellaneous (%)	0123	0.9450	0.0100	0.9658	0.0274	0.0117	5			0
032.99	Potassium, Miscellaneous (%)	0889	0.9700	0.0200	0.9658	0.0274	0.0117	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.9740	0.0083	0.9658	0.0274	0.0117	5			0
032.99	Potassium, Miscellaneous (%)	0242	1.005	0.0100	0.9658	0.0274	0.0117	5			0
033.00	Salt as chloride, Sol Cl (%)	0536	0.6300	0.0400	1.079	0.2521	0.0308	15	-1.78	21%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.7400	0.0200	1.079	0.2521	0.0308	15	-1.35	16%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.7450	0.0500	1.079	0.2521	0.0308	15	-1.33	15%	0
033.00	Salt as chloride, Sol Cl (%)	2450	0.7700	0.0200	1.079	0.2521	0.0308	15	-1.23	14%	0
033.00	Salt as chloride, Sol Cl (%)	2193	1.065	0.0100	1.079	0.2521	0.0308	15	-0.06	1%	0
033.00	Salt as chloride, Sol Cl (%)	0674	1.090	0.0000	1.079	0.2521	0.0308	15	0.04	1%	0
033.00	Salt as chloride, Sol Cl (%)	0675	1.150	0.0200	1.079	0.2521	0.0308	15	0.28	3%	0
033.00	Salt as chloride, Sol Cl (%)	0123	1.200	0.0000	1.079	0.2521	0.0308	15	0.48	6%	0
033.00	Salt as chloride, Sol Cl (%)	2196	1.200	0.0000	1.079	0.2521	0.0308	15	0.48	6%	0
033.00	Salt as chloride, Sol Cl (%)	2337	1.200	0.0000	1.079	0.2521	0.0308	15	0.48	6%	0
033.00	Salt as chloride, Sol Cl (%)	0884	1.225	0.0100	1.079	0.2521	0.0308	15	0.58	7%	0
033.00	Salt as chloride, Sol Cl (%)	2009	1.235	0.0110	1.079	0.2521	0.0308	15	0.62	7%	0
033.00	Salt as chloride, Sol Cl (%)	0045	1.280	0.0800	1.079	0.2521	0.0308	15	0.80	9%	0
033.00	Salt as chloride, Sol Cl (%)	0693	1.287	0.0330	1.079	0.2521	0.0308	15	0.82	10%	0
033.00	Salt as chloride, Sol Cl (%)	0539	1.300	0.0600	1.079	0.2521	0.0308	15	0.88	10%	0
033.01	Salt as chloride, Poten Cl (%)	0619	1.065	0.0300	1.236	0.0257	0.0167	27	-6.64	7%	0
033.01	Salt as chloride, Poten Cl (%)	0229	1.170	0.0200	1.236	0.0257	0.0167	27	-2.55	3%	0
033.01	Salt as chloride, Poten Cl (%)	2190	1.210	0.0096	1.236	0.0257	0.0167	27	-0.98	1%	0
033.01	Salt as chloride, Poten Cl (%)	0083	1.215	0.0100	1.236	0.0257	0.0167	27	-0.80	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
033.01	Salt as chloride, Poten Cl (%)	0164	1.215	0.0100	1.236	0.0257	0.0167	27	-0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0226	1.215	0.0100	1.236	0.0257	0.0167	27	-0.80	1%	0
033.01	Salt as chloride, Poten Cl (%)	0001	1.220	0.0000	1.236	0.0257	0.0167	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0098	1.220	0.0200	1.236	0.0257	0.0167	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0510	1.220	0.0000	1.236	0.0257	0.0167	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0682	1.220	0.0000	1.236	0.0257	0.0167	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	1.220	0.0600	1.236	0.0257	0.0167	27	-0.61	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	1.225	0.0100	1.236	0.0257	0.0167	27	-0.41	0%	0
033.01	Salt as chloride, Poten Cl (%)	2146	1.225	0.0300	1.236	0.0257	0.0167	27	-0.41	0%	0
033.01	Salt as chloride, Poten Cl (%)	0948	1.230	0.0000	1.236	0.0257	0.0167	27	-0.22	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	1.240	0.0000	1.236	0.0257	0.0167	27	0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0590	1.240	0.0000	1.236	0.0257	0.0167	27	0.17	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	1.245	0.0100	1.236	0.0257	0.0167	27	0.37	0%	0
033.01	Salt as chloride, Poten Cl (%)	0407	1.246	0.0110	1.236	0.0257	0.0167	27	0.39	0%	0
033.01	Salt as chloride, Poten Cl (%)	0028	1.255	0.0300	1.236	0.0257	0.0167	27	0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	0278	1.255	0.0100	1.236	0.0257	0.0167	27	0.76	1%	0
033.01	Salt as chloride, Poten Cl (%)	2319	1.257	0.0038	1.236	0.0257	0.0167	27	0.85	1%	0
033.01	Salt as chloride, Poten Cl (%)	0186	1.260	0.0000	1.236	0.0257	0.0167	27	0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0242	1.260	0.0200	1.236	0.0257	0.0167	27	0.95	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	1.264	0.0060	1.236	0.0257	0.0167	27	1.11	1%	0
033.01	Salt as chloride, Poten Cl (%)	2268	1.265	0.0300	1.236	0.0257	0.0167	27	1.15	1%	0
033.01	Salt as chloride, Poten Cl (%)	2375	1.270	0.0200	1.236	0.0257	0.0167	27	1.34	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	1.285	0.0100	1.236	0.0257	0.0167	27	1.92	2%	0
033.01	Salt as chloride, Poten Cl (%)	0003	1.150	0.1000	1.236	0.0257	0.0167	27	-3.33	3%	1
033.03	Salt as chloride, Quantab (%)	0726	0.7200	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0190	1.020	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0144	1.340	0.0000				3			0
033.03	Salt as chloride, Quantab (%)	0505	1.005	0.0100				3			1
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	1.045	0.0100				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	1.068	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	1.215	0.0100				3			0
033.99	Salt, Miscellaneous (%)	0300	0.7199	0.0802	1.095	0.2871	0.0491	7	-1.31	17%	0
033.99	Salt, Miscellaneous (%)	0358	0.7450	0.0500	1.095	0.2871	0.0491	7	-1.22	16%	0
033.99	Salt, Miscellaneous (%)	2181	1.165	0.1300	1.095	0.2871	0.0491	7	0.24	3%	0
033.99	Salt, Miscellaneous (%)	0910	1.185	0.0100	1.095	0.2871	0.0491	7	0.31	4%	0
033.99	Salt, Miscellaneous (%)	0650	1.265	0.0300	1.095	0.2871	0.0491	7	0.59	8%	0
033.99	Salt, Miscellaneous (%)	2129	1.265	0.0285	1.095	0.2871	0.0491	7	0.59	8%	0
033.99	Salt, Miscellaneous (%)	2392	1.320	0.0400	1.095	0.2871	0.0491	7	0.78	10%	0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.6115	0.0290				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.4080	0.0060				2			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.6100	0.0600				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.4855	0.0390				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.5195	0.0450				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.150	0.1000				1			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.5705	0.0590				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	0.6079	0.0040				2			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					2			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	0.3369	0.0168				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.5200	0.0600				3			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.6950	0.1900				3			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.4950	0.0060	0.6021	0.0926	0.0342	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	0.5800	0.0400	0.6021	0.0926	0.0342	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.6147	0.0365	0.6021	0.0926	0.0342	4			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.7188	0.0542	0.6021	0.0926	0.0342	4			0
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.060	0.0000				1			0
035.01	Sodium, Ion-selective electrode (%)	2434	0.3440	0.0000				1			0
035.05	Sodium, Flame Emission (%)	2392	0.3030	0.0140				2			0
035.05	Sodium, Flame Emission (%)	0108	0.3050	0.0100				2			0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2315	0.0150	0.2756	0.0290	0.0089	10	-1.52	8%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.2431	0.0050	0.2756	0.0290	0.0089	10	-1.12	6%	0
035.31	Sodium, AAS, Dry ash (%)	0536	0.2600	0.0000	0.2756	0.0290	0.0089	10	-0.54	3%	0
035.31	Sodium, AAS, Dry ash (%)	0921	0.2675	0.0090	0.2756	0.0290	0.0089	10	-0.28	1%	0
035.31	Sodium, AAS, Dry ash (%)	2022	0.2685	0.0010	0.2756	0.0290	0.0089	10	-0.24	1%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2865	0.0030	0.2756	0.0290	0.0089	10	0.38	2%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2900	0.0000	0.2756	0.0290	0.0089	10	0.50	3%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.3000	0.0000	0.2756	0.0290	0.0089	10	0.84	4%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.3000	0.0000	0.2756	0.0290	0.0089	10	0.84	4%	0
035.31	Sodium, AAS, Dry ash (%)	2097	0.3083	0.0205	0.2756	0.0290	0.0089	10	1.13	6%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.3250	0.0100				1			0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2520	0.0040	0.2980	0.0243	0.0076	20	-1.90	8%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2650	0.0100	0.2980	0.0243	0.0076	20	-1.36	6%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2750	0.0100	0.2980	0.0243	0.0076	20	-0.95	4%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2770	0.0033	0.2980	0.0243	0.0076	20	-0.87	4%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2800	0.0000	0.2980	0.0243	0.0076	20	-0.74	3%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2800	0.0000	0.2980	0.0243	0.0076	20	-0.74	3%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2850	0.0000	0.2980	0.0243	0.0076	20	-0.53	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2900	0.0200	0.2980	0.0243	0.0076	20	-0.33	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2951	0.0040	0.2980	0.0243	0.0076	20	-0.12	0%	0
035.41	Sodium, ICP, Dry ash (%)	0723	0.2958	0.0064	0.2980	0.0243	0.0076	20	-0.09	0%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.3000	0.0000	0.2980	0.0243	0.0076	20	0.08	0%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.3050	0.0100	0.2980	0.0243	0.0076	20	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.3050	0.0100	0.2980	0.0243	0.0076	20	0.29	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.3065	0.0010	0.2980	0.0243	0.0076	20	0.35	1%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.3112	0.0016	0.2980	0.0243	0.0076	20	0.55	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
035.41	Sodium, ICP, Dry ash (%)	0098	0.3150	0.0100	0.2980	0.0243	0.0076	20	0.70	3%	0
035.41	Sodium, ICP, Dry ash (%)	0354	0.3205	0.0010	0.2980	0.0243	0.0076	20	0.93	4%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.3230	0.0100	0.2980	0.0243	0.0076	20	1.03	4%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.3350	0.0100	0.2980	0.0243	0.0076	20	1.53	6%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.3395	0.0150	0.2980	0.0243	0.0076	20	1.71	7%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2900	0.0400	0.2980	0.0243	0.0076	20	-0.33	1%	1
035.42	Sodium, ICP, Open vessel (%)	2129	0.2826	0.0034	0.3034	0.0141	0.0102	17	-1.47	3%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2860	0.0048	0.3034	0.0141	0.0102	17	-1.23	3%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2900	0.0000	0.3034	0.0141	0.0102	17	-0.95	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2925	0.0010	0.3034	0.0141	0.0102	17	-0.77	2%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2950	0.0106	0.3034	0.0141	0.0102	17	-0.59	1%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2965	0.0090	0.3034	0.0141	0.0102	17	-0.49	1%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2970	0.0080	0.3034	0.0141	0.0102	17	-0.45	1%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.3025	0.0030	0.3034	0.0141	0.0102	17	-0.06	0%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.3030	0.0260	0.3034	0.0141	0.0102	17	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.3030	0.0160	0.3034	0.0141	0.0102	17	-0.03	0%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.3075	0.0038	0.3034	0.0141	0.0102	17	0.29	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.3100	0.0200	0.3034	0.0141	0.0102	17	0.47	1%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.3100	0.0200	0.3034	0.0141	0.0102	17	0.47	1%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.3170	0.0000	0.3034	0.0141	0.0102	17	0.97	2%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.3200	0.0000	0.3034	0.0141	0.0102	17	1.18	3%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.3200	0.0000	0.3034	0.0141	0.0102	17	1.18	3%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.3350	0.0100	0.3034	0.0141	0.0102	17	2.24	5%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.3250	0.0500	0.3034	0.0141	0.0102	17	1.53	4%	1
035.43	Sodium, ICP, Microwave (%)	0300	0.2832	0.0316	0.3056	0.0157	0.0113	19	-1.42	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2900	0.0000	0.3056	0.0157	0.0113	19	-0.99	3%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2900	0.0200	0.3056	0.0157	0.0113	19	-0.99	3%	0
035.43	Sodium, ICP, Microwave (%)	0511	0.2900	0.0200	0.3056	0.0157	0.0113	19	-0.99	3%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2950	0.0100	0.3056	0.0157	0.0113	19	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	2322	0.2950	0.0100	0.3056	0.0157	0.0113	19	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2962	0.0159	0.3056	0.0157	0.0113	19	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2980	0.0020	0.3056	0.0157	0.0113	19	-0.48	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.3050	0.0100	0.3056	0.0157	0.0113	19	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.3050	0.0100	0.3056	0.0157	0.0113	19	-0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.3065	0.0036	0.3056	0.0157	0.0113	19	0.06	0%	0
035.43	Sodium, ICP, Microwave (%)	0033	0.3100	0.0400	0.3056	0.0157	0.0113	19	0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.3100	0.0000	0.3056	0.0157	0.0113	19	0.28	1%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.3135	0.0030	0.3056	0.0157	0.0113	19	0.50	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.3150	0.0100	0.3056	0.0157	0.0113	19	0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.3250	0.0100	0.3056	0.0157	0.0113	19	1.23	3%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.3250	0.0100	0.3056	0.0157	0.0113	19	1.23	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.3250	0.0100	0.3056	0.0157	0.0113	19	1.23	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
