



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Cottonseed Meal

Test Material Code # 202328

Method Proficiency Testing Report

Labs Reporting: 166

Methods Reported 384

Issue Date : 09/30/2023

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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	0.2000	0.0000				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	8.658	0.0721	8.926	0.2373	0.0463	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	8.850	0.1000	8.926	0.2373	0.0463	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	8.970	0.0030	8.926	0.2373	0.0463	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.225	0.0100	8.926	0.2373	0.0463	4		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	9.085	0.0500				2		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	9.335	0.1300				2		0	
001.05	Loss on Drying, LECO (%)	0644	8.919	0.0000				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	5.710	0.1800	8.767	0.3428	0.1058	46	-8.92	17%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2442	7.030	0.0800	8.767	0.3428	0.1058	46	-5.07	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0019	7.580	0.3600	8.767	0.3428	0.1058	46	-3.46	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.775	0.1500	8.767	0.3428	0.1058	46	-2.89	6%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	8.120	0.0740	8.767	0.3428	0.1058	46	-1.89	4%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.270	0.3000	8.767	0.3428	0.1058	46	-1.45	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	8.325	0.0300	8.767	0.3428	0.1058	46	-1.29	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	8.450	0.1000	8.767	0.3428	0.1058	46	-0.92	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	8.475	0.0300	8.767	0.3428	0.1058	46	-0.85	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0010	8.500	0.0000	8.767	0.3428	0.1058	46	-0.78	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.510	0.0200	8.767	0.3428	0.1058	46	-0.75	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	8.535	0.0300	8.767	0.3428	0.1058	46	-0.68	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	8.555	0.0300	8.767	0.3428	0.1058	46	-0.62	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	8.565	0.1700	8.767	0.3428	0.1058	46	-0.59	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0038	8.605	0.0300	8.767	0.3428	0.1058	46	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	8.675	0.0100	8.767	0.3428	0.1058	46	-0.27	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	8.680	0.2600	8.767	0.3428	0.1058	46	-0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0590	8.695	0.2900	8.767	0.3428	0.1058	46	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	8.710	0.0200	8.767	0.3428	0.1058	46	-0.17	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	8.726	0.0089	8.767	0.3428	0.1058	46	-0.12	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	8.750	0.0200	8.767	0.3428	0.1058	46	-0.05	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	8.775	0.0300	8.767	0.3428	0.1058	46	0.02	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	8.814	0.0312	8.767	0.3428	0.1058	46	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2445	8.815	0.0100	8.767	0.3428	0.1058	46	0.14	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	8.830	0.1400	8.767	0.3428	0.1058	46	0.18	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0689	8.850	0.1000	8.767	0.3428	0.1058	46	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	8.854	0.0020	8.767	0.3428	0.1058	46	0.25	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	8.865	0.2300	8.767	0.3428	0.1058	46	0.29	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	8.939	0.0870	8.767	0.3428	0.1058	46	0.50	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	8.940	0.0800	8.767	0.3428	0.1058	46	0.51	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	8.945	0.2300	8.767	0.3428	0.1058	46	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	8.950	0.1000	8.767	0.3428	0.1058	46	0.53	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	8.965	0.2500	8.767	0.3428	0.1058	46	0.58	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	8.975	0.3300	8.767	0.3428	0.1058	46	0.61	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0366	9.050	0.1000	8.767	0.3428	0.1058	46	0.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.050	0.0000	8.767	0.3428	0.1058	46	0.83	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	9.055	0.0100	8.767	0.3428	0.1058	46	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.055	0.0300	8.767	0.3428	0.1058	46	0.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.060	0.0000	8.767	0.3428	0.1058	46	0.86	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.085	0.0100	8.767	0.3428	0.1058	46	0.93	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.100	0.0600	8.767	0.3428	0.1058	46	0.97	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.105	0.0100	8.767	0.3428	0.1058	46	0.99	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	9.160	0.5800	8.767	0.3428	0.1058	46	1.15	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.180	0.0400	8.767	0.3428	0.1058	46	1.21	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	9.335	0.1300	8.767	0.3428	0.1058	46	1.66	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0199	10.03	0.3100	8.767	0.3428	0.1058	46	3.67	7%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.520	1.187	8.767	0.3428	0.1058	46	2.20	4%	1
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.950	1.900	8.767	0.3428	0.1058	46	3.45	7%	1
001.99	Loss on Drying, Miscellaneous (%)	2155	6.585	0.3300	8.687	0.7875	0.1055	22	-2.67	12%	0
001.99	Loss on Drying, Miscellaneous (%)	0618	6.740	0.0800	8.687	0.7875	0.1055	22	-2.47	11%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	7.725	0.1500	8.687	0.7875	0.1055	22	-1.22	6%	0
001.99	Loss on Drying, Miscellaneous (%)	0941	7.950	0.2400	8.687	0.7875	0.1055	22	-0.94	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	8.066	0.0791	8.687	0.7875	0.1055	22	-0.79	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	8.075	0.1100	8.687	0.7875	0.1055	22	-0.78	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	8.505	0.0300	8.687	0.7875	0.1055	22	-0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2392	8.505	0.0100	8.687	0.7875	0.1055	22	-0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	8.520	0.0600	8.687	0.7875	0.1055	22	-0.21	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0651	8.567	0.0273	8.687	0.7875	0.1055	22	-0.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.570	0.0200	8.687	0.7875	0.1055	22	-0.15	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	8.750	0.1000	8.687	0.7875	0.1055	22	0.08	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0037	8.765	0.2300	8.687	0.7875	0.1055	22	0.10	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	8.820	0.0200	8.687	0.7875	0.1055	22	0.17	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	8.965	0.1100	8.687	0.7875	0.1055	22	0.35	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.100	0.1800	8.687	0.7875	0.1055	22	0.52	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.250	0.1000	8.687	0.7875	0.1055	22	0.71	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	9.265	0.1700	8.687	0.7875	0.1055	22	0.73	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0914	9.405	0.0900	8.687	0.7875	0.1055	22	0.91	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0019	9.635	0.0100	8.687	0.7875	0.1055	22	1.20	5%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.835	0.1900	8.687	0.7875	0.1055	22	1.46	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.840	0.0934	8.687	0.7875	0.1055	22	1.46	7%	0
001.99	Loss on Drying, Miscellaneous (%)	0560	8.425	0.7500	8.687	0.7875	0.1055	22	-0.33	2%	1
002.00	Protein, Crude, Crude (%)	2433	39.75	0.3000				3			0
002.00	Protein, Crude, Crude (%)	0169	40.00	0.6200				3			0
002.00	Protein, Crude, Crude (%)	2345	40.95	0.2900				3			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	39.55	0.1600	40.52	0.4566	0.2647	19	-2.12	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2442	39.64	0.4500	40.52	0.4566	0.2647	19	-1.94	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	39.85	0.4000	40.52	0.4566	0.2647	19	-1.47	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	40.30	0.2900	40.52	0.4566	0.2647	19	-0.49	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	40.35	0.5000	40.52	0.4566	0.2647	19	-0.37	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2445	40.38	0.0500	40.52	0.4566	0.2647	19	-0.32	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	40.40	0.0900	40.52	0.4566	0.2647	19	-0.27	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	40.40	0.2000	40.52	0.4566	0.2647	19	-0.26	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	40.40	0.1600	40.52	0.4566	0.2647	19	-0.26	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	40.45	0.0000	40.52	0.4566	0.2647	19	-0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	40.53	0.0000	40.52	0.4566	0.2647	19	0.02	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	40.67	0.0000	40.52	0.4566	0.2647	19	0.33	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	40.68	0.4130	40.52	0.4566	0.2647	19	0.34	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	40.76	0.2210	40.52	0.4566	0.2647	19	0.52	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	40.88	0.1300	40.52	0.4566	0.2647	19	0.78	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0043	40.93	0.4810	40.52	0.4566	0.2647	19	0.89	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2397	41.01	0.4700	40.52	0.4566	0.2647	19	1.06	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	41.05	0.0200	40.52	0.4566	0.2647	19	1.16	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	41.80	0.2000	40.52	0.4566	0.2647	19	2.80	2%	0
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	40.20	0.3800				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	40.01	1.200				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	39.08	0.0510	40.25	0.6726	0.2185	20	-1.74	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	39.29	0.0100	40.25	0.6726	0.2185	20	-1.44	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	39.51	0.1300	40.25	0.6726	0.2185	20	-1.12	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	39.65	0.1300	40.25	0.6726	0.2185	20	-0.91	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	39.80	0.0800	40.25	0.6726	0.2185	20	-0.68	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	39.88	0.3600	40.25	0.6726	0.2185	20	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	39.92	0.2500	40.25	0.6726	0.2185	20	-0.51	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	39.98	0.0386	40.25	0.6726	0.2185	20	-0.41	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	40.19	0.4500	40.25	0.6726	0.2185	20	-0.10	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	40.26	0.5000	40.25	0.6726	0.2185	20	0.01	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	40.41	0.0400	40.25	0.6726	0.2185	20	0.23	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	40.43	0.2600	40.25	0.6726	0.2185	20	0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	40.45	0.5000	40.25	0.6726	0.2185	20	0.29	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	40.48	0.0233	40.25	0.6726	0.2185	20	0.33	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	0622	40.68	0.0465	40.25	0.6726	0.2185	20	0.64	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	40.70	0.4000	40.25	0.6726	0.2185	20	0.66	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	40.85	0.1400	40.25	0.6726	0.2185	20	0.88	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	40.93	0.2700	40.25	0.6726	0.2185	20	1.00	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	41.20	0.2802	40.25	0.6726	0.2185	20	1.41	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2392	41.37	0.4100	40.25	0.6726	0.2185	20	1.65	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	40.08	1.250	40.25	0.6726	0.2185	20	-0.27	0%	1
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	47.27	0.0500	40.25	0.6726	0.2185	20	10.42	9%	2