035.43	Sodium, ICP, Microwave (%)	0353	0.3290	0.0013	0.3056	0.0157	0.0113	19	1.48	4%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.8800	0.9600	0.3056	0.0157	0.0113	19	36.49	94%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2929	0.0037				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.3090	0.0106				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2850	0.0100				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.3170	0.0046				2			0
035.99	Sodium, Miscellaneous (%)	0100	0.3000	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.3050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.3050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.0950	0.0100				3			2
036.00	Sulfur, Gravimetric (%)	0038	0.3315	0.0030				1			0
036.04	Sulfur, LECO (%)	0948	0.3098	0.0048	0.3253	0.0109	0.0090	4			0
036.04	Sulfur, LECO (%)	0148	0.3265	0.0050	0.3253	0.0109	0.0090	4			0
036.04	Sulfur, LECO (%)	0001	0.3300	0.0160	0.3253	0.0109	0.0090	4			0
036.04	Sulfur, LECO (%)	0226	0.3350	0.0100	0.3253	0.0109	0.0090	4			0
036.04	Sulfur, LECO (%)	0229	0.4200	0.0200	0.3253	0.0109	0.0090	4			2
036.42	Sulfur, ICP, Open vessel (%)	0692	0.2900	0.0200	0.3196	0.0217	0.0116	19	-1.36	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.2931	0.0090	0.3196	0.0217	0.0116	19	-1.22	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.2950	0.0100	0.3196	0.0217	0.0116	19	-1.13	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3005	0.0130	0.3196	0.0217	0.0116	19	-0.88	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3050	0.0100	0.3196	0.0217	0.0116	19	-0.67	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3090	0.0120	0.3196	0.0217	0.0116	19	-0.49	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3100	0.0200	0.3196	0.0217	0.0116	19	-0.44	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3133	0.0128	0.3196	0.0217	0.0116	19	-0.29	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.3150	0.0500	0.3196	0.0217	0.0116	19	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3150	0.0040	0.3196	0.0217	0.0116	19	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.3150	0.0300	0.3196	0.0217	0.0116	19	-0.21	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3270	0.0040	0.3196	0.0217	0.0116	19	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3313	0.0041	0.3196	0.0217	0.0116	19	0.53	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.3345	0.0070	0.3196	0.0217	0.0116	19	0.68	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.3350	0.0100	0.3196	0.0217	0.0116	19	0.71	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3400	0.0000	0.3196	0.0217	0.0116	19	0.94	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3419	0.0035	0.3196	0.0217	0.0116	19	1.02	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3500	0.0000	0.3196	0.0217	0.0116	19	1.40	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3600	0.0000	0.3196	0.0217	0.0116	19	1.86	6%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3041	0.1020	0.3196	0.0217	0.0116	19	-0.71	2%	1
036.43	Sulfur, ICP, Microwave (%)	0083	0.2950	0.0100	0.3353	0.0102	0.0087	14	-3.94	6%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3224	0.0046	0.3353	0.0102	0.0087	14	-1.26	2%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.3267	0.0051	0.3353	0.0102	0.0087	14	-0.84	1%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3295	0.0070	0.3353	0.0102	0.0087	14	-0.56	1%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.3320	0.0086	0.3353	0.0102	0.0087	14	-0.32	0%	0
036.43	Sulfur, ICP, Microwave (%)	0202	0.3350	0.0300	0.3353	0.0102	0.0087	14	-0.03	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0510	0.3350	0.0100	0.3353	0.0102	0.0087	14	-0.03	0%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3350	0.0100	0.3353	0.0102	0.0087	14	-0.03	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3361	0.0045	0.3353	0.0102	0.0087	14	0.08	0%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3400	0.0000	0.3353	0.0102	0.0087	14	0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3400	0.0000	0.3353	0.0102	0.0087	14	0.46	1%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.3415	0.0030	0.3353	0.0102	0.0087	14	0.61	1%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.3500	0.0200	0.3353	0.0102	0.0087	14	1.44	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3550	0.0100	0.3353	0.0102	0.0087	14	1.93	3%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.2937	0.0076				1			0
036.99	Sulfur, Miscellaneous (%)	0889	0.2750	0.0100				3			0
036.99	Sulfur, Miscellaneous (%)	0242	0.2900	0.0200				3			0
036.99	Sulfur, Miscellaneous (%)	0123	0.3600	0.0200				3			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	90.68	4.250	114.4	15.26	4.153	11	-1.56	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	97.45	1.545	114.4	15.26	4.153	11	-1.11	7%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	104.1	2.800	114.4	15.26	4.153	11	-0.68	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	110.2	0.0000	114.4	15.26	4.153	11	-0.28	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0689	111.2	1.000	114.4	15.26	4.153	11	-0.21	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	111.6	2.823	114.4	15.26	4.153	11	-0.18	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	2195	120.4	0.0000	114.4	15.26	4.153	11	0.39	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	2097	123.5	7.000	114.4	15.26	4.153	11	0.59	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	123.7	3.110	114.4	15.26	4.153	11	0.61	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	132.3	6.300	114.4	15.26	4.153	11	1.17	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	0921	132.7	9.600	114.4	15.26	4.153	11	1.20	8%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	134.5	7.000				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	121.2	2.050				2			0
037.33	Zinc, AAS, Microwave (ppm)	0010	130.0	0.0000				2			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	108.6	0.6100				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0171	21.95	1.900	114.3	12.48	5.049	17	-7.40	40%	0
037.41	Zinc, ICP, Dry ash (ppm)	0354	73.99	0.6200	114.3	12.48	5.049	17	-3.23	18%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	103.3	0.4800	114.3	12.48	5.049	17	-0.88	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	106.5	1.000	114.3	12.48	5.049	17	-0.62	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	106.8	1.974	114.3	12.48	5.049	17	-0.60	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	109.7	0.0000	114.3	12.48	5.049	17	-0.36	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	111.0	8.810	114.3	12.48	5.049	17	-0.26	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	113.0	7.400	114.3	12.48	5.049	17	-0.10	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0723	115.1	9.538	114.3	12.48	5.049	17	0.07	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	115.8	4.300	114.3	12.48	5.049	17	0.12	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	116.5	0.6800	114.3	12.48	5.049	17	0.18	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	118.0	10.00	114.3	12.48	5.049	17	0.30	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	121.3	19.90	114.3	12.48	5.049	17	0.57	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	124.2	0.4438	114.3	12.48	5.049	17	0.80	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	125.0	4.000	114.3	12.48	5.049	17	0.86	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
037.41	Zinc, ICP, Dry ash (ppm)	0004	132.5	18.00	114.3	12.48	5.049	17	1.46	8%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	133.0	4.373	114.3	12.48	5.049	17	1.50	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	104.7	6.700	127.8	12.89	5.294	18	-1.80	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	110.4	0.8000	127.8	12.89	5.294	18	-1.35	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	111.0	4.000	127.8	12.89	5.294	18	-1.31	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	116.0	8.000	127.8	12.89	5.294	18	-0.92	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	120.5	5.000	127.8	12.89	5.294	18	-0.57	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	124.1	6.910	127.8	12.89	5.294	18	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	124.8	0.7170	127.8	12.89	5.294	18	-0.24	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	125.0	0.1200	127.8	12.89	5.294	18	-0.22	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	127.0	2.000	127.8	12.89	5.294	18	-0.07	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	130.0	0.0000	127.8	12.89	5.294	18	0.17	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	131.6	12.30	127.8	12.89	5.294	18	0.29	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	132.0	6.000	127.8	12.89	5.294	18	0.32	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	135.3	10.30	127.8	12.89	5.294	18	0.57	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	137.5	0.6000	127.8	12.89	5.294	18	0.75	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	138.9	9.700	127.8	12.89	5.294	18	0.85	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	139.0	14.00	127.8	12.89	5.294	18	0.87	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	144.2	1.450	127.8	12.89	5.294	18	1.27	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	145.5	3.000	127.8	12.89	5.294	18	1.37	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	165.5	33.00	127.8	12.89	5.294	18	2.92	15%	1
037.43	Zinc, ICP, Microwave (ppm)	2322	106.7	0.7300	127.7	8.102	3.086	23	-2.59	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	114.0	6.000	127.7	8.102	3.086	23	-1.69	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	115.5	3.080	127.7	8.102	3.086	23	-1.51	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	120.5	2.600	127.7	8.102	3.086	23	-0.89	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	120.8	1.595	127.7	8.102	3.086	23	-0.85	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	123.0	0.0000	127.7	8.102	3.086	23	-0.58	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	123.3	5.030	127.7	8.102	3.086	23	-0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	123.6	0.0000	127.7	8.102	3.086	23	-0.51	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	124.3	5.430	127.7	8.102	3.086	23	-0.42	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	124.5	1.310	127.7	8.102	3.086	23	-0.40	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	128.0	0.0000	127.7	8.102	3.086	23	0.04	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	129.5	4.110	127.7	8.102	3.086	23	0.22	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	130.5	2.500	127.7	8.102	3.086	23	0.34	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	131.1	1.080	127.7	8.102	3.086	23	0.41	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0033	131.5	3.000	127.7	8.102	3.086	23	0.47	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	132.5	1.000	127.7	8.102	3.086	23	0.59	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	133.3	13.50	127.7	8.102	3.086	23	0.68	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	133.5	1.000	127.7	8.102	3.086	23	0.72	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	134.2	1.700	127.7	8.102	3.086	23	0.80	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	135.0	2.000	127.7	8.102	3.086	23	0.90	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	135.7	6.910	127.7	8.102	3.086	23	0.98	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0027	136.1	5.098	127.7	8.102	3.086	23	1.04	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	140.3	1.489	127.7	8.102	3.086	23	1.55	5%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	140.0	40.00	127.7	8.102	3.086	23	1.52	5%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	93.68	1.990				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	103.5	1.000				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	119.4	8.020				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	121.5	1.000				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	206.2	29.56				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	120.5	5.000				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	135.7	1.990				2			0
037.99	Zinc, Miscellaneous (ppm)	0590	107.5	9.000	122.3	10.94	5.328	5			0
037.99	Zinc, Miscellaneous (ppm)	0889	113.8	3.640	122.3	10.94	5.328	5			0
037.99	Zinc, Miscellaneous (ppm)	0123	128.5	1.000	122.3	10.94	5.328	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	129.0	2.000	122.3	10.94	5.328	5			0
037.99	Zinc, Miscellaneous (ppm)	0100	132.5	11.00	122.3	10.94	5.328	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.467	0.0431				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	1.795	0.1700				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.810	0.0200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.150	0.1000				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.585	0.1100				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.610	0.2200				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	2.600	1.600				3			1
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.3323	0.0403	1.482	0.5518	0.1943	6	-2.08	39%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.360	0.0600	1.482	0.5518	0.1943	6	-0.22	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	1.450	0.3600	1.482	0.5518	0.1943	6	-0.06	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.517	0.0413	1.482	0.5518	0.1943	6	0.06	1%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.600	0.0000	1.482	0.5518	0.1943	6	0.21	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	2.295	0.4700	1.482	0.5518	0.1943	6	1.47	27%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	0.9500	0.0400				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.9878	0.0592				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.544	0.1124				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.775	0.1700				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0939	1.780	0.0600				3			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	16.02	1.939				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	0.5485	0.0016				1			0
042.00	Chloride, Titrimetric (%)	0619	0.6465	0.0190	0.7869	0.1122	0.0173	6	-1.25	9%	0
042.00	Chloride, Titrimetric (%)	0226	0.7400	0.0000	0.7869	0.1122	0.0173	6	-0.42	3%	0
042.00	Chloride, Titrimetric (%)	0948	0.7500	0.0000	0.7869	0.1122	0.0173	6	-0.33	2%	0
042.00	Chloride, Titrimetric (%)	0610	0.7850	0.0300	0.7869	0.1122	0.0173	6	-0.02	0%	0
042.00	Chloride, Titrimetric (%)	2200	0.8950	0.0100	0.7869	0.1122	0.0173	6	0.96	7%	0
042.00	Chloride, Titrimetric (%)	2199	0.9050	0.0100	0.7869	0.1122	0.0173	6	1.05	8%	0
042.01	Chloride, Ion-selective electrode (%)	2434	0.6470	0.0000				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	Rob R-bar	# Labs			
101.99	Choline Chloride, Miscellaneous (ppm)	0227	1,320	40.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	83.40	1.600				1			0
102.02	Niacin, LC (ppm)	2319	25.00	0.0000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	12.55	0.9000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	2.600	0.3400				1			0
104.03	Riboflavin, LC (ppm)	0910	1.350	0.0200				2			0
104.03	Riboflavin, LC (ppm)	2319	1.850	0.0600				2			0
105.00	Thiamine, LC (ppm)	2319	2.430	0.0800				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	5.445	0.0100				1			0
106.00	Vitamin A, Color (KU / kg)	0227	6.805	0.1300				1			0
106.01	Vitamin A, UV (KU / kg)	0098	6.510	1.880				1			0
106.02	Vitamin A, LC (KU / kg)	2319	6.565	0.2900	8.235	1.511	1.537	8	-1.11	10%	0
106.02	Vitamin A, LC (KU / kg)	0910	6.700	0.8000	8.235	1.511	1.537	8	-1.02	9%	0
106.02	Vitamin A, LC (KU / kg)	0148	7.445	0.5630	8.235	1.511	1.537	8	-0.52	5%	0
106.02	Vitamin A, LC (KU / kg)	0619	8.000	2.140	8.235	1.511	1.537	8	-0.16	1%	0
106.02	Vitamin A, LC (KU / kg)	0870	8.650	5.633	8.235	1.511	1.537	8	0.27	3%	0
106.02	Vitamin A, LC (KU / kg)	0610	8.800	0.2000	8.235	1.511	1.537	8	0.37	3%	0
106.02	Vitamin A, LC (KU / kg)	0038	9.220	2.340	8.235	1.511	1.537	8	0.65	6%	0
106.02	Vitamin A, LC (KU / kg)	0676	11.75	2.300	8.235	1.511	1.537	8	2.33	21%	0
107.00	Vitamin B12, Microbiological (ppb)	0227	6.775	0.2100				1			0
108.02	Vitamin D3, LC (KU / kg)	0910	1.925	0.0300	2.478	0.5940	0.2280	5			0
108.02	Vitamin D3, LC (KU / kg)	0619	2.030	0.4000	2.478	0.5940	0.2280	5			0
108.02	Vitamin D3, LC (KU / kg)	2319	2.255	0.1300	2.478	0.5940	0.2280	5			0
108.02	Vitamin D3, LC (KU / kg)	0227	2.860	0.3400	2.478	0.5940	0.2280	5			0
108.02	Vitamin D3, LC (KU / kg)	0870	3.320	0.2400	2.478	0.5940	0.2280	5			0
108.02	Vitamin D3, LC (KU / kg)	0148	57.73	3.810	2.478	0.5940	0.2280	5			1
108.02	Vitamin D3, LC (KU / kg)	0610	< 5		2.478	0.5940	0.2280	5			5
108.99	Vitamin D3, Miscellaneous (KU / kg)	0010	2.325	0.1100				1			0
109.02	Vitamin E, LC (IU / kg)	0038	28.22	2.500	52.89	15.62	2.663	12	-1.58	23%	0
109.02	Vitamin E, LC (IU / kg)	0098	36.50	9.000	52.89	15.62	2.663	12	-1.05	15%	0
109.02	Vitamin E, LC (IU / kg)	0619	41.00	4.000	52.89	15.62	2.663	12	-0.76	11%	0
109.02	Vitamin E, LC (IU / kg)	0910	51.10	4.200	52.89	15.62	2.663	12	-0.11	2%	0
109.02	Vitamin E, LC (IU / kg)	0676	51.50	0.4000	52.89	15.62	2.663	12	-0.09	1%	0
109.02	Vitamin E, LC (IU / kg)	2188	51.60	5.160	52.89	15.62	2.663	12	-0.08	1%	0
109.02	Vitamin E, LC (IU / kg)	0148	54.30	0.2000	52.89	15.62	2.663	12	0.09	1%	0
109.02	Vitamin E, LC (IU / kg)	0227	54.80	1.400	52.89	15.62	2.663	12	0.12	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	55.85	4.500	52.89	15.62	2.663	12	0.19	3%	0
109.02	Vitamin E, LC (IU / kg)	2319	55.90	2.000	52.89	15.62	2.663	12	0.19	3%	0
109.02	Vitamin E, LC (IU / kg)	0870	78.68	0.4030	52.89	15.62	2.663	12	1.65	24%	0
109.02	Vitamin E, LC (IU / kg)	0590	149.5	1.000	52.89	15.62	2.663	12	6.19	91%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	33.50	3.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5

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	Rob R-bar	# Labs			
112.01	Pyridoxine, LC (µg / g)	2319	3.250	0.2000				2		0	
112.01	Pyridoxine, LC (µg / g)	0227	4.455	0.0300				2		0	
113.01	Folic Acid, Micro (ppm)	0227	1.170	0.0600				1		0	
113.02	Folic acid, LC (ppm)	2319	< 0.2					0		5	
114.99	Biotin, Miscellaneous (ppm)	0227	0.2210	0.0060				1		0	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.1300	0.0000				2		0	
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0098	1.250	0.0600				2		0	
120.00	Alanine, Post-col Ninhydrin Der (%)	2322	0.4864	0.0001	0.7587	0.0244	0.0111	20	-11.18	18%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2443	0.7305	0.0000	0.7587	0.0244	0.0111	20	-1.16	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0684	0.7350	0.0100	0.7587	0.0244	0.0111	20	-0.97	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	0.7350	0.0100	0.7587	0.0244	0.0111	20	-0.97	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	0.7400	0.0200	0.7587	0.0244	0.0111	20	-0.77	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	0.7400	0.0200	0.7587	0.0244	0.0111	20	-0.77	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	0.7485	0.0010	0.7587	0.0244	0.0111	20	-0.42	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.7500	0.0200	0.7587	0.0244	0.0111	20	-0.36	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	0.7520	0.0120	0.7587	0.0244	0.0111	20	-0.27	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	0.7550	0.0100	0.7587	0.0244	0.0111	20	-0.15	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	0.7596	0.0084	0.7587	0.0244	0.0111	20	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	0.7605	0.0030	0.7587	0.0244	0.0111	20	0.08	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	0.7680	0.0000	0.7587	0.0244	0.0111	20	0.38	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	0.7735	0.0210	0.7587	0.0244	0.0111	20	0.61	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.7748	0.0029	0.7587	0.0244	0.0111	20	0.66	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	0.7750	0.0300	0.7587	0.0244	0.0111	20	0.67	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0723	0.7765	0.0010	0.7587	0.0244	0.0111	20	0.73	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	0.7900	0.0200	0.7587	0.0244	0.0111	20	1.29	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	0.7920	0.0040	0.7587	0.0244	0.0111	20	1.37	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	0.8390	0.0000	0.7587	0.0244	0.0111	20	3.30	5%	0
120.02	Alanine, Post-col OPA Der (%)	0098	0.7670	0.0020				1		0	
120.05	Alanine, Pre-col AQC Der (%)	0407	0.6670	0.0160	0.7368	0.0526	0.0150	11	-1.33	5%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	0.6780	0.0000	0.7368	0.0526	0.0150	11	-1.12	4%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.6953	0.0150	0.7368	0.0526	0.0150	11	-0.79	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	0.7160	0.0000	0.7368	0.0526	0.0150	11	-0.40	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	0.7300	0.0000	0.7368	0.0526	0.0150	11	-0.13	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	0.7325	0.0070	0.7368	0.0526	0.0150	11	-0.08	0%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	0.7470	0.0020	0.7368	0.0526	0.0150	11	0.19	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0610	0.7550	0.0100	0.7368	0.0526	0.0150	11	0.34	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	0.7795	0.0050	0.7368	0.0526	0.0150	11	0.81	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	0.7950	0.0300	0.7368	0.0526	0.0150	11	1.10	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0676	0.8100	0.0400	0.7368	0.0526	0.0150	11	1.39	5%	0
120.99	Alanine, Miscellaneous (%)	0889	0.7100	0.0000	0.7575	0.0340	0.0000	4		0	
120.99	Alanine, Miscellaneous (%)	2146	0.7600	0.0000	0.7575	0.0340	0.0000	4		0	
120.99	Alanine, Miscellaneous (%)	0227	0.7700	0.0000	0.7575	0.0340	0.0000	4		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
120.99	Alanine, Miscellaneous (%)	2144	0.7900	0.0000	0.7575	0.0340	0.0000	4			0
121.00	Arginine, Post-col Ninhydrin Der (%)	2322	0.6555	0.0004	1.066	0.0623	0.0216	20	-6.60	19%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	0.8250	0.0500	1.066	0.0623	0.0216	20	-3.88	11%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0684	1.010	0.0600	1.066	0.0623	0.0216	20	-0.90	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.015	0.0300	1.066	0.0623	0.0216	20	-0.82	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2443	1.021	0.0000	1.066	0.0623	0.0216	20	-0.73	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.025	0.0100	1.066	0.0623	0.0216	20	-0.66	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.038	0.0354	1.066	0.0623	0.0216	20	-0.45	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.045	0.0190	1.066	0.0623	0.0216	20	-0.35	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.048	0.0060	1.066	0.0623	0.0216	20	-0.29	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	1.055	0.0300	1.066	0.0623	0.0216	20	-0.18	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.075	0.0100	1.066	0.0623	0.0216	20	0.14	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0723	1.092	0.0010	1.066	0.0623	0.0216	20	0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.093	0.0080	1.066	0.0623	0.0216	20	0.43	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.094	0.0042	1.066	0.0623	0.0216	20	0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.099	0.0300	1.066	0.0623	0.0216	20	0.52	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.110	0.0010	1.066	0.0623	0.0216	20	0.69	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.115	0.0500	1.066	0.0623	0.0216	20	0.78	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.133	0.0000	1.066	0.0623	0.0216	20	1.07	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.155	0.0300	1.066	0.0623	0.0216	20	1.42	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.226	0.0000	1.066	0.0623	0.0216	20	2.56	7%	0
121.02	Arginine, Post-col OPA Der (%)	0098	1.041	0.0020				1			0
121.05	Arginine, Pre-col AQC Der (%)	2188	0.9790	0.0000	1.107	0.0920	0.0449	11	-1.39	6%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.041	0.0410	1.107	0.0920	0.0449	11	-0.72	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.049	0.0070	1.107	0.0920	0.0449	11	-0.63	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	1.051	0.0000	1.107	0.0920	0.0449	11	-0.61	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.085	0.0500	1.107	0.0920	0.0449	11	-0.24	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0610	1.095	0.0100	1.107	0.0920	0.0449	11	-0.13	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.095	0.0100	1.107	0.0920	0.0449	11	-0.13	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.131	0.1217	1.107	0.0920	0.0449	11	0.26	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.195	0.0100	1.107	0.0920	0.0449	11	0.96	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	1.209	0.1260	1.107	0.0920	0.0449	11	1.11	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0676	1.245	0.0300	1.107	0.0920	0.0449	11	1.50	6%	0
121.99	Arginine, Miscellaneous (%)	0227	1.045	0.0100				3			0
121.99	Arginine, Miscellaneous (%)	2144	1.070	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	2146	1.110	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0889	0.9350	0.0500				3			1