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	37.99	0.1700	41.01	0.6353	0.4848	108	-4.76	4%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	38.95	0.5000	41.01	0.6353	0.4848	108	-3.24	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	39.00	0.8000	41.01	0.6353	0.4848	108	-3.16	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	39.65	0.5000	41.01	0.6353	0.4848	108	-2.13	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	39.65	0.5000	41.01	0.6353	0.4848	108	-2.13	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0006	39.83	0.2500	41.01	0.6353	0.4848	108	-1.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	39.99	0.0000	41.01	0.6353	0.4848	108	-1.60	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2184	40.05	2.360	41.01	0.6353	0.4848	108	-1.50	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	40.17	2.320	41.01	0.6353	0.4848	108	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	40.18	0.0200	41.01	0.6353	0.4848	108	-1.30	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	40.21	0.8800	41.01	0.6353	0.4848	108	-1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0009	40.27	0.4800	41.01	0.6353	0.4848	108	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	40.27	0.3400	41.01	0.6353	0.4848	108	-1.16	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	40.30	1.200	41.01	0.6353	0.4848	108	-1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0354	40.33	0.3100	41.01	0.6353	0.4848	108	-1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	40.35	0.2500	41.01	0.6353	0.4848	108	-1.04	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	40.40	0.8900	41.01	0.6353	0.4848	108	-0.96	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	40.40	1.000	41.01	0.6353	0.4848	108	-0.95	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	40.45	0.1000	41.01	0.6353	0.4848	108	-0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	40.47	0.1800	41.01	0.6353	0.4848	108	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	40.47	0.2800	41.01	0.6353	0.4848	108	-0.84	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	40.50	0.6000	41.01	0.6353	0.4848	108	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	40.50	0.6000	41.01	0.6353	0.4848	108	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	40.54	0.3570	41.01	0.6353	0.4848	108	-0.73	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	40.57	0.0000	41.01	0.6353	0.4848	108	-0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	40.57	1.060	41.01	0.6353	0.4848	108	-0.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	40.59	0.5670	41.01	0.6353	0.4848	108	-0.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	40.59	0.5063	41.01	0.6353	0.4848	108	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	40.60	0.2100	41.01	0.6353	0.4848	108	-0.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	40.60	0.6000	41.01	0.6353	0.4848	108	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	40.60	0.1800	41.01	0.6353	0.4848	108	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	40.62	0.6700	41.01	0.6353	0.4848	108	-0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	40.69	0.3100	41.01	0.6353	0.4848	108	-0.51	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	40.71	0.6100	41.01	0.6353	0.4848	108	-0.47	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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	0948	40.72	0.3590	41.01	0.6353	0.4848	108	-0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	40.74	1.360	41.01	0.6353	0.4848	108	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	40.76	0.5810	41.01	0.6353	0.4848	108	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	40.77	0.4900	41.01	0.6353	0.4848	108	-0.38	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	40.80	0.2300	41.01	0.6353	0.4848	108	-0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	40.80	0.4000	41.01	0.6353	0.4848	108	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	40.80	0.4000	41.01	0.6353	0.4848	108	-0.32	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	40.81	0.0000	41.01	0.6353	0.4848	108	-0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	40.81	0.4940	41.01	0.6353	0.4848	108	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	40.83	0.2730	41.01	0.6353	0.4848	108	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0590	40.84	1.030	41.01	0.6353	0.4848	108	-0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	40.84	0.0000	41.01	0.6353	0.4848	108	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	40.85	0.1000	41.01	0.6353	0.4848	108	-0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	40.86	0.5200	41.01	0.6353	0.4848	108	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	40.87	0.3000	41.01	0.6353	0.4848	108	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	40.91	0.3470	41.01	0.6353	0.4848	108	-0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	40.93	0.2400	41.01	0.6353	0.4848	108	-0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	40.95	1.500	41.01	0.6353	0.4848	108	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2375	40.97	0.1700	41.01	0.6353	0.4848	108	-0.06	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	40.98	0.0700	41.01	0.6353	0.4848	108	-0.05	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	41.03	0.5090	41.01	0.6353	0.4848	108	0.03	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	41.05	0.5000	41.01	0.6353	0.4848	108	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	41.09	0.1500	41.01	0.6353	0.4848	108	0.12	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	41.09	0.1400	41.01	0.6353	0.4848	108	0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	41.09	0.0620	41.01	0.6353	0.4848	108	0.14	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	41.10	0.4000	41.01	0.6353	0.4848	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0366	41.10	1.600	41.01	0.6353	0.4848	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0880	41.10	0.6000	41.01	0.6353	0.4848	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	41.10	0.2000	41.01	0.6353	0.4848	108	0.15	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	41.12	0.0500	41.01	0.6353	0.4848	108	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	41.13	0.3400	41.01	0.6353	0.4848	108	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	41.15	1.300	41.01	0.6353	0.4848	108	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	41.15	0.1000	41.01	0.6353	0.4848	108	0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	41.17	0.2600	41.01	0.6353	0.4848	108	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	41.18	0.1300	41.01	0.6353	0.4848	108	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0199	41.18	0.5900	41.01	0.6353	0.4848	108	0.27	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0208	41.20	1.200	41.01	0.6353	0.4848	108	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	41.20	0.8000	41.01	0.6353	0.4848	108	0.31	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	41.23	0.5240	41.01	0.6353	0.4848	108	0.36	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	41.26	0.2700	41.01	0.6353	0.4848	108	0.39	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	41.27	0.1400	41.01	0.6353	0.4848	108	0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	41.29	0.0500	41.01	0.6353	0.4848	108	0.44	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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	0413	41.30	1.800	41.01	0.6353	0.4848	108	0.46	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	41.30	0.4531	41.01	0.6353	0.4848	108	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	41.31	0.8700	41.01	0.6353	0.4848	108	0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	41.40	1.400	41.01	0.6353	0.4848	108	0.62	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	41.42	0.4700	41.01	0.6353	0.4848	108	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	41.44	0.6200	41.01	0.6353	0.4848	108	0.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	41.49	0.8000	41.01	0.6353	0.4848	108	0.76	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	41.50	0.6300	41.01	0.6353	0.4848	108	0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	41.54	0.0500	41.01	0.6353	0.4848	108	0.83	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	41.56	1.510	41.01	0.6353	0.4848	108	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	41.60	0.1900	41.01	0.6353	0.4848	108	0.93	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	41.61	0.6100	41.01	0.6353	0.4848	108	0.94	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	41.65	0.0400	41.01	0.6353	0.4848	108	1.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0646	41.66	0.1500	41.01	0.6353	0.4848	108	1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	41.69	0.1290	41.01	0.6353	0.4848	108	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0037	41.69	0.0200	41.01	0.6353	0.4848	108	1.08	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	41.71	0.4210	41.01	0.6353	0.4848	108	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	41.71	1.272	41.01	0.6353	0.4848	108	1.11	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	41.75	1.300	41.01	0.6353	0.4848	108	1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	41.82	0.2700	41.01	0.6353	0.4848	108	1.27	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0644	41.82	0.3460	41.01	0.6353	0.4848	108	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	41.83	1.118	41.01	0.6353	0.4848	108	1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	41.90	0.2910	41.01	0.6353	0.4848	108	1.41	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	41.93	0.4200	41.01	0.6353	0.4848	108	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	41.93	0.0200	41.01	0.6353	0.4848	108	1.45	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	41.98	1.000	41.01	0.6353	0.4848	108	1.53	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	42.05	0.0813	41.01	0.6353	0.4848	108	1.65	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	42.08	0.3100	41.01	0.6353	0.4848	108	1.68	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	42.20	0.0000	41.01	0.6353	0.4848	108	1.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	42.25	1.100	41.01	0.6353	0.4848	108	1.96	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0596	42.27	0.0500	41.01	0.6353	0.4848	108	1.98	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	42.35	0.1000	41.01	0.6353	0.4848	108	2.12	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	36.05	5.500	41.01	0.6353	0.4848	108	-7.80	6%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	34.00	1.500	41.01	0.6353	0.4848	108	-11.03	9%	2
002.08	Protein, Crude, Cu/Ti (%)	0563	40.07	0.0332				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	40.54	0.3300				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	40.53	0.2600				1			0
002.11	Protein, Crude, NIR (%)	0852	36.32	0.6800				3			0
002.11	Protein, Crude, NIR (%)	0889	40.08	0.6000				3			0
002.11	Protein, Crude, NIR (%)	0297	40.79	1.320				3			0
002.99	Protein, Crude, Miscellaneous (%)	2276	36.67	0.7600				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.105	0.0500	3.703	0.4456	0.0392	8	-1.34	8%	0

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003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.230	0.1200	3.703	0.4456	0.0392	8	-1.06	6%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0043	3.450	0.0200	3.703	0.4456	0.0392	8	-0.57	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0035	3.800	0.0200	3.703	0.4456	0.0392	8	0.22	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	3.900	0.0000	3.703	0.4456	0.0392	8	0.44	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2442	3.955	0.0300	3.703	0.4456	0.0392	8	0.57	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	3.980	0.0400	3.703	0.4456	0.0392	8	0.62	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.200	0.0000	3.703	0.4456	0.0392	8	1.12	7%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.115	0.2700	3.703	0.4456	0.0392	8	-1.32	8%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.370	0.1000				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	3.596	0.0389				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	4.165	0.0100				3			0
003.06	Fat, Crude, Pet Ether (%)	0169	3.005	0.0500	3.376	0.3712	0.1028	13	-1.00	5%	0
003.06	Fat, Crude, Pet Ether (%)	2392	3.005	0.0100	3.376	0.3712	0.1028	13	-1.00	5%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.050	0.0000	3.376	0.3712	0.1028	13	-0.88	5%	0
003.06	Fat, Crude, Pet Ether (%)	0939	3.070	0.0600	3.376	0.3712	0.1028	13	-0.82	5%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.135	0.2100	3.376	0.3712	0.1028	13	-0.65	4%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.250	0.1600	3.376	0.3712	0.1028	13	-0.34	2%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.350	0.1000	3.376	0.3712	0.1028	13	-0.07	0%	0
003.06	Fat, Crude, Pet Ether (%)	0297	3.430	0.2000	3.376	0.3712	0.1028	13	0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.505	0.1300	3.376	0.3712	0.1028	13	0.35	2%	0
003.06	Fat, Crude, Pet Ether (%)	0199	3.555	0.0100	3.376	0.3712	0.1028	13	0.48	3%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.700	0.2000	3.376	0.3712	0.1028	13	0.87	5%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.896	0.0010	3.376	0.3712	0.1028	13	1.40	8%	0
003.06	Fat, Crude, Pet Ether (%)	0682	4.090	0.0000	3.376	0.3712	0.1028	13	1.92	11%	0
003.06	Fat, Crude, Pet Ether (%)	0687	4.250	0.5000	3.376	0.3712	0.1028	13	2.36	13%	1
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	3.358	0.2240	3.548	0.1391	0.1471	9	-1.37	3%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.435	0.0900	3.548	0.1391	0.1471	9	-0.82	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0590	3.465	0.5500	3.548	0.1391	0.1471	9	-0.60	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.505	0.2700	3.548	0.1391	0.1471	9	-0.31	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0027	3.508	0.0190	3.548	0.1391	0.1471	9	-0.29	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.610	0.1000	3.548	0.1391	0.1471	9	0.44	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.670	0.0400	3.548	0.1391	0.1471	9	0.87	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	3.675	0.1700	3.548	0.1391	0.1471	9	0.91	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.710	0.0800	3.548	0.1391	0.1471	9	1.16	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	2.825	0.0900	3.216	0.2315	0.0902	30	-1.69	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	2.875	0.0900	3.216	0.2315	0.0902	30	-1.47	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	2.967	0.2780	3.216	0.2315	0.0902	30	-1.08	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	2.985	0.0300	3.216	0.2315	0.0902	30	-1.00	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	2.996	0.0550	3.216	0.2315	0.0902	30	-0.95	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	3.010	0.3600	3.216	0.2315	0.0902	30	-0.89	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.020	0.0212	3.216	0.2315	0.0902	30	-0.85	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.075	0.1500	3.216	0.2315	0.0902	30	-0.61	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.090	0.0126	3.216	0.2315	0.0902	30	-0.54	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.105	0.0100	3.216	0.2315	0.0902	30	-0.48	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.115	0.3500	3.216	0.2315	0.0902	30	-0.44	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	3.123	0.0493	3.216	0.2315	0.0902	30	-0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2184	3.125	0.0500	3.216	0.2315	0.0902	30	-0.39	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.160	0.0200	3.216	0.2315	0.0902	30	-0.24	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.175	0.0500	3.216	0.2315	0.0902	30	-0.18	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.225	0.0100	3.216	0.2315	0.0902	30	0.04	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.250	0.1000	3.216	0.2315	0.0902	30	0.15	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.270	0.1000	3.216	0.2315	0.0902	30	0.23	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.280	0.1200	3.216	0.2315	0.0902	30	0.28	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.310	0.0000	3.216	0.2315	0.0902	30	0.40	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.330	0.0600	3.216	0.2315	0.0902	30	0.49	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	3.340	0.0000	3.216	0.2315	0.0902	30	0.53	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.355	0.1633	3.216	0.2315	0.0902	30	0.60	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2397	3.355	0.0300	3.216	0.2315	0.0902	30	0.60	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0366	3.400	0.4000	3.216	0.2315	0.0902	30	0.79	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.430	0.1200	3.216	0.2315	0.0902	30	0.92	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.575	0.0500	3.216	0.2315	0.0902	30	1.55	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.635	0.1500	3.216	0.2315	0.0902	30	1.81	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	3.665	0.1100	3.216	0.2315	0.0902	30	1.94	7%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	3.750	0.1000	3.216	0.2315	0.0902	30	2.31	8%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.965	0.6700	3.216	0.2315	0.0902	30	3.23	12%	1