122.00	Aspartic, Post-col Ninhydrin Der (%)	2322	0.7279	0.0002	1.167	0.0379	0.0198	20	-11.59	19%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.090	0.0400	1.167	0.0379	0.0198	20	-2.03	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0684	1.110	0.0200	1.167	0.0379	0.0198	20	-1.50	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2443	1.129	0.0000	1.167	0.0379	0.0198	20	-1.00	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.148	0.0015	1.167	0.0379	0.0198	20	-0.50	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.155	0.0300	1.167	0.0379	0.0198	20	-0.31	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.160	0.0000	1.167	0.0379	0.0198	20	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.160	0.0400	1.167	0.0379	0.0198	20	-0.18	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.168	0.0020	1.167	0.0379	0.0198	20	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.170	0.0120	1.167	0.0379	0.0198	20	0.08	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.175	0.0050	1.167	0.0379	0.0198	20	0.20	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.176	0.0325	1.167	0.0379	0.0198	20	0.23	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.178	0.0300	1.167	0.0379	0.0198	20	0.29	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.179	0.0040	1.167	0.0379	0.0198	20	0.32	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.180	0.0400	1.167	0.0379	0.0198	20	0.35	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0723	1.188	0.0010	1.167	0.0379	0.0198	20	0.54	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.191	0.0000	1.167	0.0379	0.0198	20	0.64	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.205	0.0100	1.167	0.0379	0.0198	20	1.00	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.243	0.0000	1.167	0.0379	0.0198	20	2.01	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.245	0.0700	1.167	0.0379	0.0198	20	2.06	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	1.188	0.0160				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.010	0.0000	1.144	0.0972	0.0239	11	-1.38	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.037	0.0333	1.144	0.0972	0.0239	11	-1.10	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.073	0.0240	1.144	0.0972	0.0239	11	-0.73	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.111	0.0080	1.144	0.0972	0.0239	11	-0.34	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	1.140	0.0400	1.144	0.0972	0.0239	11	-0.04	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.154	0.0000	1.144	0.0972	0.0239	11	0.10	0%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.165	0.0100	1.144	0.0972	0.0239	11	0.22	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0610	1.165	0.0100	1.144	0.0972	0.0239	11	0.22	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.175	0.0100	1.144	0.0972	0.0239	11	0.32	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0676	1.265	0.0300	1.144	0.0972	0.0239	11	1.24	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.340	0.0560	1.144	0.0972	0.0239	11	2.02	9%	0
122.99	Aspartic, Miscellaneous (%)	0889	1.135	0.0100	1.199	0.0601	0.0233	4			0
122.99	Aspartic, Miscellaneous (%)	0227	1.190	0.0200	1.199	0.0601	0.0233	4			0
122.99	Aspartic, Miscellaneous (%)	2146	1.190	0.0400	1.199	0.0601	0.0233	4			0
122.99	Aspartic, Miscellaneous (%)	2144	1.280	0.0000	1.199	0.0601	0.0233	4			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.1670	0.0000	0.2879	0.0167	0.0043	19	-7.24	21%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0619	0.2565	0.0030	0.2879	0.0167	0.0043	19	-1.88	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0353	0.2700	0.0000	0.2879	0.0167	0.0043	19	-1.07	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0859	0.2729	0.0022	0.2879	0.0167	0.0043	19	-0.90	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0941	0.2740	0.0000	0.2879	0.0167	0.0043	19	-0.83	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0354	0.2800	0.0080	0.2879	0.0167	0.0043	19	-0.47	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0723	0.2850	0.0100	0.2879	0.0167	0.0043	19	-0.17	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0872	0.2860	0.0020	0.2879	0.0167	0.0043	19	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2059	0.2860	0.0020	0.2879	0.0167	0.0043	19	-0.11	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	2443	0.2865	0.0000	0.2879	0.0167	0.0043	19	-0.08	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0684	0.2900	0.0000	0.2879	0.0167	0.0043	19	0.12	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.2945	0.0130	0.2879	0.0167	0.0043	19	0.39	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2322	0.2966	0.0002	0.2879	0.0167	0.0043	19	0.52	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.3000	0.0000	0.2879	0.0167	0.0043	19	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.3000	0.0000	0.2879	0.0167	0.0043	19	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.3000	0.0000	0.2879	0.0167	0.0043	19	0.72	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.3002	0.0034	0.2879	0.0167	0.0043	19	0.74	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.3100	0.0000	0.2879	0.0167	0.0043	19	1.32	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.3185	0.0010	0.2879	0.0167	0.0043	19	1.83	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3150	0.0300	0.2879	0.0167	0.0043	19	1.62	5%	1
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.3070	0.0020				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.2360	0.0000	0.2893	0.0459	0.0222	8	-1.16	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.2420	0.0440	0.2893	0.0459	0.0222	8	-1.03	8%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.2700	0.0000	0.2893	0.0459	0.0222	8	-0.42	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.2760	0.0068	0.2893	0.0459	0.0222	8	-0.29	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0610	0.3050	0.0100	0.2893	0.0459	0.0222	8	0.34	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.3050	0.0000	0.2893	0.0459	0.0222	8	0.34	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.3300	0.0100	0.2893	0.0459	0.0222	8	0.89	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.3500	0.0400	0.2893	0.0459	0.0222	8	1.32	11%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.2636	0.0195	0.2747	0.0098	0.0198	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.2650	0.0300	0.2747	0.0098	0.0198	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.2800	0.0000	0.2747	0.0098	0.0198	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.2800	0.0000	0.2747	0.0098	0.0198	5			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.2850	0.0100	0.2747	0.0098	0.0198	5			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2322	1.725	0.0003	2.763	0.1289	0.0220	19	-8.05	19%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	2.480	0.0200	2.763	0.1289	0.0220	19	-2.20	5%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2443	2.647	0.0000	2.763	0.1289	0.0220	19	-0.90	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	2.686	0.0120	2.763	0.1289	0.0220	19	-0.60	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0684	2.690	0.0200	2.763	0.1289	0.0220	19	-0.57	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	2.698	0.0117	2.763	0.1289	0.0220	19	-0.51	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	2.735	0.0090	2.763	0.1289	0.0220	19	-0.22	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	2.735	0.0500	2.763	0.1289	0.0220	19	-0.22	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	2.736	0.0060	2.763	0.1289	0.0220	19	-0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	2.741	0.0380	2.763	0.1289	0.0220	19	-0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	2.780	0.0200	2.763	0.1289	0.0220	19	0.13	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	2.785	0.0100	2.763	0.1289	0.0220	19	0.17	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	2.790	0.0000	2.763	0.1289	0.0220	19	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	2.795	0.0730	2.763	0.1289	0.0220	19	0.24	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0723	2.807	0.0010	2.763	0.1289	0.0220	19	0.33	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	2.884	0.0843	2.763	0.1289	0.0220	19	0.93	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	2.945	0.0300	2.763	0.1289	0.0220	19	1.41	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	2.955	0.0000	2.763	0.1289	0.0220	19	1.49	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.060	0.0200	2.763	0.1289	0.0220	19	2.30	5%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	2.845	0.1300	2.763	0.1289	0.0220	19	0.63	1%	1
125.02	Glutamic, Post-col OPA Der (%)	0098	2.825	0.0150				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	2.578	0.0140	2.826	0.2328	0.0554	11	-1.07	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	2.636	0.0290	2.826	0.2328	0.0554	11	-0.82	3%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	2.695	0.0100	2.826	0.2328	0.0554	11	-0.56	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	2.697	0.0000	2.826	0.2328	0.0554	11	-0.56	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	2.707	0.0000	2.826	0.2328	0.0554	11	-0.51	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	2.715	0.0846	2.826	0.2328	0.0554	11	-0.48	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	2.880	0.1400	2.826	0.2328	0.0554	11	0.23	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0610	2.900	0.0200	2.826	0.2328	0.0554	11	0.32	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0676	2.930	0.0400	2.826	0.2328	0.0554	11	0.45	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.183	0.1810	2.826	0.2328	0.0554	11	1.53	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.265	0.0100	2.826	0.2328	0.0554	11	1.88	8%	0
125.99	Glutamic, Miscellaneous (%)	0227	2.820	0.0400				3			0
125.99	Glutamic, Miscellaneous (%)	2144	2.835	0.0100				3			0
125.99	Glutamic, Miscellaneous (%)	2146	2.880	0.0400				3			0
125.99	Glutamic, Miscellaneous (%)	0889	3.220	0.0200				3			2
126.00	Glycine, Post-col Ninhydrin Der (%)	2322	0.4757	0.0001	0.7399	0.0254	0.0125	20	-10.40	18%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0684	0.7050	0.0100	0.7399	0.0254	0.0125	20	-1.37	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2443	0.7141	0.0000	0.7399	0.0254	0.0125	20	-1.02	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.7200	0.0400	0.7399	0.0254	0.0125	20	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	0.7200	0.0400	0.7399	0.0254	0.0125	20	-0.78	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	0.7235	0.0030	0.7399	0.0254	0.0125	20	-0.65	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0100	0.7399	0.0254	0.0125	20	-0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	0.7350	0.0100	0.7399	0.0254	0.0125	20	-0.19	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	0.7360	0.0100	0.7399	0.0254	0.0125	20	-0.15	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.7411	0.0100	0.7399	0.0254	0.0125	20	0.05	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	0.7450	0.0300	0.7399	0.0254	0.0125	20	0.20	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	0.7460	0.0000	0.7399	0.0254	0.0125	20	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	0.7460	0.0060	0.7399	0.0254	0.0125	20	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	0.7485	0.0110	0.7399	0.0254	0.0125	20	0.34	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0723	0.7515	0.0010	0.7399	0.0254	0.0125	20	0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	0.7530	0.0040	0.7399	0.0254	0.0125	20	0.51	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	0.7560	0.0000	0.7399	0.0254	0.0125	20	0.63	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	0.7750	0.0300	0.7399	0.0254	0.0125	20	1.38	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.7890	0.0000	0.7399	0.0254	0.0125	20	1.93	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	0.9404	0.0001	0.7399	0.0254	0.0125	20	7.89	14%	0
126.02	Glycine, Post-col OPA Der (%)	0098	0.7435	0.0090				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.7140	0.0240	0.7649	0.0204	0.0387	11	-2.50	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	0.7500	0.0400	0.7649	0.0204	0.0387	11	-0.73	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	0.7500	0.0000	0.7649	0.0204	0.0387	11	-0.73	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	0.7545	0.0610	0.7649	0.0204	0.0387	11	-0.51	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
126.05	Glycine, Pre-col AQC Der (%)	2196	0.7610	0.0000	0.7649	0.0204	0.0387	11	-0.19	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	0.7625	0.0010	0.7649	0.0204	0.0387	11	-0.12	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0610	0.7650	0.0100	0.7649	0.0204	0.0387	11	0.01	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0676	0.7750	0.0300	0.7649	0.0204	0.0387	11	0.50	1%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	0.7790	0.0580	0.7649	0.0204	0.0387	11	0.69	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.7870	0.0000	0.7649	0.0204	0.0387	11	1.09	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	0.8139	0.0859	0.7649	0.0204	0.0387	11	2.41	3%	0
126.99	Glycine, Miscellaneous (%)	0889	0.3450	0.0100	0.6700	0.2215	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	2146	0.7300	0.0000	0.6700	0.2215	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	0227	0.7650	0.0100	0.6700	0.2215	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	2144	0.8400	0.0000	0.6700	0.2215	0.0100	4			0
127.00	Histidine, Post-col Ninhydrin Der (%)	2322	0.2320	0.0002	0.3971	0.0236	0.0093	20	-6.99	21%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.3650	0.0100	0.3971	0.0236	0.0093	20	-1.36	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.3671	0.0145	0.3971	0.0236	0.0093	20	-1.27	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.3785	0.0011	0.3971	0.0236	0.0093	20	-0.79	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.3800	0.0060	0.3971	0.0236	0.0093	20	-0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0684	0.3800	0.0200	0.3971	0.0236	0.0093	20	-0.72	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2443	0.3838	0.0000	0.3971	0.0236	0.0093	20	-0.56	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.3985	0.0030	0.3971	0.0236	0.0093	20	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0723	0.3985	0.0010	0.3971	0.0236	0.0093	20	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.4000	0.0000	0.3971	0.0236	0.0093	20	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.4000	0.0140	0.3971	0.0236	0.0093	20	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.4005	0.0010	0.3971	0.0236	0.0093	20	0.15	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.4050	0.0300	0.3971	0.0236	0.0093	20	0.34	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.4050	0.0100	0.3971	0.0236	0.0093	20	0.34	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.4055	0.0070	0.3971	0.0236	0.0093	20	0.36	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.4070	0.0000	0.3971	0.0236	0.0093	20	0.42	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.4150	0.0100	0.3971	0.0236	0.0093	20	0.76	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.4280	0.0000	0.3971	0.0236	0.0093	20	1.31	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.4300	0.0200	0.3971	0.0236	0.0093	20	1.39	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.4390	0.0000	0.3971	0.0236	0.0093	20	1.78	5%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.3825	0.0090				1			0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.2890	0.0000	0.3771	0.0475	0.0221	11	-1.86	12%	0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.2905	0.0010	0.3771	0.0475	0.0221	11	-1.82	11%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	0.3675	0.0030	0.3771	0.0475	0.0221	11	-0.20	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0676	0.3700	0.0400	0.3771	0.0475	0.0221	11	-0.15	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.3700	0.0000	0.3771	0.0475	0.0221	11	-0.15	1%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.3845	0.0210	0.3771	0.0475	0.0221	11	0.16	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.3900	0.0400	0.3771	0.0475	0.0221	11	0.27	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.3970	0.0000	0.3771	0.0475	0.0221	11	0.42	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.4040	0.0020	0.3771	0.0475	0.0221	11	0.57	4%	0
127.05	Histidine, Pre-col AQC Der (%)	0610	0.4050	0.0100	0.3771	0.0475	0.0221	11	0.59	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
127.05	Histidine, Pre-col AQC Der (%)	2246	0.4709	0.0654	0.3771	0.0475	0.0221	11	1.98	12%	0
127.99	Histidine, Miscellaneous (%)	0889	0.3450	0.0100	0.3950	0.0339	0.0200	4			0
127.99	Histidine, Miscellaneous (%)	2146	0.4050	0.0300	0.3950	0.0339	0.0200	4			0
127.99	Histidine, Miscellaneous (%)	0227	0.4100	0.0000	0.3950	0.0339	0.0200	4			0
127.99	Histidine, Miscellaneous (%)	2144	0.4200	0.0000	0.3950	0.0339	0.0200	4			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2322	0.3117	0.0002	0.4894	0.0364	0.0109	20	-4.88	18%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.4200	0.0200	0.4894	0.0364	0.0109	20	-1.91	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0684	0.4350	0.0100	0.4894	0.0364	0.0109	20	-1.50	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.4605	0.0070	0.4894	0.0364	0.0109	20	-0.79	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2443	0.4687	0.0000	0.4894	0.0364	0.0109	20	-0.57	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.4750	0.0100	0.4894	0.0364	0.0109	20	-0.40	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.4800	0.0200	0.4894	0.0364	0.0109	20	-0.26	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0723	0.4815	0.0010	0.4894	0.0364	0.0109	20	-0.22	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.4840	0.0000	0.4894	0.0364	0.0109	20	-0.15	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.4900	0.0400	0.4894	0.0364	0.0109	20	0.02	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.4940	0.0120	0.4894	0.0364	0.0109	20	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.4980	0.0080	0.4894	0.0364	0.0109	20	0.24	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.5030	0.0040	0.4894	0.0364	0.0109	20	0.37	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.5035	0.0007	0.4894	0.0364	0.0109	20	0.39	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.5090	0.0000	0.4894	0.0364	0.0109	20	0.54	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.5125	0.0110	0.4894	0.0364	0.0109	20	0.63	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.5150	0.0300	0.4894	0.0364	0.0109	20	0.70	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.5208	0.0094	0.4894	0.0364	0.0109	20	0.86	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.5500	0.0020	0.4894	0.0364	0.0109	20	1.67	6%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.5600	0.0200	0.4894	0.0364	0.0109	20	1.94	7%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.4780	0.0000				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.3950	0.0100	0.4935	0.0549	0.0159	11	-1.79	10%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.4150	0.0000	0.4935	0.0549	0.0159	11	-1.43	8%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.4460	0.0340	0.4935	0.0549	0.0159	11	-0.86	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0676	0.4950	0.0100	0.4935	0.0549	0.0159	11	0.03	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.5010	0.0308	0.4935	0.0549	0.0159	11	0.14	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.5035	0.0070	0.4935	0.0549	0.0159	11	0.18	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.5080	0.0020	0.4935	0.0549	0.0159	11	0.26	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.5280	0.0000	0.4935	0.0549	0.0159	11	0.63	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0610	0.5350	0.0100	0.4935	0.0549	0.0159	11	0.76	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.5355	0.0190	0.4935	0.0549	0.0159	11	0.77	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.5500	0.0200	0.4935	0.0549	0.0159	11	1.03	6%	0
128.99	Isoleucine, Miscellaneous (%)	0889	0.4650	0.0100	0.5325	0.0644	0.0100	4			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.5200	0.0000	0.5325	0.0644	0.0100	4			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.5250	0.0100	0.5325	0.0644	0.0100	4			0
128.99	Isoleucine, Miscellaneous (%)	2144	0.6200	0.0000	0.5325	0.0644	0.0100	4			0
129.00	Leucine, Post-col Ninhydrin Der (%)	2322	0.6646	0.0002	1.085	0.0340	0.0155	20	-12.36	19%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
129.00	Leucine, Post-col Ninhydrin Der (%)	2443	0.8950	0.0100	1.085	0.0340	0.0155	20	-5.58	9%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0684	0.9950	0.0100	1.085	0.0340	0.0155	20	-2.64	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.052	0.0120	1.085	0.0340	0.0155	20	-0.96	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.055	0.0300	1.085	0.0340	0.0155	20	-0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.075	0.0100	1.085	0.0340	0.0155	20	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.080	0.0200	1.085	0.0340	0.0155	20	-0.14	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.081	0.0070	1.085	0.0340	0.0155	20	-0.12	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.082	0.0140	1.085	0.0340	0.0155	20	-0.08	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.085	0.0300	1.085	0.0340	0.0155	20	0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.090	0.0024	1.085	0.0340	0.0155	20	0.16	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.100	0.0200	1.085	0.0340	0.0155	20	0.45	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.102	0.0070	1.085	0.0340	0.0155	20	0.50	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.102	0.0000	1.085	0.0340	0.0155	20	0.51	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.103	0.0320	1.085	0.0340	0.0155	20	0.54	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.104	0.0126	1.085	0.0340	0.0155	20	0.57	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0723	1.107	0.0010	1.085	0.0340	0.0155	20	0.64	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.115	0.0300	1.085	0.0340	0.0155	20	0.89	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.125	0.0300	1.085	0.0340	0.0155	20	1.19	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.153	0.0000	1.085	0.0340	0.0155	20	2.01	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.060	0.0250				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	0.7700	0.0000	1.065	0.0861	0.0114	10	-3.43	14%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	0.9945	0.0170	1.065	0.0861	0.0114	10	-0.82	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.010	0.0000	1.065	0.0861	0.0114	10	-0.64	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.012	0.0000	1.065	0.0861	0.0114	10	-0.62	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.069	0.0080	1.065	0.0861	0.0114	10	0.04	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.095	0.0100	1.065	0.0861	0.0114	10	0.34	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	1.095	0.0100	1.065	0.0861	0.0114	10	0.34	1%	0
129.05	Leucine, Pre-col AQC Der (%)	0610	1.115	0.0100	1.065	0.0861	0.0114	10	0.58	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0676	1.145	0.0500	1.065	0.0861	0.0114	10	0.92	4%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.183	0.0030	1.065	0.0861	0.0114	10	1.36	5%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.094	0.0879	1.065	0.0861	0.0114	10	0.34	1%	1
129.99	Leucine, Miscellaneous (%)	0889	0.9500	0.0400	1.121	0.1430	0.0367	4			0
129.99	Leucine, Miscellaneous (%)	0227	1.115	0.0100	1.121	0.1430	0.0367	4			0
129.99	Leucine, Miscellaneous (%)	2146	1.120	0.0600	1.121	0.1430	0.0367	4			0
129.99	Leucine, Miscellaneous (%)	2144	1.300	0.0000	1.121	0.1430	0.0367	4			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2322	0.3858	0.0002	0.6388	0.0318	0.0153	22	-7.96	20%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0684	0.5850	0.0100	0.6388	0.0318	0.0153	22	-1.69	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.6030	0.0098	0.6388	0.0318	0.0153	22	-1.13	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.6100	0.0000	0.6388	0.0318	0.0153	22	-0.91	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.6150	0.0180	0.6388	0.0318	0.0153	22	-0.75	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.6185	0.0170	0.6388	0.0318	0.0153	22	-0.64	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.6200	0.0200	0.6388	0.0318	0.0153	22	-0.59	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.6225	0.0090	0.6388	0.0318	0.0153	22	-0.51	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.6320	0.0140	0.6388	0.0318	0.0153	22	-0.21	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.6325	0.0030	0.6388	0.0318	0.0153	22	-0.20	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.6350	0.0300	0.6388	0.0318	0.0153	22	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.6350	0.0100	0.6388	0.0318	0.0153	22	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.6430	0.0000	0.6388	0.0318	0.0153	22	0.13	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0723	0.6555	0.0010	0.6388	0.0318	0.0153	22	0.53	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	0.6585	0.0210	0.6388	0.0318	0.0153	22	0.62	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	0.6600	0.0000	0.6388	0.0318	0.0153	22	0.67	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.6600	0.0000	0.6388	0.0318	0.0153	22	0.67	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.6650	0.0300	0.6388	0.0318	0.0153	22	0.83	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.6680	0.0000	0.6388	0.0318	0.0153	22	0.92	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2443	0.6709	0.0000	0.6388	0.0318	0.0153	22	1.01	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2325	0.6800	0.0200	0.6388	0.0318	0.0153	22	1.30	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.6900	0.0437	0.6388	0.0318	0.0153	22	1.61	4%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.6645	0.0110				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.5130	0.0040	0.6224	0.0815	0.0128	10	-1.34	9%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	0.5255	0.0250	0.6224	0.0815	0.0128	10	-1.19	8%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.5520	0.0132	0.6224	0.0815	0.0128	10	-0.86	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.6085	0.0010	0.6224	0.0815	0.0128	10	-0.17	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0610	0.6250	0.0100	0.6224	0.0815	0.0128	10	0.03	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.6370	0.0000	0.6224	0.0815	0.0128	10	0.18	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.6650	0.0100	0.6224	0.0815	0.0128	10	0.52	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.6940	0.0360	0.6224	0.0815	0.0128	10	0.88	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.6950	0.0100	0.6224	0.0815	0.0128	10	0.89	6%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.7090	0.0000	0.6224	0.0815	0.0128	10	1.06	7%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.4750	0.0100	0.6471	0.1195	0.0255	5			0
130.99	L-Lysine, Miscellaneous (%)	2146	0.6250	0.0100	0.6471	0.1195	0.0255	5			0
130.99	L-Lysine, Miscellaneous (%)	2246	0.6306	0.0518	0.6471	0.1195	0.0255	5			0