003.11	Fat, Crude, NIR (%)	0297	4.095	0.0500				3			0
003.11	Fat, Crude, NIR (%)	0889	4.190	0.1000				3			0
003.11	Fat, Crude, NIR (%)	0852	4.340	0.1200				3			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.400	0.0800	3.820	0.3771	0.1100	4			0
003.12	Fat, Crude, Hexane Ext (%)	2326	3.685	0.1100	3.820	0.3771	0.1100	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	3.900	0.2000	3.820	0.3771	0.1100	4			0
003.12	Fat, Crude, Hexane Ext (%)	2089	4.295	0.0500	3.820	0.3771	0.1100	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	3.370	0.9400	3.820	0.3771	0.1100	4			1
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	2.455	0.0500	3.446	0.6026	0.0583	6	-1.64	14%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.255	0.2100	3.446	0.6026	0.0583	6	-0.32	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0208	3.345	0.0500	3.446	0.6026	0.0583	6	-0.17	1%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.645	0.0300	3.446	0.6026	0.0583	6	0.33	3%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	3.869	0.0095	3.446	0.6026	0.0583	6	0.70	6%	0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0646	4.020	0.0800	3.446	0.6026	0.0583	6	0.95	8%	0
003.14	Fat, Crude, Ankom (%)	2359	2.450	0.1000	3.360	0.3441	0.1496	56	-2.64	14%	0
003.14	Fat, Crude, Ankom (%)	0574	2.460	0.1000	3.360	0.3441	0.1496	56	-2.61	13%	0
003.14	Fat, Crude, Ankom (%)	0019	2.710	0.3400	3.360	0.3441	0.1496	56	-1.89	10%	0
003.14	Fat, Crude, Ankom (%)	2375	2.805	0.0500	3.360	0.3441	0.1496	56	-1.61	8%	0
003.14	Fat, Crude, Ankom (%)	0229	2.850	0.0800	3.360	0.3441	0.1496	56	-1.48	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	0581	2.875	0.1500	3.360	0.3441	0.1496	56	-1.41	7%	0
003.14	Fat, Crude, Ankom (%)	0848	2.890	0.0400	3.360	0.3441	0.1496	56	-1.37	7%	0
003.14	Fat, Crude, Ankom (%)	2433	2.958	0.2030	3.360	0.3441	0.1496	56	-1.17	6%	0
003.14	Fat, Crude, Ankom (%)	0108	3.000	0.0400	3.360	0.3441	0.1496	56	-1.05	5%	0
003.14	Fat, Crude, Ankom (%)	0651	3.047	0.0164	3.360	0.3441	0.1496	56	-0.91	5%	0
003.14	Fat, Crude, Ankom (%)	0186	3.100	0.0000	3.360	0.3441	0.1496	56	-0.75	4%	0
003.14	Fat, Crude, Ankom (%)	0144	3.165	0.1100	3.360	0.3441	0.1496	56	-0.57	3%	0
003.14	Fat, Crude, Ankom (%)	0598	3.165	0.0700	3.360	0.3441	0.1496	56	-0.57	3%	0
003.14	Fat, Crude, Ankom (%)	0956	3.200	0.2000	3.360	0.3441	0.1496	56	-0.46	2%	0
003.14	Fat, Crude, Ankom (%)	2445	3.210	0.2600	3.360	0.3441	0.1496	56	-0.44	2%	0
003.14	Fat, Crude, Ankom (%)	0407	3.223	0.2910	3.360	0.3441	0.1496	56	-0.40	2%	0
003.14	Fat, Crude, Ankom (%)	0505	3.230	0.2400	3.360	0.3441	0.1496	56	-0.38	2%	0
003.14	Fat, Crude, Ankom (%)	0529	3.235	0.5700	3.360	0.3441	0.1496	56	-0.36	2%	0
003.14	Fat, Crude, Ankom (%)	0358	3.265	0.1900	3.360	0.3441	0.1496	56	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0004	3.265	0.4500	3.360	0.3441	0.1496	56	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	2129	3.270	0.1200	3.360	0.3441	0.1496	56	-0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0563	3.271	0.3657	3.360	0.3441	0.1496	56	-0.26	1%	0
003.14	Fat, Crude, Ankom (%)	0066	3.275	0.0700	3.360	0.3441	0.1496	56	-0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0089	3.285	0.0100	3.360	0.3441	0.1496	56	-0.22	1%	0
003.14	Fat, Crude, Ankom (%)	0202	3.290	0.0200	3.360	0.3441	0.1496	56	-0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0033	3.295	0.0300	3.360	0.3441	0.1496	56	-0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0968	3.300	0.0400	3.360	0.3441	0.1496	56	-0.17	1%	0
003.14	Fat, Crude, Ankom (%)	0037	3.365	0.0100	3.360	0.3441	0.1496	56	0.02	0%	0
003.14	Fat, Crude, Ankom (%)	2302	3.370	0.7200	3.360	0.3441	0.1496	56	0.03	0%	0
003.14	Fat, Crude, Ankom (%)	0511	3.380	0.1800	3.360	0.3441	0.1496	56	0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0026	3.385	0.5300	3.360	0.3441	0.1496	56	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0171	3.385	0.0100	3.360	0.3441	0.1496	56	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0904	3.385	0.2700	3.360	0.3441	0.1496	56	0.07	0%	0
003.14	Fat, Crude, Ankom (%)	0226	3.395	0.0500	3.360	0.3441	0.1496	56	0.10	1%	0
003.14	Fat, Crude, Ankom (%)	0083	3.405	0.0100	3.360	0.3441	0.1496	56	0.13	1%	0
003.14	Fat, Crude, Ankom (%)	0876	3.420	0.2600	3.360	0.3441	0.1496	56	0.18	1%	0
003.14	Fat, Crude, Ankom (%)	0034	3.425	0.0700	3.360	0.3441	0.1496	56	0.19	1%	0
003.14	Fat, Crude, Ankom (%)	0520	3.445	0.1300	3.360	0.3441	0.1496	56	0.25	1%	0
003.14	Fat, Crude, Ankom (%)	0001	3.464	0.0260	3.360	0.3441	0.1496	56	0.30	2%	0
003.14	Fat, Crude, Ankom (%)	0619	3.475	0.0900	3.360	0.3441	0.1496	56	0.33	2%	0
003.14	Fat, Crude, Ankom (%)	0948	3.560	0.0400	3.360	0.3441	0.1496	56	0.58	3%	0
003.14	Fat, Crude, Ankom (%)	0035	3.580	0.1600	3.360	0.3441	0.1496	56	0.64	3%	0
003.14	Fat, Crude, Ankom (%)	0675	3.600	0.1800	3.360	0.3441	0.1496	56	0.70	4%	0
003.14	Fat, Crude, Ankom (%)	0596	3.600	0.3800	3.360	0.3441	0.1496	56	0.70	4%	0
003.14	Fat, Crude, Ankom (%)	0853	3.600	0.0000	3.360	0.3441	0.1496	56	0.70	4%	0
003.14	Fat, Crude, Ankom (%)	0148	3.630	0.1800	3.360	0.3441	0.1496	56	0.79	4%	0
003.14	Fat, Crude, Ankom (%)	0357	3.635	0.0300	3.360	0.3441	0.1496	56	0.80	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
003.14	Fat, Crude, Ankom (%)	2146	3.755	0.0300	3.360	0.3441	0.1496	56	1.15	6%	0
003.14	Fat, Crude, Ankom (%)	0682	3.770	0.0000	3.360	0.3441	0.1496	56	1.19	6%	0
003.14	Fat, Crude, Ankom (%)	0726	3.845	0.0300	3.360	0.3441	0.1496	56	1.41	7%	0
003.14	Fat, Crude, Ankom (%)	0049	3.855	0.4700	3.360	0.3441	0.1496	56	1.44	7%	0
003.14	Fat, Crude, Ankom (%)	0009	3.910	0.0400	3.360	0.3441	0.1496	56	1.60	8%	0
003.14	Fat, Crude, Ankom (%)	0413	3.995	0.3100	3.360	0.3441	0.1496	56	1.85	9%	0
003.14	Fat, Crude, Ankom (%)	0510	4.060	0.2200	3.360	0.3441	0.1496	56	2.03	10%	0
003.14	Fat, Crude, Ankom (%)	0278	4.300	0.2000	3.360	0.3441	0.1496	56	2.73	14%	0
003.14	Fat, Crude, Ankom (%)	0190	4.330	0.0000	3.360	0.3441	0.1496	56	2.82	14%	0
003.14	Fat, Crude, Ankom (%)	0692	2.760	2.640	3.360	0.3441	0.1496	56	-1.74	9%	1
003.14	Fat, Crude, Ankom (%)	2076	9.000	0.2000	3.360	0.3441	0.1496	56	16.39	84%	2
003.99	Fat, Crude, Miscellaneous (%)	0880	1.150	0.1000	2.803	1.187	0.0900	4			0
003.99	Fat, Crude, Miscellaneous (%)	2276	2.730	0.0400	2.803	1.187	0.0900	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	3.655	0.0700	2.803	1.187	0.0900	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	3.675	0.1500	2.803	1.187	0.0900	4			0
004.00	Fiber, Crude, Asbestos Free (%)	2326	11.26	0.8900	12.80	1.227	0.5445	12	-1.26	6%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	11.45	0.1000	12.80	1.227	0.5445	12	-1.10	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0186	11.50	0.0500	12.80	1.227	0.5445	12	-1.06	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	12.18	0.1000	12.80	1.227	0.5445	12	-0.50	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	12.28	0.2900	12.80	1.227	0.5445	12	-0.43	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	12.55	0.1000	12.80	1.227	0.5445	12	-0.20	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0884	13.20	0.8000	12.80	1.227	0.5445	12	0.33	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	13.35	0.8490	12.80	1.227	0.5445	12	0.45	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	13.36	0.2500	12.80	1.227	0.5445	12	0.46	2%	0
004.00	Fiber, Crude, Asbestos Free (%)	0208	14.15	1.900	12.80	1.227	0.5445	12	1.10	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	14.15	1.700	12.80	1.227	0.5445	12	1.10	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	14.15	0.3000	12.80	1.227	0.5445	12	1.10	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	2246	8.390	1.180				2			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	10.99	0.3600				2			0
004.06	Fiber, Crude, Fibertec (%)	2200	9.750	0.3000	11.87	0.9550	0.2302	16	-2.22	9%	0
004.06	Fiber, Crude, Fibertec (%)	2199	10.21	0.3900	11.87	0.9550	0.2302	16	-1.75	7%	0
004.06	Fiber, Crude, Fibertec (%)	0674	10.88	0.0000	11.87	0.9550	0.2302	16	-1.04	4%	0
004.06	Fiber, Crude, Fibertec (%)	0199	11.32	0.0600	11.87	0.9550	0.2302	16	-0.58	2%	0
004.06	Fiber, Crude, Fibertec (%)	0948	11.50	0.0300	11.87	0.9550	0.2302	16	-0.40	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	11.63	0.2700	11.87	0.9550	0.2302	16	-0.26	1%	0
004.06	Fiber, Crude, Fibertec (%)	0038	11.75	0.3000	11.87	0.9550	0.2302	16	-0.13	1%	0
004.06	Fiber, Crude, Fibertec (%)	2319	11.75	0.3000	11.87	0.9550	0.2302	16	-0.13	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	12.11	0.2800	11.87	0.9550	0.2302	16	0.25	1%	0
004.06	Fiber, Crude, Fibertec (%)	0610	12.15	0.3000	11.87	0.9550	0.2302	16	0.29	1%	0
004.06	Fiber, Crude, Fibertec (%)	0027	12.26	0.0330	11.87	0.9550	0.2302	16	0.41	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	12.30	0.4000	11.87	0.9550	0.2302	16	0.45	2%	0
004.06	Fiber, Crude, Fibertec (%)	0676	12.42	0.3000	11.87	0.9550	0.2302	16	0.57	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.06	Fiber, Crude, Fibertec (%)	2188	12.53	0.0000	11.87	0.9550	0.2302	16	0.69	3%	0
004.06	Fiber, Crude, Fibertec (%)	2349	13.20	0.2000	11.87	0.9550	0.2302	16	1.39	6%	0
004.06	Fiber, Crude, Fibertec (%)	0685	14.10	0.0600	11.87	0.9550	0.2302	16	2.33	9%	0
004.06	Fiber, Crude, Fibertec (%)	0098	12.03	1.070	11.87	0.9550	0.2302	16	0.16	1%	1
004.07	Fiber, Crude, ANKOM (%)	0596	10.32	0.4900	12.32	1.173	0.3062	71	-1.71	8%	0
004.07	Fiber, Crude, ANKOM (%)	0510	10.55	0.1000	12.32	1.173	0.3062	71	-1.51	7%	0
004.07	Fiber, Crude, ANKOM (%)	0366	10.70	0.0000	12.32	1.173	0.3062	71	-1.38	7%	0
004.07	Fiber, Crude, ANKOM (%)	0885	10.75	0.3881	12.32	1.173	0.3062	71	-1.34	6%	0
004.07	Fiber, Crude, ANKOM (%)	0726	10.82	0.3500	12.32	1.173	0.3062	71	-1.28	6%	0
004.07	Fiber, Crude, ANKOM (%)	0948	10.82	0.1700	12.32	1.173	0.3062	71	-1.28	6%	0
004.07	Fiber, Crude, ANKOM (%)	2445	10.88	0.1800	12.32	1.173	0.3062	71	-1.23	6%	0
004.07	Fiber, Crude, ANKOM (%)	0848	11.00	0.0900	12.32	1.173	0.3062	71	-1.13	5%	0
004.07	Fiber, Crude, ANKOM (%)	2259	11.02	0.0480	12.32	1.173	0.3062	71	-1.11	5%	0
004.07	Fiber, Crude, ANKOM (%)	0956	11.05	0.1000	12.32	1.173	0.3062	71	-1.08	5%	0
004.07	Fiber, Crude, ANKOM (%)	0644	11.11	0.1750	12.32	1.173	0.3062	71	-1.03	5%	0
004.07	Fiber, Crude, ANKOM (%)	2193	11.13	0.1100	12.32	1.173	0.3062	71	-1.02	5%	0
004.07	Fiber, Crude, ANKOM (%)	0026	11.15	0.5000	12.32	1.173	0.3062	71	-1.00	5%	0
004.07	Fiber, Crude, ANKOM (%)	0074	11.31	0.1700	12.32	1.173	0.3062	71	-0.86	4%	0
004.07	Fiber, Crude, ANKOM (%)	0870	11.34	0.6098	12.32	1.173	0.3062	71	-0.84	4%	0
004.07	Fiber, Crude, ANKOM (%)	0413	11.35	0.3000	12.32	1.173	0.3062	71	-0.83	4%	0
004.07	Fiber, Crude, ANKOM (%)	2392	11.47	0.7100	12.32	1.173	0.3062	71	-0.73	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	11.50	0.4500	12.32	1.173	0.3062	71	-0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	11.50	0.2000	12.32	1.173	0.3062	71	-0.70	3%	0
004.07	Fiber, Crude, ANKOM (%)	2276	11.56	0.0600	12.32	1.173	0.3062	71	-0.65	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	11.57	0.5200	12.32	1.173	0.3062	71	-0.64	3%	0
004.07	Fiber, Crude, ANKOM (%)	0100	11.75	0.6600	12.32	1.173	0.3062	71	-0.49	2%	0
004.07	Fiber, Crude, ANKOM (%)	2434	11.81	0.0000	12.32	1.173	0.3062	71	-0.43	2%	0
004.07	Fiber, Crude, ANKOM (%)	2188	11.93	0.0300	12.32	1.173	0.3062	71	-0.34	2%	0
004.07	Fiber, Crude, ANKOM (%)	2302	11.99	0.0500	12.32	1.173	0.3062	71	-0.29	1%	0
004.07	Fiber, Crude, ANKOM (%)	0009	12.00	0.0800	12.32	1.173	0.3062	71	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	0692	12.00	1.600	12.32	1.173	0.3062	71	-0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	2337	12.04	0.0700	12.32	1.173	0.3062	71	-0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0144	12.04	0.7000	12.32	1.173	0.3062	71	-0.24	1%	0
004.07	Fiber, Crude, ANKOM (%)	0520	12.06	0.1400	12.32	1.173	0.3062	71	-0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	12.13	0.3500	12.32	1.173	0.3062	71	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0083	12.13	0.1900	12.32	1.173	0.3062	71	-0.17	1%	0
004.07	Fiber, Crude, ANKOM (%)	0968	12.16	0.0100	12.32	1.173	0.3062	71	-0.14	1%	0
004.07	Fiber, Crude, ANKOM (%)	0263	12.18	0.3820	12.32	1.173	0.3062	71	-0.12	1%	0
004.07	Fiber, Crude, ANKOM (%)	0034	12.20	0.3100	12.32	1.173	0.3062	71	-0.11	1%	0
004.07	Fiber, Crude, ANKOM (%)	0622	12.25	0.1880	12.32	1.173	0.3062	71	-0.06	0%	0
004.07	Fiber, Crude, ANKOM (%)	0643	12.26	0.0200	12.32	1.173	0.3062	71	-0.05	0%	0
004.07	Fiber, Crude, ANKOM (%)	2433	12.29	0.0473	12.32	1.173	0.3062	71	-0.02	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.07	Fiber, Crude, ANKOM (%)	0682	12.30	0.0000	12.32	1.173	0.3062	71	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2022	12.30	0.2400	12.32	1.173	0.3062	71	-0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	12.35	0.2900	12.32	1.173	0.3062	71	0.02	0%	0
004.07	Fiber, Crude, ANKOM (%)	2190	12.35	0.1400	12.32	1.173	0.3062	71	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0354	12.48	0.5500	12.32	1.173	0.3062	71	0.13	1%	0
004.07	Fiber, Crude, ANKOM (%)	0278	12.50	0.6000	12.32	1.173	0.3062	71	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0202	12.55	0.3000	12.32	1.173	0.3062	71	0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	12.58	0.0000	12.32	1.173	0.3062	71	0.22	1%	0
004.07	Fiber, Crude, ANKOM (%)	0589	12.59	0.8900	12.32	1.173	0.3062	71	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0039	12.80	1.200	12.32	1.173	0.3062	71	0.41	2%	0
004.07	Fiber, Crude, ANKOM (%)	2146	12.81	0.0400	12.32	1.173	0.3062	71	0.42	2%	0
004.07	Fiber, Crude, ANKOM (%)	0675	12.85	0.1700	12.32	1.173	0.3062	71	0.45	2%	0
004.07	Fiber, Crude, ANKOM (%)	0028	13.00	1.800	12.32	1.173	0.3062	71	0.58	3%	0
004.07	Fiber, Crude, ANKOM (%)	0045	13.00	0.0000	12.32	1.173	0.3062	71	0.58	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	13.01	0.3700	12.32	1.173	0.3062	71	0.58	3%	0
004.07	Fiber, Crude, ANKOM (%)	0066	13.04	0.2800	12.32	1.173	0.3062	71	0.61	3%	0
004.07	Fiber, Crude, ANKOM (%)	0226	13.13	0.1300	12.32	1.173	0.3062	71	0.69	3%	0
004.07	Fiber, Crude, ANKOM (%)	0019	13.31	0.0300	12.32	1.173	0.3062	71	0.84	4%	0
004.07	Fiber, Crude, ANKOM (%)	0229	13.32	1.340	12.32	1.173	0.3062	71	0.85	4%	0
004.07	Fiber, Crude, ANKOM (%)	0563	13.41	0.1577	12.32	1.173	0.3062	71	0.93	4%	0
004.07	Fiber, Crude, ANKOM (%)	0529	13.45	1.000	12.32	1.173	0.3062	71	0.96	5%	0
004.07	Fiber, Crude, ANKOM (%)	2009	13.50	0.0931	12.32	1.173	0.3062	71	1.00	5%	0
004.07	Fiber, Crude, ANKOM (%)	0042	13.60	0.8000	12.32	1.173	0.3062	71	1.09	5%	0
004.07	Fiber, Crude, ANKOM (%)	0914	13.65	0.1000	12.32	1.173	0.3062	71	1.13	5%	0
004.07	Fiber, Crude, ANKOM (%)	0581	13.94	1.010	12.32	1.173	0.3062	71	1.38	7%	0
004.07	Fiber, Crude, ANKOM (%)	0407	14.06	0.2543	12.32	1.173	0.3062	71	1.48	7%	0
004.07	Fiber, Crude, ANKOM (%)	0504	14.22	0.2700	12.32	1.173	0.3062	71	1.62	8%	0
004.07	Fiber, Crude, ANKOM (%)	0646	14.29	0.1000	12.32	1.173	0.3062	71	1.68	8%	0
004.07	Fiber, Crude, ANKOM (%)	0536	14.40	0.6500	12.32	1.173	0.3062	71	1.77	8%	0
004.07	Fiber, Crude, ANKOM (%)	0626	14.65	0.5135	12.32	1.173	0.3062	71	1.99	9%	0
004.07	Fiber, Crude, ANKOM (%)	0190	14.95	0.1000	12.32	1.173	0.3062	71	2.24	11%	0
004.07	Fiber, Crude, ANKOM (%)	0089	18.04	0.0300	12.32	1.173	0.3062	71	4.87	23%	0
004.07	Fiber, Crude, ANKOM (%)	0598	19.60	0.1000	12.32	1.173	0.3062	71	6.21	30%	0
004.07	Fiber, Crude, ANKOM (%)	0693	14.42	2.541	12.32	1.173	0.3062	71	1.79	9%	1
004.07	Fiber, Crude, ANKOM (%)	0511	14.95	3.100	12.32	1.173	0.3062	71	2.24	11%	1
004.07	Fiber, Crude, ANKOM (%)	0889	0.0000	0.0000	12.32	1.173	0.3062	71			4
004.11	Fiber, Crude, NIR (%)	0889	10.22	0.4900				2			0
004.11	Fiber, Crude, NIR (%)	0852	15.84	0.5500				2			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	11.85	0.1000				2			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	13.27	0.7400				2			0
005.00	Ash, 2h @ 600°C (%)	2359	7.400	0.4000	7.870	0.1415	0.0655	93	-3.32	3%	0
005.00	Ash, 2h @ 600°C (%)	2184	7.410	0.1400	7.870	0.1415	0.0655	93	-3.25	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0144	7.505	0.0100	7.870	0.1415	0.0655	93	-2.58	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	7.515	0.0700	7.870	0.1415	0.0655	93	-2.51	2%	0
005.00	Ash, 2h @ 600°C (%)	2276	7.530	0.3200	7.870	0.1415	0.0655	93	-2.40	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	7.580	0.1000	7.870	0.1415	0.0655	93	-2.05	2%	0
005.00	Ash, 2h @ 600°C (%)	0089	7.620	0.0000	7.870	0.1415	0.0655	93	-1.76	2%	0
005.00	Ash, 2h @ 600°C (%)	0169	7.620	0.1000	7.870	0.1415	0.0655	93	-1.76	2%	0
005.00	Ash, 2h @ 600°C (%)	2434	7.640	0.0000	7.870	0.1415	0.0655	93	-1.62	1%	0
005.00	Ash, 2h @ 600°C (%)	0574	7.710	0.0200	7.870	0.1415	0.0655	93	-1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	0674	7.720	0.0000	7.870	0.1415	0.0655	93	-1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	7.725	0.3700	7.870	0.1415	0.0655	93	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	7.725	0.0900	7.870	0.1415	0.0655	93	-1.02	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	7.730	0.0400	7.870	0.1415	0.0655	93	-0.99	1%	0
005.00	Ash, 2h @ 600°C (%)	0208	7.735	0.1900	7.870	0.1415	0.0655	93	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	1019	7.735	0.2100	7.870	0.1415	0.0655	93	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	7.735	0.0100	7.870	0.1415	0.0655	93	-0.95	1%	0
005.00	Ash, 2h @ 600°C (%)	0164	7.740	0.0800	7.870	0.1415	0.0655	93	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	7.740	0.0000	7.870	0.1415	0.0655	93	-0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	0366	7.750	0.1000	7.870	0.1415	0.0655	93	-0.85	1%	0
005.00	Ash, 2h @ 600°C (%)	2259	7.768	0.0040	7.870	0.1415	0.0655	93	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0622	7.768	0.0244	7.870	0.1415	0.0655	93	-0.72	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	7.770	0.0200	7.870	0.1415	0.0655	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0049	7.770	0.0200	7.870	0.1415	0.0655	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	7.770	0.0400	7.870	0.1415	0.0655	93	-0.70	1%	0
005.00	Ash, 2h @ 600°C (%)	0512	7.780	0.2820	7.870	0.1415	0.0655	93	-0.63	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	7.785	0.0300	7.870	0.1415	0.0655	93	-0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0407	7.795	0.0241	7.870	0.1415	0.0655	93	-0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	7.795	0.1300	7.870	0.1415	0.0655	93	-0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0956	7.800	0.0000	7.870	0.1415	0.0655	93	-0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	2397	7.800	0.0400	7.870	0.1415	0.0655	93	-0.49	0%	0
005.00	Ash, 2h @ 600°C (%)	0098	7.805	0.0700	7.870	0.1415	0.0655	93	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0199	7.805	0.1500	7.870	0.1415	0.0655	93	-0.46	0%	0
005.00	Ash, 2h @ 600°C (%)	0004	7.810	0.0200	7.870	0.1415	0.0655	93	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	0123	7.810	0.0200	7.870	0.1415	0.0655	93	-0.42	0%	0
005.00	Ash, 2h @ 600°C (%)	2433	7.819	0.2312	7.870	0.1415	0.0655	93	-0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	7.820	0.0200	7.870	0.1415	0.0655	93	-0.35	0%	0
005.00	Ash, 2h @ 600°C (%)	0186	7.825	0.0700	7.870	0.1415	0.0655	93	-0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	7.830	0.0600	7.870	0.1415	0.0655	93	-0.28	0%	0
005.00	Ash, 2h @ 600°C (%)	2199	7.840	0.0800	7.870	0.1415	0.0655	93	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0001	7.841	0.0130	7.870	0.1415	0.0655	93	-0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0651	7.841	0.0129	7.870	0.1415	0.0655	93	-0.20	0%	0
005.00	Ash, 2h @ 600°C (%)	0646	7.870	0.0000	7.870	0.1415	0.0655	93	0.00	0%	0
005.00	Ash, 2h @ 600°C (%)	0693	7.879	0.0670	7.870	0.1415	0.0655	93	0.06	0%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0033	7.880	0.0200	7.870	0.1415	0.0655	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	0948	7.880	0.0600	7.870	0.1415	0.0655	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2193	7.880	0.0400	7.870	0.1415	0.0655	93	0.07	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	7.885	0.0700	7.870	0.1415	0.0655	93	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0027	7.889	0.0540	7.870	0.1415	0.0655	93	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0148	7.890	0.2600	7.870	0.1415	0.0655	93	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0520	7.890	0.0400	7.870	0.1415	0.0655	93	0.14	0%	0
005.00	Ash, 2h @ 600°C (%)	0505	7.895	0.0300	7.870	0.1415	0.0655	93	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	0968	7.900	0.0000	7.870	0.1415	0.0655	93	0.21	0%	0
005.00	Ash, 2h @ 600°C (%)	0870	7.906	0.0494	7.870	0.1415	0.0655	93	0.26	0%	0
005.00	Ash, 2h @ 600°C (%)	0042	7.910	0.0400	7.870	0.1415	0.0655	93	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	0171	7.910	0.0200	7.870	0.1415	0.0655	93	0.29	0%	0
005.00	Ash, 2h @ 600°C (%)	2392	7.915	0.0300	7.870	0.1415	0.0655	93	0.32	0%	0
005.00	Ash, 2h @ 600°C (%)	0876	7.920	0.0200	7.870	0.1415	0.0655	93	0.36	0%	0
005.00	Ash, 2h @ 600°C (%)	0539	7.930	0.0400	7.870	0.1415	0.0655	93	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0598	7.930	0.0400	7.870	0.1415	0.0655	93	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	2442	7.930	0.0400	7.870	0.1415	0.0655	93	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	2445	7.930	0.0200	7.870	0.1415	0.0655	93	0.43	0%	0
005.00	Ash, 2h @ 600°C (%)	0563	7.941	0.0022	7.870	0.1415	0.0655	93	0.50	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	7.945	0.0100	7.870	0.1415	0.0655	93	0.53	0%	0
005.00	Ash, 2h @ 600°C (%)	0017	7.950	0.1000	7.870	0.1415	0.0655	93	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0853	7.950	0.1000	7.870	0.1415	0.0655	93	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	7.950	0.1000	7.870	0.1415	0.0655	93	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	7.950	0.0600	7.870	0.1415	0.0655	93	0.57	1%	0
005.00	Ash, 2h @ 600°C (%)	0504	7.955	0.0900	7.870	0.1415	0.0655	93	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2076	7.955	0.3700	7.870	0.1415	0.0655	93	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	0278	7.960	0.0800	7.870	0.1415	0.0655	93	0.64	1%	0
005.00	Ash, 2h @ 600°C (%)	2089	7.965	0.0500	7.870	0.1415	0.0655	93	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	7.965	0.1100	7.870	0.1415	0.0655	93	0.67	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	7.970	0.0400	7.870	0.1415	0.0655	93	0.71	1%	0
005.00	Ash, 2h @ 600°C (%)	0100	7.975	0.0700	7.870	0.1415	0.0655	93	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0675	7.995	0.0300	7.870	0.1415	0.0655	93	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	2022	7.995	0.0100	7.870	0.1415	0.0655	93	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	2246	7.995	0.0100	7.870	0.1415	0.0655	93	0.89	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	8.000	0.0200	7.870	0.1415	0.0655	93	0.92	1%	0
005.00	Ash, 2h @ 600°C (%)	2196	8.020	0.0000	7.870	0.1415	0.0655	93	1.06	1%	0
005.00	Ash, 2h @ 600°C (%)	2349	8.025	0.1500	7.870	0.1415	0.0655	93	1.10	1%	0
005.00	Ash, 2h @ 600°C (%)	0529	8.030	0.1000	7.870	0.1415	0.0655	93	1.13	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	8.035	0.0100	7.870	0.1415	0.0655	93	1.17	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	8.040	0.2200	7.870	0.1415	0.0655	93	1.20	1%	0
005.00	Ash, 2h @ 600°C (%)	0357	8.050	0.1000	7.870	0.1415	0.0655	93	1.28	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	8.060	0.0200	7.870	0.1415	0.0655	93	1.35	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0685	8.080	0.0200	7.870	0.1415	0.0655	93	1.49	1%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.085	0.2100	7.870	0.1415	0.0655	93	1.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0047	8.100	0.0000	7.870	0.1415	0.0655	93	1.63	1%	0
005.00	Ash, 2h @ 600°C (%)	0345	8.130	0.3200	7.870	0.1415	0.0655	93	1.84	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	8.150	0.0600	7.870	0.1415	0.0655	93	1.98	2%	0
005.00	Ash, 2h @ 600°C (%)	0682	8.290	0.0000	7.870	0.1415	0.0655	93	2.97	3%	0
005.00	Ash, 2h @ 600°C (%)	0226	8.520	0.0200	7.870	0.1415	0.0655	93	4.60	4%	0
005.00	Ash, 2h @ 600°C (%)	0852	8.055	0.5100	7.870	0.1415	0.0655	93	1.31	1%	1
005.00	Ash, 2h @ 600°C (%)	0618	15.58	0.4800	7.870	0.1415	0.0655	93	54.50	49%	2
005.02	Ash, LECO (%)	0644	7.796	0.0270				1			0
005.03	Ash, Microwave furnace (%)	0511	7.550	0.1000				1			0
005.05	Ash, 3h @ 550°C (%)	0692	7.695	0.2900	7.954	0.1028	0.0626	25	-2.52	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	7.800	0.0000	7.954	0.1028	0.0626	25	-1.50	1%	0
005.05	Ash, 3h @ 550°C (%)	2442	7.850	0.0600	7.954	0.1028	0.0626	25	-1.01	1%	0
005.05	Ash, 3h @ 550°C (%)	0066	7.855	0.0700	7.954	0.1028	0.0626	25	-0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	7.855	0.0100	7.954	0.1028	0.0626	25	-0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	7.860	0.0800	7.954	0.1028	0.0626	25	-0.92	1%	0
005.05	Ash, 3h @ 550°C (%)	0889	7.890	0.0800	7.954	0.1028	0.0626	25	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0885	7.891	0.0813	7.954	0.1028	0.0626	25	-0.62	0%	0
005.05	Ash, 3h @ 550°C (%)	0413	7.925	0.0300	7.954	0.1028	0.0626	25	-0.28	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	7.930	0.0200	7.954	0.1028	0.0626	25	-0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	0590	7.935	0.2300	7.954	0.1028	0.0626	25	-0.19	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	7.950	0.0600	7.954	0.1028	0.0626	25	-0.04	0%	0
005.05	Ash, 3h @ 550°C (%)	0689	7.955	0.0900	7.954	0.1028	0.0626	25	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	0939	7.965	0.0900	7.954	0.1028	0.0626	25	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	2190	7.965	0.0500	7.954	0.1028	0.0626	25	0.10	0%	0
005.05	Ash, 3h @ 550°C (%)	2345	7.970	0.0800	7.954	0.1028	0.0626	25	0.15	0%	0
005.05	Ash, 3h @ 550°C (%)	0263	8.013	0.0020	7.954	0.1028	0.0626	25	0.57	0%	0
005.05	Ash, 3h @ 550°C (%)	0596	8.015	0.0700	7.954	0.1028	0.0626	25	0.59	0%	0