130.99	L-Lysine, Miscellaneous (%)	0227	0.7050	0.0300	0.6471	0.1195	0.0255	5			0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8000	0.0000	0.6471	0.1195	0.0255	5			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.1970	0.0080	0.2296	0.0162	0.0101	20	-2.01	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2070	0.0000	0.2296	0.0162	0.0101	20	-1.40	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.2100	0.0000	0.2296	0.0162	0.0101	20	-1.21	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0723	0.2150	0.0100	0.2296	0.0162	0.0101	20	-0.90	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.2153	0.0002	0.2296	0.0162	0.0101	20	-0.88	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.2222	0.0083	0.2296	0.0162	0.0101	20	-0.46	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.2250	0.0100	0.2296	0.0162	0.0101	20	-0.28	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.2265	0.0010	0.2296	0.0162	0.0101	20	-0.19	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.2280	0.0000	0.2296	0.0162	0.0101	20	-0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0684	0.2300	0.0200	0.2296	0.0162	0.0101	20	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.2320	0.0020	0.2296	0.0162	0.0101	20	0.15	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.2350	0.0060	0.2296	0.0162	0.0101	20	0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.2350	0.0300	0.2296	0.0162	0.0101	20	0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.2355	0.0170	0.2296	0.0162	0.0101	20	0.37	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2322	0.2367	0.0002	0.2296	0.0162	0.0101	20	0.44	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.2375	0.0050	0.2296	0.0162	0.0101	20	0.49	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2443	0.2381	0.0000	0.2296	0.0162	0.0101	20	0.53	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.2500	0.0200	0.2296	0.0162	0.0101	20	1.26	4%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.2550	0.0100	0.2296	0.0162	0.0101	20	1.57	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.2700	0.0200	0.2296	0.0162	0.0101	20	2.50	9%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.2225	0.0010				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.1915	0.0351	0.2440	0.0629	0.0148	9	-0.84	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.2085	0.0150	0.2440	0.0629	0.0148	9	-0.57	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.2100	0.0200	0.2440	0.0629	0.0148	9	-0.54	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2105	0.0170	0.2440	0.0629	0.0148	9	-0.53	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.2135	0.0010	0.2440	0.0629	0.0148	9	-0.49	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0610	0.2350	0.0100	0.2440	0.0629	0.0148	9	-0.14	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.2540	0.0000	0.2440	0.0629	0.0148	9	0.16	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.3350	0.0100	0.2440	0.0629	0.0148	9	1.45	19%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.3830	0.0000	0.2440	0.0629	0.0148	9	2.21	28%	0
131.99	Methionine, Miscellaneous (%)	2246	0.1791	0.0051	0.2558	0.0704	0.0084	5			0
131.99	Methionine, Miscellaneous (%)	0227	0.2350	0.0100	0.2558	0.0704	0.0084	5			0
131.99	Methionine, Miscellaneous (%)	2146	0.2350	0.0100	0.2558	0.0704	0.0084	5			0
131.99	Methionine, Miscellaneous (%)	2144	0.2600	0.0000	0.2558	0.0704	0.0084	5			0
131.99	Methionine, Miscellaneous (%)	0889	0.3700	0.0000	0.2558	0.0704	0.0084	5			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2322	0.4349	0.0003	0.6834	0.0298	0.0097	19	-8.35	18%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0684	0.6050	0.0100	0.6834	0.0298	0.0097	19	-2.63	6%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2443	0.6474	0.0000	0.6834	0.0298	0.0097	19	-1.21	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.6577	0.0179	0.6834	0.0298	0.0097	19	-0.87	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.6678	0.0031	0.6834	0.0298	0.0097	19	-0.53	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.6710	0.0100	0.6834	0.0298	0.0097	19	-0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.6735	0.0030	0.6834	0.0298	0.0097	19	-0.33	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.6805	0.0150	0.6834	0.0298	0.0097	19	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0723	0.6835	0.0010	0.6834	0.0298	0.0097	19	0.00	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.6850	0.0100	0.6834	0.0298	0.0097	19	0.05	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.6870	0.0000	0.6834	0.0298	0.0097	19	0.12	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.6900	0.0200	0.6834	0.0298	0.0097	19	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.6935	0.0190	0.6834	0.0298	0.0097	19	0.34	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.6950	0.0100	0.6834	0.0298	0.0097	19	0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.6970	0.0120	0.6834	0.0298	0.0097	19	0.46	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7070	0.0000	0.6834	0.0298	0.0097	19	0.79	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.7150	0.0100	0.6834	0.0298	0.0097	19	1.06	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.7350	0.0040	0.6834	0.0298	0.0097	19	1.73	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.7550	0.0100	0.6834	0.0298	0.0097	19	2.41	5%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.6850	0.0700	0.6834	0.0298	0.0097	19	0.05	0%	1
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.6590	0.0060				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.5250	0.0000	0.6764	0.0327	0.0189	11	-4.63	11%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.6370	0.0000	0.6764	0.0327	0.0189	11	-1.21	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.6600	0.0000	0.6764	0.0327	0.0189	11	-0.50	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.6700	0.0200	0.6764	0.0327	0.0189	11	-0.20	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.6715	0.0030	0.6764	0.0327	0.0189	11	-0.15	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.6730	0.0140	0.6764	0.0327	0.0189	11	-0.11	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.6835	0.0350	0.6764	0.0327	0.0189	11	0.22	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0610	0.6850	0.0100	0.6764	0.0327	0.0189	11	0.26	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.7030	0.0180	0.6764	0.0327	0.0189	11	0.81	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0676	0.7050	0.0100	0.6764	0.0327	0.0189	11	0.87	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.7591	0.0667	0.6764	0.0327	0.0189	11	2.52	6%	0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.6150	0.0100	0.6900	0.0561	0.0133	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.6900	0.0200	0.6900	0.0561	0.0133	4			0
132.99	Phenylalanine, Miscellaneous (%)	2146	0.7050	0.0100	0.6900	0.0561	0.0133	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.7500	0.0000	0.6900	0.0561	0.0133	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	2322	0.5687	0.0001	0.8968	0.0698	0.0153	19	-4.70	18%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	0.7610	0.0100	0.8968	0.0698	0.0153	19	-1.95	8%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2443	0.8221	0.0000	0.8968	0.0698	0.0153	19	-1.07	4%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	0.8500	0.0800	0.8968	0.0698	0.0153	19	-0.67	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0684	0.8550	0.0100	0.8968	0.0698	0.0153	19	-0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	0.8550	0.0140	0.8968	0.0698	0.0153	19	-0.60	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	0.8720	0.0080	0.8968	0.0698	0.0153	19	-0.36	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	0.8910	0.0240	0.8968	0.0698	0.0153	19	-0.08	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0723	0.8975	0.0010	0.8968	0.0698	0.0153	19	0.01	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	0.9020	0.0020	0.8968	0.0698	0.0153	19	0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	0.9050	0.0100	0.8968	0.0698	0.0153	19	0.12	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	0.9100	0.0000	0.8968	0.0698	0.0153	19	0.19	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	0.9155	0.0316	0.8968	0.0698	0.0153	19	0.27	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	0.9180	0.0060	0.8968	0.0698	0.0153	19	0.30	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	0.9300	0.0200	0.8968	0.0698	0.0153	19	0.48	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	0.9405	0.0130	0.8968	0.0698	0.0153	19	0.63	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	0.9950	0.0300	0.8968	0.0698	0.0153	19	1.41	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	0.9950	0.0300	0.8968	0.0698	0.0153	19	1.41	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.170	0.0000	0.8968	0.0698	0.0153	19	3.92	15%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	0.9050	0.2100	0.8968	0.0698	0.0153	19	0.12	0%	1
133.05	Proline, Pre-col AQC Der (%)	0407	0.8420	0.0240	0.9050	0.0553	0.0204	11	-1.14	3%	0
133.05	Proline, Pre-col AQC Der (%)	0148	0.8585	0.0110	0.9050	0.0553	0.0204	11	-0.84	3%	0
133.05	Proline, Pre-col AQC Der (%)	2188	0.8640	0.0000	0.9050	0.0553	0.0204	11	-0.74	2%	0
133.05	Proline, Pre-col AQC Der (%)	0676	0.8800	0.0200	0.9050	0.0553	0.0204	11	-0.45	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
133.05	Proline, Pre-col AQC Der (%)	0626	0.8890	0.0000	0.9050	0.0553	0.0204	11	-0.29	1%	0
133.05	Proline, Pre-col AQC Der (%)	2246	0.8927	0.0574	0.9050	0.0553	0.0204	11	-0.22	1%	0
133.05	Proline, Pre-col AQC Der (%)	0610	0.8950	0.0100	0.9050	0.0553	0.0204	11	-0.18	1%	0
133.05	Proline, Pre-col AQC Der (%)	2196	0.9180	0.0000	0.9050	0.0553	0.0204	11	0.24	1%	0
133.05	Proline, Pre-col AQC Der (%)	0870	0.9425	0.0050	0.9050	0.0553	0.0204	11	0.68	2%	0
133.05	Proline, Pre-col AQC Der (%)	2319	0.9850	0.0300	0.9050	0.0553	0.0204	11	1.45	4%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.020	0.0000	0.9050	0.0553	0.0204	11	2.08	6%	0
133.99	Proline, Miscellaneous (%)	0227	0.9450	0.0100	0.9975	0.0507	0.0200	4			0
133.99	Proline, Miscellaneous (%)	2146	0.9700	0.0200	0.9975	0.0507	0.0200	4			0
133.99	Proline, Miscellaneous (%)	0889	1.015	0.0300	0.9975	0.0507	0.0200	4			0
133.99	Proline, Miscellaneous (%)	2144	1.060	0.0000	0.9975	0.0507	0.0200	4			0
134.00	Serine, Post-col Ninhydrin Der (%)	2322	0.4397	0.0001	0.6865	0.0301	0.0146	20	-8.21	18%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.5850	0.0300	0.6865	0.0301	0.0146	20	-3.38	7%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.6570	0.0180	0.6865	0.0301	0.0146	20	-0.98	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2443	0.6687	0.0000	0.6865	0.0301	0.0146	20	-0.59	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.6700	0.0200	0.6865	0.0301	0.0146	20	-0.55	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.6705	0.0110	0.6865	0.0301	0.0146	20	-0.53	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.6740	0.0040	0.6865	0.0301	0.0146	20	-0.42	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.6748	0.0003	0.6865	0.0301	0.0146	20	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.6760	0.0000	0.6865	0.0301	0.0146	20	-0.35	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0684	0.6800	0.0000	0.6865	0.0301	0.0146	20	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.6800	0.0000	0.6865	0.0301	0.0146	20	-0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.6825	0.0250	0.6865	0.0301	0.0146	20	-0.13	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.7000	0.0400	0.6865	0.0301	0.0146	20	0.45	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0723	0.7065	0.0010	0.6865	0.0301	0.0146	20	0.66	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.7080	0.0180	0.6865	0.0301	0.0146	20	0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.7100	0.0200	0.6865	0.0301	0.0146	20	0.78	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.7114	0.0066	0.6865	0.0301	0.0146	20	0.83	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.7170	0.0120	0.6865	0.0301	0.0146	20	1.01	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.7300	0.0200	0.6865	0.0301	0.0146	20	1.45	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.7330	0.0000	0.6865	0.0301	0.0146	20	1.54	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.6190	0.0320				1			0
134.05	Serine, Pre-col AQC Der (%)	0610	0.6150	0.0100	0.7184	0.0656	0.0344	11	-1.57	7%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.6605	0.0030	0.7184	0.0656	0.0344	11	-0.88	4%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.6650	0.0000	0.7184	0.0656	0.0344	11	-0.81	4%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.6705	0.0390	0.7184	0.0656	0.0344	11	-0.73	3%	0
134.05	Serine, Pre-col AQC Der (%)	2195	0.7150	0.0100	0.7184	0.0656	0.0344	11	-0.05	0%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.7200	0.0000	0.7184	0.0656	0.0344	11	0.02	0%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.7450	0.0100	0.7184	0.0656	0.0344	11	0.41	2%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.7510	0.0520	0.7184	0.0656	0.0344	11	0.50	2%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.7790	0.0760	0.7184	0.0656	0.0344	11	0.92	4%	0
134.05	Serine, Pre-col AQC Der (%)	0676	0.7800	0.0000	0.7184	0.0656	0.0344	11	0.94	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
134.05	Serine, Pre-col AQC Der (%)	2246	0.7963	0.0749	0.7184	0.0656	0.0344	11	1.19	5%	0
134.99	Serine, Miscellaneous (%)	0227	0.6750	0.0100	0.7488	0.0953	0.0100	4			0
134.99	Serine, Miscellaneous (%)	2146	0.6750	0.0100	0.7488	0.0953	0.0100	4			0
134.99	Serine, Miscellaneous (%)	2144	0.7700	0.0000	0.7488	0.0953	0.0100	4			0
134.99	Serine, Miscellaneous (%)	0889	0.8750	0.0100	0.7488	0.0953	0.0100	4			0