005.05	Ash, 3h @ 550°C (%)	0034	8.016	0.0496	7.954	0.1028	0.0626	25	0.60	0%	0
005.05	Ash, 3h @ 550°C (%)	2246	8.020	0.0200	7.954	0.1028	0.0626	25	0.64	0%	0
005.05	Ash, 3h @ 550°C (%)	2144	8.030	0.0600	7.954	0.1028	0.0626	25	0.74	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	8.040	0.0280	7.954	0.1028	0.0626	25	0.83	1%	0
005.05	Ash, 3h @ 550°C (%)	0941	8.120	0.0800	7.954	0.1028	0.0626	25	1.61	1%	0
005.05	Ash, 3h @ 550°C (%)	2009	8.180	0.0628	7.954	0.1028	0.0626	25	2.19	1%	0
005.05	Ash, 3h @ 550°C (%)	2129	8.645	0.0910	7.954	0.1028	0.0626	25	6.72	4%	0
005.05	Ash, 3h @ 550°C (%)	0852	8.055	0.5100	7.954	0.1028	0.0626	25	0.98	1%	1
005.11	Ash, NIR (%)	0889	10.27	0.1350				1			0
005.99	Ash, Miscellaneous (%)	0910	7.750	0.1000	7.991	0.1868	0.0514	9	-1.29	2%	0
005.99	Ash, Miscellaneous (%)	0202	7.785	0.0100	7.991	0.1868	0.0514	9	-1.10	1%	0
005.99	Ash, Miscellaneous (%)	0914	7.905	0.0700	7.991	0.1868	0.0514	9	-0.46	1%	0
005.99	Ash, Miscellaneous (%)	0676	7.910	0.0600	7.991	0.1868	0.0514	9	-0.43	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.99	Ash, Miscellaneous (%)	0629	8.030	0.0600	7.991	0.1868	0.0514	9	0.21	0%	0
005.99	Ash, Miscellaneous (%)	2319	8.050	0.1000	7.991	0.1868	0.0514	9	0.32	0%	0
005.99	Ash, Miscellaneous (%)	0536	8.085	0.0100	7.991	0.1868	0.0514	9	0.50	1%	0
005.99	Ash, Miscellaneous (%)	0884	8.200	0.0000	7.991	0.1868	0.0514	9	1.12	1%	0
005.99	Ash, Miscellaneous (%)	0644	8.204	0.0010	7.991	0.1868	0.0514	9	1.14	1%	0
005.99	Ash, Miscellaneous (%)	0019	7.850	0.3000	7.991	0.1868	0.0514	9	-0.75	1%	1
006.00	Total Sugars, As sucrose (%)	0407	5.045	0.3900				2			0
006.00	Total Sugars, As sucrose (%)	2319	5.100	0.0000				2			0
006.01	Total Sugars, Mod. Fehling Soln (%)	0038	5.955	0.7300				1			0
006.03	Total Sugars, Invert w/o Invrns (%)	0941	3.875	0.1900				1			0
006.99	Total Sugars, Miscellaneous (%)	0278	0.7550	0.0100	4.093	2.250	0.0467	4			0
006.99	Total Sugars, Miscellaneous (%)	0226	4.800	0.0600	4.093	2.250	0.0467	4			0
006.99	Total Sugars, Miscellaneous (%)	0674	5.190	0.0000	4.093	2.250	0.0467	4			0
006.99	Total Sugars, Miscellaneous (%)	0610	5.625	0.0700	4.093	2.250	0.0467	4			0
006.99	Total Sugars, Miscellaneous (%)	0956	7.650	0.5000	4.093	2.250	0.0467	4			1
008.02	Fiber, Acid Detergent, Crucible (%)	0676	15.95	1.010	17.15	0.4698	0.4711	10	-2.56	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	16.60	0.7100	17.15	0.4698	0.4711	10	-1.18	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	16.99	0.4300	17.15	0.4698	0.4711	10	-0.35	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	17.06	0.3000	17.15	0.4698	0.4711	10	-0.19	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	17.12	0.1000	17.15	0.4698	0.4711	10	-0.06	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	17.15	0.5000	17.15	0.4698	0.4711	10	0.00	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	17.30	1.000	17.15	0.4698	0.4711	10	0.32	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	17.50	0.0900	17.15	0.4698	0.4711	10	0.73	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	17.60	0.0000	17.15	0.4698	0.4711	10	0.96	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	17.75	0.1000	17.15	0.4698	0.4711	10	1.28	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	14.45	0.0400	18.31	1.865	0.4599	47	-2.07	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0026	14.97	0.1300	18.31	1.865	0.4599	47	-1.79	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	14.99	0.3830	18.31	1.865	0.4599	47	-1.78	9%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	15.53	0.1500	18.31	1.865	0.4599	47	-1.49	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	15.83	0.0100	18.31	1.865	0.4599	47	-1.33	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	16.44	1.050	18.31	1.865	0.4599	47	-1.00	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	16.73	0.5600	18.31	1.865	0.4599	47	-0.85	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	16.76	1.810	18.31	1.865	0.4599	47	-0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	16.76	0.0116	18.31	1.865	0.4599	47	-0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	16.77	0.0600	18.31	1.865	0.4599	47	-0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	16.78	0.2200	18.31	1.865	0.4599	47	-0.82	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0366	17.05	0.9000	18.31	1.865	0.4599	47	-0.67	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	17.10	0.4000	18.31	1.865	0.4599	47	-0.65	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0590	17.15	0.5000	18.31	1.865	0.4599	47	-0.62	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2445	17.27	0.0200	18.31	1.865	0.4599	47	-0.56	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	17.30	1.200	18.31	1.865	0.4599	47	-0.54	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	17.45	0.4300	18.31	1.865	0.4599	47	-0.46	2%	0

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008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	17.49	0.1100	18.31	1.865	0.4599	47	-0.44	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	17.50	0.0000	18.31	1.865	0.4599	47	-0.43	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	17.70	0.3600	18.31	1.865	0.4599	47	-0.33	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	18.38	0.3310	18.31	1.865	0.4599	47	0.04	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0037	18.42	0.5200	18.31	1.865	0.4599	47	0.06	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	18.45	0.0000	18.31	1.865	0.4599	47	0.08	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	18.49	0.0600	18.31	1.865	0.4599	47	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	18.50	0.5600	18.31	1.865	0.4599	47	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2375	18.50	0.0200	18.31	1.865	0.4599	47	0.10	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	18.57	0.9800	18.31	1.865	0.4599	47	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	18.59	0.5300	18.31	1.865	0.4599	47	0.15	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	18.65	0.5000	18.31	1.865	0.4599	47	0.18	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	18.76	1.605	18.31	1.865	0.4599	47	0.24	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	18.81	0.0400	18.31	1.865	0.4599	47	0.27	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0646	18.89	0.0200	18.31	1.865	0.4599	47	0.31	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	19.08	0.4100	18.31	1.865	0.4599	47	0.41	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	19.14	0.3900	18.31	1.865	0.4599	47	0.44	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	19.16	0.3560	18.31	1.865	0.4599	47	0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	19.85	0.5000	18.31	1.865	0.4599	47	0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	19.85	0.5000	18.31	1.865	0.4599	47	0.83	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	20.05	1.700	18.31	1.865	0.4599	47	0.94	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	20.31	0.6600	18.31	1.865	0.4599	47	1.07	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	20.35	1.700	18.31	1.865	0.4599	47	1.10	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	20.40	0.8000	18.31	1.865	0.4599	47	1.12	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	20.66	0.5900	18.31	1.865	0.4599	47	1.26	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2326	20.66	0.4600	18.31	1.865	0.4599	47	1.26	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	20.79	1.140	18.31	1.865	0.4599	47	1.33	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	20.79	0.2000	18.31	1.865	0.4599	47	1.33	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	21.99	0.3310	18.31	1.865	0.4599	47	1.97	10%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	23.90	0.2900	18.31	1.865	0.4599	47	3.00	15%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	16.10	3.000	18.31	1.865	0.4599	47	-1.18	6%	1
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	19.72	3.430	18.31	1.865	0.4599	47	0.76	4%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0027	17.20	0.1990				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	17.30	0.4000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	17.40	0.4000				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	21.80	0.8000	24.52	2.640	0.8356	10	-1.03	6%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	22.62	0.6900	24.52	2.640	0.8356	10	-0.72	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	22.74	0.3200	24.52	2.640	0.8356	10	-0.68	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0512	23.35	0.5800	24.52	2.640	0.8356	10	-0.44	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	23.75	0.8400	24.52	2.640	0.8356	10	-0.29	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	23.80	1.600	24.52	2.640	0.8356	10	-0.27	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	25.00	1.400	24.52	2.640	0.8356	10	0.18	1%	0

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009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0676	25.21	1.090	24.52	2.640	0.8356	10	0.26	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	28.55	0.0000	24.52	2.640	0.8356	10	1.53	8%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	28.70	0.2000	24.52	2.640	0.8356	10	1.58	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	21.43	0.5800	26.41	2.964	0.5995	44	-1.68	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0885	21.97	0.7002	26.41	2.964	0.5995	44	-1.50	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0596	22.10	0.0300	26.41	2.964	0.5995	44	-1.45	8%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	23.41	0.0600	26.41	2.964	0.5995	44	-1.01	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	23.66	0.1100	26.41	2.964	0.5995	44	-0.93	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	23.70	0.6000	26.41	2.964	0.5995	44	-0.91	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	23.71	0.3000	26.41	2.964	0.5995	44	-0.91	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	23.71	0.3000	26.41	2.964	0.5995	44	-0.91	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	23.87	0.4600	26.41	2.964	0.5995	44	-0.86	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2433	24.05	0.2501	26.41	2.964	0.5995	44	-0.80	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	24.09	1.540	26.41	2.964	0.5995	44	-0.78	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	24.33	0.0200	26.41	2.964	0.5995	44	-0.70	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	24.46	0.3600	26.41	2.964	0.5995	44	-0.66	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	24.48	0.0000	26.41	2.964	0.5995	44	-0.65	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	24.60	0.2000	26.41	2.964	0.5995	44	-0.61	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	24.86	0.3400	26.41	2.964	0.5995	44	-0.52	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	24.95	0.6700	26.41	2.964	0.5995	44	-0.49	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2146	24.95	0.2000	26.41	2.964	0.5995	44	-0.49	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0164	25.65	0.7000	26.41	2.964	0.5995	44	-0.26	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	25.94	3.050	26.41	2.964	0.5995	44	-0.16	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	26.10	1.000	26.41	2.964	0.5995	44	-0.10	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	26.30	0.6000	26.41	2.964	0.5995	44	-0.04	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	26.34	0.6800	26.41	2.964	0.5995	44	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	26.68	0.5000	26.41	2.964	0.5995	44	0.09	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	26.75	0.1000	26.41	2.964	0.5995	44	0.12	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2375	26.84	0.1700	26.41	2.964	0.5995	44	0.14	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	27.38	1.710	26.41	2.964	0.5995	44	0.33	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0037	27.43	0.3200	26.41	2.964	0.5995	44	0.35	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	27.52	0.7800	26.41	2.964	0.5995	44	0.38	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0413	27.55	1.100	26.41	2.964	0.5995	44	0.39	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0646	27.81	0.5200	26.41	2.964	0.5995	44	0.47	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	27.99	2.538	26.41	2.964	0.5995	44	0.53	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0619	28.08	0.1100	26.41	2.964	0.5995	44	0.56	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	28.20	4.002	26.41	2.964	0.5995	44	0.61	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2345	28.48	1.030	26.41	2.964	0.5995	44	0.70	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	28.79	0.2700	26.41	2.964	0.5995	44	0.80	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	28.81	0.3100	26.41	2.964	0.5995	44	0.81	5%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	29.82	2.510	26.41	2.964	0.5995	44	1.15	6%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2445	30.37	0.4200	26.41	2.964	0.5995	44	1.34	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (	0366	31.75	2.500	26.41	2.964	0.5995	44	1.80	10%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2326	31.96	0.7300	26.41	2.964	0.5995	44	1.87	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	32.09	0.7055	26.41	2.964	0.5995	44	1.92	11%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	34.41	0.0880	26.41	2.964	0.5995	44	2.70	15%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	39.78	1.080	26.41	2.964	0.5995	44	4.51	25%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0590	37.05	7.900	26.41	2.964	0.5995	44	3.59	20%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	23.00	0.8000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	25.28	0.8700				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0904	35.49	1.720				3			0
010.03	Moisture, Karl-Fischer (%)	0164	8.645	0.0900				2			0
010.03	Moisture, Karl-Fischer (%)	0843	9.560	0.1400				2			0
010.11	Moisture, NIR (%)	0852	6.170	0.5600				2			0
010.11	Moisture, NIR (%)	0889	9.195	0.0500				2			0
010.99	Moisture, Miscellaneous (%)	2129	6.740	0.0780	8.731	0.5784	0.1175	14	-3.44	11%	0
010.99	Moisture, Miscellaneous (%)	2089	8.215	0.1900	8.731	0.5784	0.1175	14	-0.89	3%	0
010.99	Moisture, Miscellaneous (%)	0622	8.233	0.0967	8.731	0.5784	0.1175	14	-0.86	3%	0
010.99	Moisture, Miscellaneous (%)	0692	8.320	0.5200	8.731	0.5784	0.1175	14	-0.71	2%	0
010.99	Moisture, Miscellaneous (%)	0019	8.365	0.0100	8.731	0.5784	0.1175	14	-0.63	2%	0
010.99	Moisture, Miscellaneous (%)	2375	8.580	0.0800	8.731	0.5784	0.1175	14	-0.26	1%	0
010.99	Moisture, Miscellaneous (%)	0726	8.755	0.0100	8.731	0.5784	0.1175	14	0.04	0%	0
010.99	Moisture, Miscellaneous (%)	0948	8.820	0.0200	8.731	0.5784	0.1175	14	0.15	1%	0
010.99	Moisture, Miscellaneous (%)	0939	8.855	0.0900	8.731	0.5784	0.1175	14	0.21	1%	0
010.99	Moisture, Miscellaneous (%)	0884	8.900	0.2000	8.731	0.5784	0.1175	14	0.29	1%	0
010.99	Moisture, Miscellaneous (%)	2076	9.000	0.2000	8.731	0.5784	0.1175	14	0.47	2%	0
010.99	Moisture, Miscellaneous (%)	2150	9.130	0.1800	8.731	0.5784	0.1175	14	0.69	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.760	0.0400	8.731	0.5784	0.1175	14	1.78	6%	0
010.99	Moisture, Miscellaneous (%)	0852	9.835	0.1900	8.731	0.5784	0.1175	14	1.91	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	7.382	0.0510	9.682	0.4333	0.1211	63	-5.31	12%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	7.400	0.2000	9.682	0.4333	0.1211	63	-5.27	12%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	7.720	0.2000	9.682	0.4333	0.1211	63	-4.53	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	8.225	0.4500	9.682	0.4333	0.1211	63	-3.36	8%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	8.440	0.9200	9.682	0.4333	0.1211	63	-2.87	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	8.675	0.0100	9.682	0.4333	0.1211	63	-2.32	5%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	8.925	0.0500	9.682	0.4333	0.1211	63	-1.75	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	8.930	0.2600	9.682	0.4333	0.1211	63	-1.74	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	9.095	0.0100	9.682	0.4333	0.1211	63	-1.36	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	9.150	0.1000	9.682	0.4333	0.1211	63	-1.23	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	9.260	0.1800	9.682	0.4333	0.1211	63	-0.97	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	9.285	0.0700	9.682	0.4333	0.1211	63	-0.92	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	9.290	0.0000	9.682	0.4333	0.1211	63	-0.90	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	9.350	0.0000	9.682	0.4333	0.1211	63	-0.77	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	9.455	0.1100	9.682	0.4333	0.1211	63	-0.52	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0536	9.455	0.0100	9.682	0.4333	0.1211	63	-0.52	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	9.485	0.1300	9.682	0.4333	0.1211	63	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	9.490	0.0200	9.682	0.4333	0.1211	63	-0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	9.520	0.0000	9.682	0.4333	0.1211	63	-0.37	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	9.537	0.1635	9.682	0.4333	0.1211	63	-0.33	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	9.555	0.0900	9.682	0.4333	0.1211	63	-0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	9.555	0.0500	9.682	0.4333	0.1211	63	-0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2397	9.590	0.0600	9.682	0.4333	0.1211	63	-0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	9.592	0.0410	9.682	0.4333	0.1211	63	-0.21	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	9.605	0.4900	9.682	0.4333	0.1211	63	-0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	9.620	0.1200	9.682	0.4333	0.1211	63	-0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	9.642	0.0320	9.682	0.4333	0.1211	63	-0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0208	9.660	0.0200	9.682	0.4333	0.1211	63	-0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0646	9.660	0.0200	9.682	0.4333	0.1211	63	-0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	9.669	0.1110	9.682	0.4333	0.1211	63	-0.03	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	9.690	0.1200	9.682	0.4333	0.1211	63	0.02	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	9.700	0.0000	9.682	0.4333	0.1211	63	0.04	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	9.705	0.0700	9.682	0.4333	0.1211	63	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	9.745	0.2100	9.682	0.4333	0.1211	63	0.15	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	9.750	0.0200	9.682	0.4333	0.1211	63	0.16	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	9.760	0.0200	9.682	0.4333	0.1211	63	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	9.760	0.0000	9.682	0.4333	0.1211	63	0.18	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	9.810	0.0200	9.682	0.4333	0.1211	63	0.30	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	9.820	0.0000	9.682	0.4333	0.1211	63	0.32	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	9.835	0.3500	9.682	0.4333	0.1211	63	0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2184	9.850	0.1600	9.682	0.4333	0.1211	63	0.39	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	9.855	0.0700	9.682	0.4333	0.1211	63	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	9.860	0.2400	9.682	0.4333	0.1211	63	0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	9.860	0.5800	9.682	0.4333	0.1211	63	0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	9.900	0.6000	9.682	0.4333	0.1211	63	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	9.900	0.0000	9.682	0.4333	0.1211	63	0.50	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	9.965	0.2500	9.682	0.4333	0.1211	63	0.65	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	9.995	0.0900	9.682	0.4333	0.1211	63	0.72	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	9.995	0.0700	9.682	0.4333	0.1211	63	0.72	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	10.02	0.0300	9.682	0.4333	0.1211	63	0.77	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	10.04	0.0300	9.682	0.4333	0.1211	63	0.81	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	10.05	0.1100	9.682	0.4333	0.1211	63	0.84	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	10.05	0.0949	9.682	0.4333	0.1211	63	0.84	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	10.08	0.0176	9.682	0.4333	0.1211	63	0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	10.11	0.1100	9.682	0.4333	0.1211	63	0.98	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	10.15	0.0900	9.682	0.4333	0.1211	63	1.07	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	10.20	0.2000	9.682	0.4333	0.1211	63	1.20	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	2006	10.21	0.3000	9.682	0.4333	0.1211	63	1.22	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	10.29	0.1700	9.682	0.4333	0.1211	63	1.39	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	10.29	0.1337	9.682	0.4333	0.1211	63	1.40	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	10.33	0.0900	9.682	0.4333	0.1211	63	1.48	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	10.33	0.0400	9.682	0.4333	0.1211	63	1.50	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	10.54	0.6100	9.682	0.4333	0.1211	63	1.97	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0852	11.75	2.390	9.682	0.4333	0.1211	63	4.76	11%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	9.630	0.0000				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	9.940	0.1000				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0852	11.75	2.390				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	9.835	0.1900				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	9.893	0.0220				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2276	10.89	0.4000				3			0
012.00	Starch, Polarimetric (Ewers) (%)	0689	1.300	0.4000	2.553	1.533	0.2056	9	-0.82	25%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	1.305	0.4300	2.553	1.533	0.2056	9	-0.81	24%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	1.350	0.1000	2.553	1.533	0.2056	9	-0.78	24%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	1.525	0.0500	2.553	1.533	0.2056	9	-0.67	20%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	1.800	0.2000	2.553	1.533	0.2056	9	-0.49	15%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	3.320	0.0400	2.553	1.533	0.2056	9	0.50	15%	0
012.00	Starch, Polarimetric (Ewers) (%)	2193	3.600	0.3200	2.553	1.533	0.2056	9	0.68	21%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	4.315	0.0900	2.553	1.533	0.2056	9	1.15	35%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	4.460	0.2200	2.553	1.533	0.2056	9	1.24	37%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0366	0.2000	0.2000	0.4773	0.2144	0.1017	8	-1.29	29%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	0.3450	0.0900	0.4773	0.2144	0.1017	8	-0.62	14%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	0.3500	0.1000	0.4773	0.2144	0.1017	8	-0.59	13%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	0.4150	0.0700	0.4773	0.2144	0.1017	8	-0.29	7%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	0.5242	0.0132	0.4773	0.2144	0.1017	8	0.22	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	0.5500	0.1000	0.4773	0.2144	0.1017	8	0.34	8%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	0.6350	0.2100	0.4773	0.2144	0.1017	8	0.74	17%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	2.195	0.0300	0.4773	0.2144	0.1017	8	8.01	180%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	0.6169	0.5700	0.4773	0.2144	0.1017	8	0.65	15%	1
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	< 0.9		0.4773	0.2144	0.1017	8			5
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	0.5245	0.0515				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	1.270	0.2800				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	0.3800	0.0200	1.758	1.712	0.1105	8	-0.80	39%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	0.5000	0.0000	1.758	1.712	0.1105	8	-0.73	36%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	0.6495	0.0330	1.758	1.712	0.1105	8	-0.65	32%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	0.6500	0.1000	1.758	1.712	0.1105	8	-0.65	32%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	1.595	0.1900	1.758	1.712	0.1105	8	-0.09	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0208	2.525	0.1300	1.758	1.712	0.1105	8	0.45	22%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	3.435	0.1900	1.758	1.712	0.1105	8	0.98	48%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	10.18	0.0000	1.758	1.712	0.1105	8	4.92	240%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
012.11	Starch, NIR (%)	0297	0.5650	0.3700				1			0
012.98	Starch, Dietary, Miscellaneous (%)	0066	0.9325	0.0950				1			0
012.99	Starch, Miscellaneous (%)	2319	1.700	0.0000				1			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	3.870	0.0200	4.831	0.8267	0.1153	15	-1.16	10%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	3.895	0.0300	4.831	0.8267	0.1153	15	-1.13	10%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.000	0.0000	4.831	0.8267	0.1153	15	-1.01	9%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	4.100	0.0000	4.831	0.8267	0.1153	15	-0.88	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0242	4.490	0.0800	4.831	0.8267	0.1153	15	-0.41	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	4.605	0.8300	4.831	0.8267	0.1153	15	-0.27	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	4.680	0.1000	4.831	0.8267	0.1153	15	-0.18	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	4.750	0.1000	4.831	0.8267	0.1153	15	-0.10	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	4.800	0.0000	4.831	0.8267	0.1153	15	-0.04	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	4.870	0.4000	4.831	0.8267	0.1153	15	0.05	0%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	5.130	0.0800	4.831	0.8267	0.1153	15	0.36	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	5.460	0.1200	4.831	0.8267	0.1153	15	0.76	7%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.795	0.2300	4.831	0.8267	0.1153	15	1.17	10%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	5.955	0.0500	4.831	0.8267	0.1153	15	1.36	12%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	6.095	0.0300	4.831	0.8267	0.1153	15	1.53	13%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	3.775	1.490	4.831	0.8267	0.1153	15	-1.28	11%	1
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0038	2.970	0.0400	4.652	1.110	0.1958	13	-1.52	18%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0563	3.178	0.3042	4.652	1.110	0.1958	13	-1.33	16%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	2259	3.539	0.0320	4.652	1.110	0.1958	13	-1.00	12%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0853	4.150	0.1000	4.652	1.110	0.1958	13	-0.45	5%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0098	4.215	0.5900	4.652	1.110	0.1958	13	-0.39	5%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0676	4.490	0.1000	4.652	1.110	0.1958	13	-0.15	2%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0208	5.090	0.2600	4.652	1.110	0.1958	13	0.39	5%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0148	5.110	0.1400	4.652	1.110	0.1958	13	0.41	5%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0100	5.200	0.5800	4.652	1.110	0.1958	13	0.49	6%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0643	5.290	0.1400	4.652	1.110	0.1958	13	0.57	7%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0164	5.410	0.1400	4.652	1.110	0.1958	13	0.68	8%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0870	5.863	0.1959	4.652	1.110	0.1958	13	1.09	13%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0914	5.955	0.2700	4.652	1.110	0.1958	13	1.17	14%	0