135.00	Threonine, Post-col Ninhydrin Der (%)	2322	0.3221	0.0002	0.5119	0.0204	0.0081	19	-9.29	19%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.4870	0.0040	0.5119	0.0204	0.0081	19	-1.22	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.4945	0.0110	0.5119	0.0204	0.0081	19	-0.85	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.4950	0.0100	0.5119	0.0204	0.0081	19	-0.83	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.5000	0.0000	0.5119	0.0204	0.0081	19	-0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2443	0.5000	0.0000	0.5119	0.0204	0.0081	19	-0.58	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0684	0.5050	0.0100	0.5119	0.0204	0.0081	19	-0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.5076	0.0033	0.5119	0.0204	0.0081	19	-0.21	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.5080	0.0020	0.5119	0.0204	0.0081	19	-0.19	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.5090	0.0000	0.5119	0.0204	0.0081	19	-0.14	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.5100	0.0000	0.5119	0.0204	0.0081	19	-0.09	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.5120	0.0020	0.5119	0.0204	0.0081	19	0.00	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.5150	0.0100	0.5119	0.0204	0.0081	19	0.15	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.5190	0.0160	0.5119	0.0204	0.0081	19	0.35	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.5250	0.0100	0.5119	0.0204	0.0081	19	0.64	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0723	0.5335	0.0010	0.5119	0.0204	0.0081	19	1.06	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.5398	0.0152	0.5119	0.0204	0.0081	19	1.36	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.5420	0.0000	0.5119	0.0204	0.0081	19	1.47	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.5500	0.0200	0.5119	0.0204	0.0081	19	1.86	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.5325	0.0390	0.5119	0.0204	0.0081	19	1.01	2%	1
135.02	Threonine, Post-col OPA Der (%)	0098	0.4960	0.0060				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.4675	0.0070	0.5287	0.0372	0.0158	11	-1.65	6%	0
135.05	Threonine, Pre-col AQC Der (%)	0610	0.4900	0.0000	0.5287	0.0372	0.0158	11	-1.04	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.4945	0.0010	0.5287	0.0372	0.0158	11	-0.92	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.5100	0.0000	0.5287	0.0372	0.0158	11	-0.50	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.5300	0.0000	0.5287	0.0372	0.0158	11	0.04	0%	0
135.05	Threonine, Pre-col AQC Der (%)	0676	0.5350	0.0100	0.5287	0.0372	0.0158	11	0.17	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.5400	0.0200	0.5287	0.0372	0.0158	11	0.30	1%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.5505	0.0110	0.5287	0.0372	0.0158	11	0.59	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.5565	0.0250	0.5287	0.0372	0.0158	11	0.75	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.5610	0.0000	0.5287	0.0372	0.0158	11	0.87	3%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.5752	0.0376	0.5287	0.0372	0.0158	11	1.25	4%	0
135.99	Threonine, Miscellaneous (%)	2146	0.5150	0.0100	0.5575	0.0463	0.0100	4			0
135.99	Threonine, Miscellaneous (%)	0227	0.5200	0.0000	0.5575	0.0463	0.0100	4			0
135.99	Threonine, Miscellaneous (%)	0889	0.5950	0.0100	0.5575	0.0463	0.0100	4			0
135.99	Threonine, Miscellaneous (%)	2144	0.6000	0.0000	0.5575	0.0463	0.0100	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.5000	0.0376	0.5575	0.0463	0.0100	4			1

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2443	0.0856	0.0000	0.2169	0.0725	0.0003	6	-1.81	30%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2322	0.1953	0.0003	0.2169	0.0725	0.0003	6	-0.30	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2060	0.0000	0.2169	0.0725	0.0003	6	-0.15	3%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0684	0.2400	0.0000	0.2169	0.0725	0.0003	6	0.32	5%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.2600	0.0000	0.2169	0.0725	0.0003	6	0.59	10%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2920	0.0000	0.2169	0.0725	0.0003	6	1.04	17%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2060	0.0080	0.2169	0.0725	0.0003	6	-0.15	3%	1
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2175	0.0030				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.2185	0.0010				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2060	0.0060				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2060	0.0000	0.2121	0.0069	0.0039	8	-0.88	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2070	0.0004	0.2121	0.0069	0.0039	8	-0.73	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2071	0.0040	0.2121	0.0069	0.0039	8	-0.72	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2100	0.0000	0.2121	0.0069	0.0039	8	-0.30	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2100	0.0020	0.2121	0.0069	0.0039	8	-0.30	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2150	0.0000	0.2121	0.0069	0.0039	8	0.43	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2190	0.0033	0.2121	0.0069	0.0039	8	1.00	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.2350	0.0100	0.2121	0.0069	0.0039	8	3.33	5%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.1178	0.0047	0.1834	0.0548	0.0162	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.1680	0.0180	0.1834	0.0548	0.0162	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2000	0.0000	0.1834	0.0548	0.0162	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2480	0.0260	0.1834	0.0548	0.0162	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1600	0.0000				3			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.1684	0.0081				3			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.3975	0.0050				3			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2322	0.2642	0.0001	0.4247	0.0615	0.0179	17	-2.61	19%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.3390	0.0000	0.4247	0.0615	0.0179	17	-1.39	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.3500	0.0000	0.4247	0.0615	0.0179	17	-1.21	9%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2443	0.3765	0.0372	0.4247	0.0615	0.0179	17	-0.78	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0684	0.3900	0.0200	0.4247	0.0615	0.0179	17	-0.56	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.4100	0.0200	0.4247	0.0615	0.0179	17	-0.24	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.4150	0.0180	0.4247	0.0615	0.0179	17	-0.16	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.4200	0.0600	0.4247	0.0615	0.0179	17	-0.08	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.4230	0.0000	0.4247	0.0615	0.0179	17	-0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.4300	0.0160	0.4247	0.0615	0.0179	17	0.09	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.4500	0.0000	0.4247	0.0615	0.0179	17	0.41	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.4605	0.0110	0.4247	0.0615	0.0179	17	0.58	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0723	0.4695	0.0010	0.4247	0.0615	0.0179	17	0.73	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.4700	0.0400	0.4247	0.0615	0.0179	17	0.74	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.4727	0.0156	0.4247	0.0615	0.0179	17	0.78	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.4950	0.0100	0.4247	0.0615	0.0179	17	1.14	8%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.5400	0.0020	0.4247	0.0615	0.0179	17	1.87	14%	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	Rob R-bar	# Labs			
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.3805	0.0070				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.3685	0.0370	0.4491	0.0693	0.0259	11	-1.16	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.3883	0.0410	0.4491	0.0693	0.0259	11	-0.88	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.4080	0.0000	0.4491	0.0693	0.0259	11	-0.59	5%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.4145	0.0070	0.4491	0.0693	0.0259	11	-0.50	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.4150	0.0100	0.4491	0.0693	0.0259	11	-0.49	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.4230	0.0180	0.4491	0.0693	0.0259	11	-0.38	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.4510	0.0000	0.4491	0.0693	0.0259	11	0.03	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0610	0.4750	0.0100	0.4491	0.0693	0.0259	11	0.37	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2195	0.5100	0.0600	0.4491	0.0693	0.0259	11	0.88	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5340	0.0420	0.4491	0.0693	0.0259	11	1.23	9%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0676	0.5550	0.0100	0.4491	0.0693	0.0259	11	1.53	12%	0
137.99	Tyrosine, Miscellaneous (%)	0889	0.3975	0.0050	0.4406	0.0620	0.0117	4			0
137.99	Tyrosine, Miscellaneous (%)	0227	0.4000	0.0200	0.4406	0.0620	0.0117	4			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.4350	0.0100	0.4406	0.0620	0.0117	4			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.5300	0.0000	0.4406	0.0620	0.0117	4			0
138.00	Valine, Post-col Ninhydrin Der (%)	2322	0.4222	0.0002	0.6950	0.0410	0.0129	20	-6.65	20%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0684	0.5950	0.0300	0.6950	0.0410	0.0129	20	-2.44	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.6000	0.0200	0.6950	0.0410	0.0129	20	-2.32	7%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.6610	0.0040	0.6950	0.0410	0.0129	20	-0.83	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2443	0.6721	0.0000	0.6950	0.0410	0.0129	20	-0.56	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.6850	0.0100	0.6950	0.0410	0.0129	20	-0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.6880	0.0160	0.6950	0.0410	0.0129	20	-0.17	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.6900	0.0200	0.6950	0.0410	0.0129	20	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.6907	0.0016	0.6950	0.0410	0.0129	20	-0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.6970	0.0060	0.6950	0.0410	0.0129	20	0.05	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0723	0.6975	0.0010	0.6950	0.0410	0.0129	20	0.06	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.7000	0.0160	0.6950	0.0410	0.0129	20	0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.7050	0.0500	0.6950	0.0410	0.0129	20	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.7060	0.0000	0.6950	0.0410	0.0129	20	0.27	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.7103	0.0126	0.6950	0.0410	0.0129	20	0.37	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.7145	0.0090	0.6950	0.0410	0.0129	20	0.47	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	0.7350	0.0100	0.6950	0.0410	0.0129	20	0.97	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.7350	0.0300	0.6950	0.0410	0.0129	20	0.97	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.7660	0.0000	0.6950	0.0410	0.0129	20	1.73	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	0.7895	0.0030	0.6950	0.0410	0.0129	20	2.30	7%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.7205	0.0010				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.6140	0.0000	0.6868	0.0461	0.0180	11	-1.58	5%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.6250	0.0100	0.6868	0.0461	0.0180	11	-1.34	4%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.6560	0.0300	0.6868	0.0461	0.0180	11	-0.67	2%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.6810	0.0000	0.6868	0.0461	0.0180	11	-0.13	0%	0
138.05	Valine, Pre-col AQC Der (%)	0626	0.6860	0.0040	0.6868	0.0461	0.0180	11	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
138.05	Valine, Pre-col AQC Der (%)	2246	0.6893	0.0495	0.6868	0.0461	0.0180	11	0.05	0%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.6925	0.0010	0.6868	0.0461	0.0180	11	0.12	0%	0
138.05	Valine, Pre-col AQC Der (%)	0610	0.7150	0.0100	0.6868	0.0461	0.0180	11	0.61	2%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.7225	0.0250	0.6868	0.0461	0.0180	11	0.77	3%	0
138.05	Valine, Pre-col AQC Der (%)	2195	0.7250	0.0100	0.6868	0.0461	0.0180	11	0.83	3%	0
138.05	Valine, Pre-col AQC Der (%)	0676	0.7450	0.0300	0.6868	0.0461	0.0180	11	1.26	4%	0
138.99	Valine, Miscellaneous (%)	0889	0.6375	0.0050	0.7131	0.0558	0.0117	4			0
138.99	Valine, Miscellaneous (%)	2146	0.7050	0.0100	0.7131	0.0558	0.0117	4			0
138.99	Valine, Miscellaneous (%)	2144	0.7500	0.0000	0.7131	0.0558	0.0117	4			0
138.99	Valine, Miscellaneous (%)	0227	0.7600	0.0200	0.7131	0.0558	0.0117	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	2443	0.0461	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0560	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1800	0.0000				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.99	Taurine, Miscellaneous (%)	0227	0.0150	0.0100				2			0
139.99	Taurine, Miscellaneous (%)	0889	0.0200	0.0000				2			0
160.99	Fructose, Miscellaneous (%)	0619	0.0905	0.0010				3			0
160.99	Fructose, Miscellaneous (%)	0148	0.2170	0.0240				3			0
160.99	Fructose, Miscellaneous (%)	0227	0.2750	0.0300				3			0
162.99	Glucose, Miscellaneous (%)	0619	0.0755	0.0010				2			0
162.99	Glucose, Miscellaneous (%)	0227	0.2250	0.0100				2			0
163.99	Lactose, Miscellaneous (%)	0619	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.99	Maltose, Miscellaneous (%)	0227	0.3750	0.0300				1			0
165.99	Sucrose, Miscellaneous (%)	0619	1.585	0.0300				3			0