013.02	Fat, Pretreat, Mojonner, Bak Ext, Acid hydrolysis	0407	4.042	1.677	4.652	1.110	0.1958	13	-0.55	7%	1
013.08	Fat, Pretreat, Roesse-Gottlieb Modified, Alkaline	0618	2.460	0.1200				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.375	0.1500	4.179	0.5548	0.0912	7	-1.45	10%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	3.750	0.0400	4.179	0.5548	0.0912	7	-0.77	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.130	0.0000	4.179	0.5548	0.0912	7	-0.09	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.271	0.0523	4.179	0.5548	0.0912	7	0.16	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.325	0.0500	4.179	0.5548	0.0912	7	0.26	2%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	4.590	0.2800	4.179	0.5548	0.0912	7	0.74	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2442	4.815	0.0300	4.179	0.5548	0.0912	7	1.15	8%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	3.270	0.5800	4.526	0.9399	0.3511	8	-1.34	14%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	3.666	0.3566	4.526	0.9399	0.3511	8	-0.91	10%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.210	0.0400	4.526	0.9399	0.3511	8	-0.34	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	4.486	0.0440	4.526	0.9399	0.3511	8	-0.04	0%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	4.575	0.1900	4.526	0.9399	0.3511	8	0.05	1%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	4.798	0.7384	4.526	0.9399	0.3511	8	0.29	3%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0074	5.545	0.3500	4.526	0.9399	0.3511	8	1.08	11%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.655	0.5100	4.526	0.9399	0.3511	8	1.20	12%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	232.3	12.31	392.2	111.4	9.374	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	412.5	7.000	392.2	111.4	9.374	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	434.5	7.376	392.2	111.4	9.374	4			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	489.4	10.81	392.2	111.4	9.374	4			0
015.42	Aluminum, ICP, Open vessel (ppm)	0037	101.9	2.800				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	318.9	9.900				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	0692	< 1					2			5
015.43	Aluminum, ICP, Microwave (ppm)	0510	392.5	5.000	449.4	56.60	12.10	6	-1.01	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	419.4	15.55	449.4	56.60	12.10	6	-0.53	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0297	426.0	12.00	449.4	56.60	12.10	6	-0.41	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	451.3	15.90	449.4	56.60	12.10	6	0.03	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	473.0	4.000	449.4	56.60	12.10	6	0.42	3%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	648.6	20.14	449.4	56.60	12.10	6	3.52	22%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	468.9	55.21				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	488.5	11.00				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	226.0	4.000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0229	16.89	1.380	17.21	0.4710	0.8758	4			0
017.41	Boron, ICP, Dry ash (ppm)	0049	16.95	1.320	17.21	0.4710	0.8758	4			0
017.41	Boron, ICP, Dry ash (ppm)	0358	17.09	0.5300	17.21	0.4710	0.8758	4			0
017.41	Boron, ICP, Dry ash (ppm)	0407	17.90	0.2731	17.21	0.4710	0.8758	4			0
017.42	Boron, ICP, Open vessel (ppm)	0045	15.55	2.300	16.56	1.144	0.7940	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	15.59	0.0860	16.56	1.144	0.7940	4			0
017.42	Boron, ICP, Open vessel (ppm)	2129	17.45	0.6900	16.56	1.144	0.7940	4			0
017.42	Boron, ICP, Open vessel (ppm)	0037	17.65	0.1000	16.56	1.144	0.7940	4			0
017.42	Boron, ICP, Open vessel (ppm)	0042	41.85	0.9000	16.56	1.144	0.7940	4			2
017.43	Boron, ICP, Microwave (ppm)	0510	16.00	0.0000	17.52	1.215	0.2444	4			0
017.43	Boron, ICP, Microwave (ppm)	0226	17.45	0.4000	17.52	1.215	0.2444	4			0
017.43	Boron, ICP, Microwave (ppm)	0345	17.64	0.1200	17.52	1.215	0.2444	4			0
017.43	Boron, ICP, Microwave (ppm)	0407	18.97	0.2133	17.52	1.215	0.2444	4			0
017.43	Boron, ICP, Microwave (ppm)	0083	19.86	1.130	17.52	1.215	0.2444	4			1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	17.52	1.215	0.2444	4			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	20.51	2.852				1			0
017.99	Boron, Miscellaneous (ppm)	0123	18.60	0.6000				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	0.2800	0.0000	0.3288	0.0510	0.0283	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	0.3100	0.0400	0.3288	0.0510	0.0283	4			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	0.3253	0.0166	0.3288	0.0510	0.0283	4			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	0.4000	0.0000	0.3288	0.0510	0.0283	4			0
019.02	Calcium, Hach Method (%)	0536	0.3550	0.0100				1			0
019.08	Calcium, EDTA (%)	2337	0.1350	0.0100	0.2920	0.0880	0.0100	12	-1.78	27%	0
019.08	Calcium, EDTA (%)	2196	0.2200	0.0000	0.2920	0.0880	0.0100	12	-0.82	12%	0
019.08	Calcium, EDTA (%)	0629	0.2250	0.0000	0.2920	0.0880	0.0100	12	-0.76	11%	0
019.08	Calcium, EDTA (%)	2392	0.2575	0.0050	0.2920	0.0880	0.0100	12	-0.39	6%	0
019.08	Calcium, EDTA (%)	2188	0.2700	0.0000	0.2920	0.0880	0.0100	12	-0.25	4%	0
019.08	Calcium, EDTA (%)	0590	0.2750	0.0100	0.2920	0.0880	0.0100	12	-0.19	3%	0
019.08	Calcium, EDTA (%)	0885	0.2771	0.0206	0.2920	0.0880	0.0100	12	-0.17	3%	0
019.08	Calcium, EDTA (%)	2200	0.2950	0.0100	0.2920	0.0880	0.0100	12	0.03	1%	0
019.08	Calcium, EDTA (%)	2193	0.3400	0.0200	0.2920	0.0880	0.0100	12	0.55	8%	0
019.08	Calcium, EDTA (%)	0689	0.3500	0.0000	0.2920	0.0880	0.0100	12	0.66	10%	0
019.08	Calcium, EDTA (%)	2434	0.4100	0.0000	0.2920	0.0880	0.0100	12	1.34	20%	0
019.08	Calcium, EDTA (%)	2199	0.4850	0.0100	0.2920	0.0880	0.0100	12	2.19	33%	0
019.09	Calcium, Ion-selective electrode (%)	2006	0.3965	0.0490				1			0
019.31	Calcium, AAS, Dry ash (%)	0536	0.1250	0.0100	0.2504	0.0303	0.0093	19	-4.14	25%	0
019.31	Calcium, AAS, Dry ash (%)	0018	0.2150	0.0060	0.2504	0.0303	0.0093	19	-1.17	7%	0
019.31	Calcium, AAS, Dry ash (%)	2022	0.2200	0.0000	0.2504	0.0303	0.0093	19	-1.00	6%	0
019.31	Calcium, AAS, Dry ash (%)	2246	0.2200	0.0000	0.2504	0.0303	0.0093	19	-1.00	6%	0
019.31	Calcium, AAS, Dry ash (%)	0001	0.2302	0.0138	0.2504	0.0303	0.0093	19	-0.67	4%	0
019.31	Calcium, AAS, Dry ash (%)	0038	0.2315	0.0030	0.2504	0.0303	0.0093	19	-0.62	4%	0
019.31	Calcium, AAS, Dry ash (%)	0939	0.2350	0.0100	0.2504	0.0303	0.0093	19	-0.51	3%	0
019.31	Calcium, AAS, Dry ash (%)	0563	0.2421	0.0020	0.2504	0.0303	0.0093	19	-0.27	2%	0
019.31	Calcium, AAS, Dry ash (%)	2196	0.2500	0.0000	0.2504	0.0303	0.0093	19	-0.01	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	0.2521	0.0065	0.2504	0.0303	0.0093	19	0.05	0%	0
019.31	Calcium, AAS, Dry ash (%)	0208	0.2550	0.0100	0.2504	0.0303	0.0093	19	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0529	0.2550	0.0100	0.2504	0.0303	0.0093	19	0.15	1%	0
019.31	Calcium, AAS, Dry ash (%)	0622	0.2556	0.0044	0.2504	0.0303	0.0093	19	0.17	1%	0
019.31	Calcium, AAS, Dry ash (%)	0108	0.2750	0.0100	0.2504	0.0303	0.0093	19	0.81	5%	0
019.31	Calcium, AAS, Dry ash (%)	0596	0.2750	0.0100	0.2504	0.0303	0.0093	19	0.81	5%	0
019.31	Calcium, AAS, Dry ash (%)	0948	0.2750	0.0100	0.2504	0.0303	0.0093	19	0.81	5%	0
019.31	Calcium, AAS, Dry ash (%)	2325	0.2750	0.0100	0.2504	0.0303	0.0093	19	0.81	5%	0
019.31	Calcium, AAS, Dry ash (%)	0884	0.3100	0.0200	0.2504	0.0303	0.0093	19	1.96	12%	0
019.31	Calcium, AAS, Dry ash (%)	0646	0.3200	0.0200	0.2504	0.0303	0.0093	19	2.29	14%	0
019.31	Calcium, AAS, Dry ash (%)	0687	0.2800	0.0600	0.2504	0.0303	0.0093	19	0.97	6%	1
019.32	Calcium, AAS, Open vessel (%)	0169	0.2450	0.0100				1			0
019.41	Calcium, ICP, Dry ash (%)	0910	0.2300	0.0000	0.2567	0.0226	0.0107	21	-1.18	5%	0
019.41	Calcium, ICP, Dry ash (%)	0019	0.2350	0.0100	0.2567	0.0226	0.0107	21	-0.96	4%	0
019.41	Calcium, ICP, Dry ash (%)	0358	0.2350	0.0100	0.2567	0.0226	0.0107	21	-0.96	4%	0
019.41	Calcium, ICP, Dry ash (%)	0066	0.2360	0.0160	0.2567	0.0226	0.0107	21	-0.91	4%	0
019.41	Calcium, ICP, Dry ash (%)	0004	0.2400	0.0000	0.2567	0.0226	0.0107	21	-0.74	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0098	0.2400	0.0000	0.2567	0.0226	0.0107	21	-0.74	3%	0
019.41	Calcium, ICP, Dry ash (%)	0619	0.2410	0.0020	0.2567	0.0226	0.0107	21	-0.69	3%	0
019.41	Calcium, ICP, Dry ash (%)	0049	0.2450	0.0100	0.2567	0.0226	0.0107	21	-0.52	2%	0
019.41	Calcium, ICP, Dry ash (%)	0144	0.2450	0.0100	0.2567	0.0226	0.0107	21	-0.52	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	0.2500	0.0000	0.2567	0.0226	0.0107	21	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0226	0.2500	0.0000	0.2567	0.0226	0.0107	21	-0.30	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	0.2550	0.0100	0.2567	0.0226	0.0107	21	-0.07	0%	0
019.41	Calcium, ICP, Dry ash (%)	0674	0.2600	0.0000	0.2567	0.0226	0.0107	21	0.15	1%	0
019.41	Calcium, ICP, Dry ash (%)	0148	0.2650	0.0080	0.2567	0.0226	0.0107	21	0.37	2%	0
019.41	Calcium, ICP, Dry ash (%)	0407	0.2667	0.0065	0.2567	0.0226	0.0107	21	0.44	2%	0
019.41	Calcium, ICP, Dry ash (%)	0848	0.2700	0.0200	0.2567	0.0226	0.0107	21	0.59	3%	0
019.41	Calcium, ICP, Dry ash (%)	0598	0.2715	0.0029	0.2567	0.0226	0.0107	21	0.65	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	0.2850	0.0100	0.2567	0.0226	0.0107	21	1.25	6%	0
019.41	Calcium, ICP, Dry ash (%)	0520	0.2890	0.0040	0.2567	0.0226	0.0107	21	1.43	6%	0
019.41	Calcium, ICP, Dry ash (%)	2259	0.3270	0.0360	0.2567	0.0226	0.0107	21	3.10	14%	0
019.41	Calcium, ICP, Dry ash (%)	0685	0.3500	0.0200	0.2567	0.0226	0.0107	21	4.12	18%	0
019.41	Calcium, ICP, Dry ash (%)	0229	0.2300	0.0600	0.2567	0.0226	0.0107	21	-1.18	5%	1
019.42	Calcium, ICP, Open vessel (%)	0009	0.2327	0.0166	0.2579	0.0233	0.0112	19	-1.08	5%	0
019.42	Calcium, ICP, Open vessel (%)	0026	0.2345	0.0090	0.2579	0.0233	0.0112	19	-1.01	5%	0
019.42	Calcium, ICP, Open vessel (%)	2319	0.2360	0.0020	0.2579	0.0233	0.0112	19	-0.94	4%	0
019.42	Calcium, ICP, Open vessel (%)	0504	0.2385	0.0050	0.2579	0.0233	0.0112	19	-0.83	4%	0
019.42	Calcium, ICP, Open vessel (%)	0263	0.2400	0.0060	0.2579	0.0233	0.0112	19	-0.77	3%	0
019.42	Calcium, ICP, Open vessel (%)	2129	0.2432	0.0219	0.2579	0.0233	0.0112	19	-0.63	3%	0
019.42	Calcium, ICP, Open vessel (%)	0366	0.2450	0.0100	0.2579	0.0233	0.0112	19	-0.56	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	0.2450	0.0100	0.2579	0.0233	0.0112	19	-0.56	3%	0
019.42	Calcium, ICP, Open vessel (%)	0037	0.2490	0.0000	0.2579	0.0233	0.0112	19	-0.38	2%	0
019.42	Calcium, ICP, Open vessel (%)	0870	0.2512	0.0007	0.2579	0.0233	0.0112	19	-0.29	1%	0
019.42	Calcium, ICP, Open vessel (%)	0042	0.2520	0.0020	0.2579	0.0233	0.0112	19	-0.25	1%	0
019.42	Calcium, ICP, Open vessel (%)	0190	0.2600	0.0000	0.2579	0.0233	0.0112	19	0.09	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	0.2684	0.0190	0.2579	0.0233	0.0112	19	0.45	2%	0
019.42	Calcium, ICP, Open vessel (%)	0045	0.2760	0.0620	0.2579	0.0233	0.0112	19	0.78	4%	0
019.42	Calcium, ICP, Open vessel (%)	0726	0.2800	0.0000	0.2579	0.0233	0.0112	19	0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	2375	0.2800	0.0200	0.2579	0.0233	0.0112	19	0.95	4%	0
019.42	Calcium, ICP, Open vessel (%)	2433	0.2834	0.0087	0.2579	0.0233	0.0112	19	1.09	5%	0
019.42	Calcium, ICP, Open vessel (%)	0278	0.3100	0.0000	0.2579	0.0233	0.0112	19	2.24	10%	0
019.42	Calcium, ICP, Open vessel (%)	0357	0.3124	0.0125	0.2579	0.0233	0.0112	19	2.34	11%	0
019.42	Calcium, ICP, Open vessel (%)	0693	0.2830	0.1220	0.2579	0.0233	0.0112	19	1.08	5%	1
019.43	Calcium, ICP, Microwave (%)	0038	0.2130	0.0100	0.2480	0.0184	0.0116	31	-1.90	7%	0
019.43	Calcium, ICP, Microwave (%)	0028	0.2200	0.0200	0.2480	0.0184	0.0116	31	-1.52	6%	0
019.43	Calcium, ICP, Microwave (%)	0345	0.2265	0.0030	0.2480	0.0184	0.0116	31	-1.17	4%	0
019.43	Calcium, ICP, Microwave (%)	0968	0.2285	0.0050	0.2480	0.0184	0.0116	31	-1.06	4%	0
019.43	Calcium, ICP, Microwave (%)	0089	0.2300	0.0000	0.2480	0.0184	0.0116	31	-0.98	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.43	Calcium, ICP, Microwave (%)	0610	0.2300	0.0000	0.2480	0.0184	0.0116	31	-0.98	4%	0
019.43	Calcium, ICP, Microwave (%)	0083	0.2355	0.0010	0.2480	0.0184	0.0116	31	-0.68	3%	0
019.43	Calcium, ICP, Microwave (%)	0036	0.2359	0.0008	0.2480	0.0184	0.0116	31	-0.66	2%	0
019.43	Calcium, ICP, Microwave (%)	0870	0.2383	0.0160	0.2480	0.0184	0.0116	31	-0.53	2%	0
019.43	Calcium, ICP, Microwave (%)	0297	0.2400	0.0200	0.2480	0.0184	0.0116	31	-0.43	2%	0
019.43	Calcium, ICP, Microwave (%)	0510	0.2400	0.0000	0.2480	0.0184	0.0116	31	-0.43	2%	0
019.43	Calcium, ICP, Microwave (%)	0629	0.2400	0.0100	0.2480	0.0184	0.0116	31	-0.43	2%	0
019.43	Calcium, ICP, Microwave (%)	0226	0.2404	0.0069	0.2480	0.0184	0.0116	31	-0.42	2%	0
019.43	Calcium, ICP, Microwave (%)	0508	0.2437	0.0004	0.2480	0.0184	0.0116	31	-0.23	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	0.2447	0.0062	0.2480	0.0184	0.0116	31	-0.18	1%	0
019.43	Calcium, ICP, Microwave (%)	0010	0.2500	0.0000	0.2480	0.0184	0.0116	31	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0098	0.2500	0.0000	0.2480	0.0184	0.0116	31	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0668	0.2500	0.0200	0.2480	0.0184	0.0116	31	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0876	0.2500	0.1000	0.2480	0.0184	0.0116	31	0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	2276	0.2543	0.0009	0.2480	0.0184	0.0116	31	0.34	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	0.2550	0.0100	0.2480	0.0184	0.0116	31	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	0.2550	0.0100	0.2480	0.0184	0.0116	31	0.38	1%	0
019.43	Calcium, ICP, Microwave (%)	0505	0.2560	0.0060	0.2480	0.0184	0.0116	31	0.44	2%	0
019.43	Calcium, ICP, Microwave (%)	0512	0.2575	0.0134	0.2480	0.0184	0.0116	31	0.52	2%	0