165.99	Sucrose, Miscellaneous (%)	0227	1.660	0.0400				3			0
165.99	Sucrose, Miscellaneous (%)	0148	1.775	0.1100				3			0
166.99	Raffinose, Miscellaneous (%)	0227	0.7500	0.0000				1			0
167.99	Stachyose, Miscellaneous (%)	0227	< 0.05					0			5
351.00	Chlortetracycline, Plate (ppm)	0218	11.42	0.9315				1			0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0038	12.15	0.1000				1			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0148	2.675	0.2300				2			0
351.05	Chlortetracycline, LC-MS/MS (ppm)	0884	9.650	0.7000				2			0
354.01	Decoquinatate, LC (UV or FL) (ppm)	2135	134.2	3.800	155.8	9.889	3.604	8	-2.19	7%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0047	149.2	2.250	155.8	9.889	3.604	8	-0.67	2%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0038	150.5	3.000	155.8	9.889	3.604	8	-0.54	2%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0028	153.5	12.50	155.8	9.889	3.604	8	-0.24	1%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0010	160.5	1.500	155.8	9.889	3.604	8	0.47	1%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0032	161.0	4.000	155.8	9.889	3.604	8	0.52	2%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0218	165.5	5.100	155.8	9.889	3.604	8	0.97	3%	0
354.01	Decoquinatate, LC (UV or FL) (ppm)	0001	165.5	3.000	155.8	9.889	3.604	8	0.98	3%	0
354.02	Decoquinatate, LC (ppm)	0512	155.6	4.800	161.1	4.151	2.325	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
354.02	Decoquinatate, LC (ppm)	0036	160.8	0.5000	161.1	4.151	2.325	4			0
354.02	Decoquinatate, LC (ppm)	0013	162.5	1.000	161.1	4.151	2.325	4			0
354.02	Decoquinatate, LC (ppm)	0033	165.5	3.000	161.1	4.151	2.325	4			0
354.03	Decoquinatate, LC-MS (ppm)	0003	142.1	8.600				1			0
354.04	Decoquinatate, LC-MS/MS (ppm)	0148	118.0	2.050				3			0
354.04	Decoquinatate, LC-MS/MS (ppm)	2113	120.0	0.0000				3			0
354.04	Decoquinatate, LC-MS/MS (ppm)	0875	165.0	10.00				3			0
361.05	Lasalocid Sodium, LC-MS/MS (ppm)	2113	0.3150	0.1300				1			0
365.00	Monensin, Plate (ppm)	0027	20.34	0.3890				1			0
365.02	Monensin, LC (ppm)	0910	17.70	0.6000				3			0
365.02	Monensin, LC (ppm)	0032	18.12	0.4300				3			0
365.02	Monensin, LC (ppm)	0610	19.10	0.8000				3			0
365.03	Monensin, LC-PCD (ppm)	0590	15.85	0.9000	19.14	1.018	0.7162	7	-3.23	9%	0
365.03	Monensin, LC-PCD (ppm)	0035	18.09	0.1200	19.14	1.018	0.7162	7	-1.03	3%	0
365.03	Monensin, LC-PCD (ppm)	0148	19.46	0.4660	19.14	1.018	0.7162	7	0.32	1%	0
365.03	Monensin, LC-PCD (ppm)	0036	19.55	1.300	19.14	1.018	0.7162	7	0.41	1%	0
365.03	Monensin, LC-PCD (ppm)	0218	19.70	0.2000	19.14	1.018	0.7162	7	0.55	1%	0
365.03	Monensin, LC-PCD (ppm)	0010	19.75	2.100	19.14	1.018	0.7162	7	0.60	2%	0
365.03	Monensin, LC-PCD (ppm)	0033	19.80	0.2000	19.14	1.018	0.7162	7	0.65	2%	0
365.04	Monensin, LC-MS (ppm)	0964	19.57	0.1102				2			0
365.04	Monensin, LC-MS (ppm)	0003	20.30	2.000				2			0
365.05	Monensin, LC-MS/MS (ppm)	0884	13.60	0.4000	18.82	1.899	1.098	7	-2.75	14%	0
365.05	Monensin, LC-MS/MS (ppm)	0148	17.68	0.0200	18.82	1.899	1.098	7	-0.60	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0028	17.90	0.2000	18.82	1.899	1.098	7	-0.48	2%	0
365.05	Monensin, LC-MS/MS (ppm)	0875	19.50	1.000	18.82	1.899	1.098	7	0.36	2%	0
365.05	Monensin, LC-MS/MS (ppm)	2113	20.00	2.000	18.82	1.899	1.098	7	0.62	3%	0
365.05	Monensin, LC-MS/MS (ppm)	0038	20.10	4.000	18.82	1.899	1.098	7	0.68	3%	0
365.05	Monensin, LC-MS/MS (ppm)	2443	20.57	1.217	18.82	1.899	1.098	7	0.92	5%	0
365.99	Monensin, Miscellaneous (ppm)	0668	19.47	0.0800				1			0
379.05	Salinomycin, LC-MS/MS (ppm)	2113	< 0.25					0			5
391.03	Narasin, LC-MS/MS (ppm)	2113	< 0.25					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.4440	0.0020	0.4732	0.0236	0.0088	13	-1.24	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2174	0.4460	0.0380	0.4732	0.0236	0.0088	13	-1.15	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.4542	0.0005	0.4732	0.0236	0.0088	13	-0.81	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.4590	0.0140	0.4732	0.0236	0.0088	13	-0.60	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.4625	0.0070	0.4732	0.0236	0.0088	13	-0.45	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.4655	0.0070	0.4732	0.0236	0.0088	13	-0.33	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0171	0.4700	0.0200	0.4732	0.0236	0.0088	13	-0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.4736	0.0017	0.4732	0.0236	0.0088	13	0.01	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.4850	0.0100	0.4732	0.0236	0.0088	13	0.50	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.4858	0.0007	0.4732	0.0236	0.0088	13	0.53	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.4975	0.0070	0.4732	0.0236	0.0088	13	1.03	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs	Z Score	%RSD	
400.01	Water Activity, Aqualab chilled mirror (Units)	0010	0.5018	0.0159	0.4732	0.0236	0.0088	13	1.21	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5069	0.0076	0.4732	0.0236	0.0088	13	1.43	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0921	2,133	4,265	0.4732	0.0236	0.0088	13	>100	225303%	2
400.99	Water Activity, Miscellaneous (Units)	0910	0.4670	0.0060				2			0
400.99	Water Activity, Miscellaneous (Units)	0676	0.4995	0.0070				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.1000	0.0400				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	2022	0.1076	0.0052				2			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0619	0.0180	0.0020				1			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					1			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.1066	0.0038				2			0
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	0.1200	0.0200				2			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.1194	0.0057				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.1260	0.0100				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0010	0.1320	0.0360				3			0
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.0969	0.0006				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0836	0.0068				2			0
518.41	Cadmium, ICP, Dry ash (ppm)	0619	0.0905	0.0010				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1027	0.0045				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					1			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.0900	0.0000				2			0
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0937	0.0032				2			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0911	0.0002	0.1022	0.0092	0.0063	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0010	0.0995	0.0070	0.1022	0.0092	0.0063	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0610	0.1050	0.0100	0.1022	0.0092	0.0063	4			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1130	0.0080	0.1022	0.0092	0.0063	4			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.1040	0.0018				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0619	4.405	0.3100				2			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	5.558	0.0111				2			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	9.385	0.1300				1			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	8.013	0.1982				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	9.640	0.0000				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	10.14	0.5200				3			0
520.51	Chromium, Total (Cr), ICP-MS, Dry ash (ppm)	0910	1.425	0.1100				1			0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	1.696	0.0025				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0010	3.975	0.3900	7.988	2.758	0.4716	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	8.505	0.1700	7.988	2.758	0.4716	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	9.333	0.4062	7.988	2.758	0.4716	4			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	10.14	0.9200	7.988	2.758	0.4716	4			0
526.31	Lead, AAS, Dry ash (ppm)	0921	1.813	0.3350				1			0
526.34	Lead, AAS, Graphite furnace (ppm)	2022	0.1536	0.0064				1			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1474	0.0003				1			0
526.41	Lead, ICP, Dry ash (ppm)	0619	0.0005	0.0010				1			4

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	Rob R-bar	# Labs			
526.43	Lead, ICP, Microwave (ppm)	0407	0.1180	0.0017				1		0	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	0.1200	0.0000				2		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1276	0.0083				2		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1057	0.0057				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1295	0.0070				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0610	0.1300	0.0000				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0010	0.1610	0.0560				3		1	
529.99	Mercury, Miscellaneous (ppb)	0407	2.315	0.0092				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)	0407	4.351	0.0284				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	4.685	0.0547				2		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	5.940	0.0000				2		0	
539.51	Nickel, ICP-MS, Dry ash (ppm)	0910	1.455	0.0300				1		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.535	0.0496				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0010	2.265	0.0100				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	5.065	0.0758				3		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0939	5.270	0.0800				3		0	
702.00	Butyric Acid (4:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
704.00	Caproic Acid (6:0), Miscellaneous GC (%)	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	0.0020	0.0000				1		0	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0910	< 0.05					1		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0079	0.0001				1		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.6173	0.0026				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.6760	0.0380				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0075	0.0010				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0085	0.0002				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02					2		5	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0642	0.0001				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0775	0.0070				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.6663	0.0196				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.6825	0.0210				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	1.820	0.0360				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	Rob R-bar	# Labs			
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0226	1.930	0.0400				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0676	1.999	0.0250				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0164	0.1155	0.0050				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0226	0.1202	0.0017				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	0.1285	0.0050				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0104	0.0003				1		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0226	0.0166	0.0005				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0226	< 0.005					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0910	< 0.05					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0091	0.0003				1		0	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (%)	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (%)	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c,19c-22:5), Miscellaneous (%)	0910	< 0.05					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0118	0.0004				1		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0164	< 0.02					1		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%)	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%)	0164	< 0.02					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c,22:6), Miscellaneous (%)	0910	< 0.05					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%)	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (%)	0164	0.1170	0.0060				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (%)	0676	0.1300	0.0000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (%)	0164	1.827	0.0360				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (%)	0676	2.000	0.0200				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	0.8245	0.0550				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (%)	0164	0.7660	0.0220				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (%)	0164	1.948	0.0400				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (%)	0164	3.727	0.1470				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	3.470	0.0600				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	3.563	0.1410				2		0	

Note 1: Interpreting Z Scores: Red indicates a normally distributed Z value >3 or <-3 (requires action), Orange = Z between 2 and 3 or between -2 and -3 (warning)

Method Code	Analyte Name and Method (Units) and Green = Z <= 2 and >= -2 (OK at 95%).	Lab Code	Lab Data		Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob Mean	Robust SD	Rob R-bar	# Labs			
<p>Note 2: Data Not Used Flags: 1=Rejected for duplicates too far apart, 2=Rejected as extreme outlier, 5=Reporting limit (<), 4=Zeros submitted as values and 3=Statistical problem. Flag 0 indicates data used in calculations.</p> <p>Note 3: 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). A zero range is not included in robust R-bar calculation.</p>											