019.43	Calcium, ICP, Microwave (%)	2326	0.2600	0.0200	0.2480	0.0184	0.0116	31	0.65	2%	0
019.43	Calcium, ICP, Microwave (%)	0511	0.2650	0.0300	0.2480	0.0184	0.0116	31	0.93	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	0.2683	0.0322	0.2480	0.0184	0.0116	31	1.11	4%	0
019.43	Calcium, ICP, Microwave (%)	0202	0.2800	0.0200	0.2480	0.0184	0.0116	31	1.74	6%	0
019.43	Calcium, ICP, Microwave (%)	0354	0.2900	0.0020	0.2480	0.0184	0.0116	31	2.29	8%	0
019.43	Calcium, ICP, Microwave (%)	0675	0.2950	0.0100	0.2480	0.0184	0.0116	31	2.56	9%	0
019.43	Calcium, ICP, Microwave (%)	0682	0.3100	0.0000	0.2480	0.0184	0.0116	31	3.38	13%	0
019.43	Calcium, ICP, Microwave (%)	0964	1,166	23.00	0.2480	0.0184	0.0116	31	>100	234944%	2
019.44	Calcium, ICP, Dry ash (%)	2114	0.2388	0.0026				3			0
019.44	Calcium, ICP, Dry ash (%)	0164	0.2475	0.0050				3			0
019.44	Calcium, ICP, Dry ash (%)	2445	0.2550	0.0100				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0154	0.2350	0.0075				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	0.2456	0.0094				3			0
019.52	Calcium, ICP-MS, Open vessel (%)	0047	0.2850	0.0300				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0199	0.1945	0.0050				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	0.2350	0.0100				3			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	0.2560	0.0404				3			0
019.99	Calcium, Miscellaneous (%)	0242	0.2250	0.0100	0.2435	0.0208	0.0100	7	-0.89	4%	0
019.99	Calcium, Miscellaneous (%)	0889	0.2250	0.0100	0.2435	0.0208	0.0100	7	-0.89	4%	0
019.99	Calcium, Miscellaneous (%)	0590	0.2350	0.0100	0.2435	0.0208	0.0100	7	-0.41	2%	0
019.99	Calcium, Miscellaneous (%)	0676	0.2400	0.0000	0.2435	0.0208	0.0100	7	-0.17	1%	0
019.99	Calcium, Miscellaneous (%)	0100	0.2450	0.0100	0.2435	0.0208	0.0100	7	0.07	0%	0
019.99	Calcium, Miscellaneous (%)	0123	0.2600	0.0200	0.2435	0.0208	0.0100	7	0.79	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
019.99	Calcium, Miscellaneous (%)	2302	0.3050	0.0100	0.2435	0.0208	0.0100	7	2.95	13%	0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	6.500	1.000				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	47.20	0.3957				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	8.244	0.0620	8.680	0.6591	0.0471	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	8.291	0.0364	8.680	0.6591	0.0471	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0619	8.535	0.0700	8.680	0.6591	0.0471	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0148	9.650	0.0200	8.680	0.6591	0.0471	4			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	8.850	0.3000	8.680	0.6591	0.0471	4			1
021.42	Cobalt, ICP, Open vessel (ppm)	0042	1.590	0.0400	5.988	2.801	1.310	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	5.012	3.635	5.988	2.801	1.310	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	6.910	2.480	5.988	2.801	1.310	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	0366	7.800	0.2000	5.988	2.801	1.310	5			0
021.42	Cobalt, ICP, Open vessel (ppm)	2433	8.627	0.1950	5.988	2.801	1.310	5			0
021.43	Cobalt, ICP, Microwave (ppm)	0297	5.500	1.000	8.181	2.452	0.4740	10	-1.09	16%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	5.902	1.446	8.181	2.452	0.4740	10	-0.93	14%	0
021.43	Cobalt, ICP, Microwave (ppm)	0226	5.940	0.2600	8.181	2.452	0.4740	10	-0.91	14%	0
021.43	Cobalt, ICP, Microwave (ppm)	0510	6.175	0.2500	8.181	2.452	0.4740	10	-0.82	12%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	8.715	0.1900	8.181	2.452	0.4740	10	0.22	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	9.010	0.0200	8.181	2.452	0.4740	10	0.34	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	2326	9.030	0.7000	8.181	2.452	0.4740	10	0.35	5%	0
021.43	Cobalt, ICP, Microwave (ppm)	0508	9.805	0.1749	8.181	2.452	0.4740	10	0.66	10%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	9.900	0.0000	8.181	2.452	0.4740	10	0.70	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	11.84	0.5226	8.181	2.452	0.4740	10	1.49	22%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0047	1.595	0.0100				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	1.610	0.0400				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0199	1.186	0.1350				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	7.995	0.0700				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0610	9.535	0.1100				3			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	6.024	1.039				3			1
021.99	Cobalt, Miscellaneous (ppm)	0123	6.775	0.4700				1			0
022.31	Copper, AAS, Dry ash (ppm)	2188	10.19	0.0400	12.08	1.866	0.3120	8	-1.01	8%	0
022.31	Copper, AAS, Dry ash (ppm)	0629	10.40	0.0000	12.08	1.866	0.3120	8	-0.90	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	10.50	0.0000	12.08	1.866	0.3120	8	-0.85	7%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	11.34	0.4300	12.08	1.866	0.3120	8	-0.40	3%	0
022.31	Copper, AAS, Dry ash (ppm)	0689	13.15	0.5000	12.08	1.866	0.3120	8	0.57	4%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	13.39	0.0000	12.08	1.866	0.3120	8	0.70	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	13.40	0.4000	12.08	1.866	0.3120	8	0.71	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	14.30	0.1900	12.08	1.866	0.3120	8	1.19	9%	0
022.31	Copper, AAS, Dry ash (ppm)	0651	13.82	2.265	12.08	1.866	0.3120	8	0.93	7%	1
022.32	Copper, AAS, Open vessel (ppm)	0038	11.00	2.000				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	13.72	0.5300				1			0
022.41	Copper, ICP, Dry ash (ppm)	0848	10.47	1.490	12.29	1.687	1.186	15	-1.08	7%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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	10.55	1.045	12.29	1.687	1.186	15	-1.03	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	10.76	0.4300	12.29	1.687	1.186	15	-0.91	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	10.89	0.0000	12.29	1.687	1.186	15	-0.83	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	11.00	2.000	12.29	1.687	1.186	15	-0.76	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	11.50	2.150	12.29	1.687	1.186	15	-0.47	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0004	11.79	0.0600	12.29	1.687	1.186	15	-0.30	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	12.10	1.260	12.29	1.687	1.186	15	-0.11	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	12.22	2.390	12.29	1.687	1.186	15	-0.04	0%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	13.05	0.9000	12.29	1.687	1.186	15	0.45	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	13.25	0.4200	12.29	1.687	1.186	15	0.57	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	13.29	1.070	12.29	1.687	1.186	15	0.59	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	13.85	1.100	12.29	1.687	1.186	15	0.93	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	14.84	0.0128	12.29	1.687	1.186	15	1.51	10%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	16.33	2.283	12.29	1.687	1.186	15	2.39	16%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	12.45	6.120	12.29	1.687	1.186	15	0.10	1%	1
022.42	Copper, ICP, Open vessel (ppm)	0037	9.400	0.0000	11.39	0.9880	0.5295	19	-2.01	9%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	9.620	0.8200	11.39	0.9880	0.5295	19	-1.79	8%	0
022.42	Copper, ICP, Open vessel (ppm)	0366	10.50	1.000	11.39	0.9880	0.5295	19	-0.90	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0263	10.61	0.3340	11.39	0.9880	0.5295	19	-0.79	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	10.75	0.3000	11.39	0.9880	0.5295	19	-0.65	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	10.91	0.2400	11.39	0.9880	0.5295	19	-0.48	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	11.00	0.0000	11.39	0.9880	0.5295	19	-0.39	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	11.10	0.2540	11.39	0.9880	0.5295	19	-0.29	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	11.10	0.4000	11.39	0.9880	0.5295	19	-0.29	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	11.20	0.3800	11.39	0.9880	0.5295	19	-0.19	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	11.62	0.5700	11.39	0.9880	0.5295	19	0.23	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	11.69	0.7700	11.39	0.9880	0.5295	19	0.30	1%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	11.80	0.2000	11.39	0.9880	0.5295	19	0.42	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2375	12.00	2.000	11.39	0.9880	0.5295	19	0.62	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	12.08	0.2000	11.39	0.9880	0.5295	19	0.70	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	12.30	0.6000	11.39	0.9880	0.5295	19	0.92	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	12.31	0.1790	11.39	0.9880	0.5295	19	0.93	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	12.75	0.7000	11.39	0.9880	0.5295	19	1.38	6%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	14.20	1.000	11.39	0.9880	0.5295	19	2.85	12%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	14.75	8.100	11.39	0.9880	0.5295	19	3.40	15%	1
022.42	Copper, ICP, Open vessel (ppm)	0026	0.0000	0.0000	11.39	0.9880	0.5295	19			4
022.43	Copper, ICP, Microwave (ppm)	0038	9.450	1.700	11.18	0.8333	0.5543	29	-2.08	8%	0
022.43	Copper, ICP, Microwave (ppm)	0345	9.750	0.7000	11.18	0.8333	0.5543	29	-1.72	6%	0
022.43	Copper, ICP, Microwave (ppm)	0511	10.00	0.0000	11.18	0.8333	0.5543	29	-1.42	5%	0
022.43	Copper, ICP, Microwave (ppm)	2326	10.34	0.2900	11.18	0.8333	0.5543	29	-1.01	4%	0
022.43	Copper, ICP, Microwave (ppm)	0028	10.44	1.160	11.18	0.8333	0.5543	29	-0.89	3%	0
022.43	Copper, ICP, Microwave (ppm)	0297	10.50	1.000	11.18	0.8333	0.5543	29	-0.82	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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)	0629	10.55	0.3000	11.18	0.8333	0.5543	29	-0.76	3%	0
022.43	Copper, ICP, Microwave (ppm)	0017	10.66	0.3128	11.18	0.8333	0.5543	29	-0.63	2%	0
022.43	Copper, ICP, Microwave (ppm)	0968	10.68	0.1830	11.18	0.8333	0.5543	29	-0.60	2%	0
022.43	Copper, ICP, Microwave (ppm)	0098	10.92	0.0600	11.18	0.8333	0.5543	29	-0.31	1%	0
022.43	Copper, ICP, Microwave (ppm)	0035	11.00	0.0000	11.18	0.8333	0.5543	29	-0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	0510	11.00	0.0000	11.18	0.8333	0.5543	29	-0.22	1%	0
022.43	Copper, ICP, Microwave (ppm)	2445	11.02	0.3600	11.18	0.8333	0.5543	29	-0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0169	11.05	0.1000	11.18	0.8333	0.5543	29	-0.16	1%	0
022.43	Copper, ICP, Microwave (ppm)	0610	11.15	0.3000	11.18	0.8333	0.5543	29	-0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0226	11.20	0.4200	11.18	0.8333	0.5543	29	0.02	0%	0
022.43	Copper, ICP, Microwave (ppm)	0870	11.29	0.6800	11.18	0.8333	0.5543	29	0.13	0%	0
022.43	Copper, ICP, Microwave (ppm)	0407	11.42	1.737	11.18	0.8333	0.5543	29	0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	0668	11.50	1.000	11.18	0.8333	0.5543	29	0.38	1%	0
022.43	Copper, ICP, Microwave (ppm)	2089	11.51	1.910	11.18	0.8333	0.5543	29	0.39	1%	0
022.43	Copper, ICP, Microwave (ppm)	0083	11.53	0.1300	11.18	0.8333	0.5543	29	0.41	2%	0
022.43	Copper, ICP, Microwave (ppm)	0010	11.55	1.300	11.18	0.8333	0.5543	29	0.44	2%	0
022.43	Copper, ICP, Microwave (ppm)	0512	11.64	0.0500	11.18	0.8333	0.5543	29	0.55	2%	0
022.43	Copper, ICP, Microwave (ppm)	0675	11.88	0.2500	11.18	0.8333	0.5543	29	0.83	3%	0
022.43	Copper, ICP, Microwave (ppm)	0848	11.97	0.5700	11.18	0.8333	0.5543	29	0.94	4%	0
022.43	Copper, ICP, Microwave (ppm)	0202	12.30	0.2000	11.18	0.8333	0.5543	29	1.34	5%	0
022.43	Copper, ICP, Microwave (ppm)	0508	13.35	0.3650	11.18	0.8333	0.5543	29	2.60	10%	0
022.43	Copper, ICP, Microwave (ppm)	0682	13.40	0.0000	11.18	0.8333	0.5543	29	2.66	10%	0
022.43	Copper, ICP, Microwave (ppm)	0354	14.87	0.1700	11.18	0.8333	0.5543	29	4.42	16%	0
022.43	Copper, ICP, Microwave (ppm)	0964	1,452	145.0	11.18	0.8333	0.5543	29	>100	6442%	2
022.44	Copper, ICP, Dry ash (ppm)	0066	10.53	0.1600				3			0
022.44	Copper, ICP, Dry ash (ppm)	0164	11.00	0.0000				3			0
022.44	Copper, ICP, Dry ash (ppm)	2114	11.99	0.2840				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	11.82	0.3400				2			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0047	12.09	0.4300				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0199	9.915	0.0500				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	10.26	0.0900				3			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	11.97	1.394				3			0
022.99	Copper, Miscellaneous (ppm)	0242	10.00	0.0000				3			0
022.99	Copper, Miscellaneous (ppm)	0590	11.00	0.4000				3			0
022.99	Copper, Miscellaneous (ppm)	0123	11.65	0.3000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	13.00	4.000				3			1
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	0.2135	0.0170				1			0
025.31	Iron, AAS, Dry ash (ppm)	0689	211.3	1.400	359.0	61.52	7.142	11	-2.40	21%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	303.5	7.560	359.0	61.52	7.142	11	-0.90	8%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	325.0	0.0000	359.0	61.52	7.142	11	-0.55	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0629	330.0	0.0000	359.0	61.52	7.142	11	-0.47	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	339.0	2.000	359.0	61.52	7.142	11	-0.32	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.31	Iron, AAS, Dry ash (ppm)	0563	341.1	12.18	359.0	61.52	7.142	11	-0.29	2%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	385.7	0.0000	359.0	61.52	7.142	11	0.43	4%	0
025.31	Iron, AAS, Dry ash (ppm)	0536	393.8	10.53	359.0	61.52	7.142	11	0.57	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	396.7	3.000	359.0	61.52	7.142	11	0.61	5%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	416.0	21.20	359.0	61.52	7.142	11	0.93	8%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	457.0	4.000	359.0	61.52	7.142	11	1.59	14%	0
025.33	Iron, AAS, Microwave (ppm)	0948	399.8	20.98				1			0
025.41	Iron, ICP, Dry ash (ppm)	0598	285.2	25.15	388.1	29.94	17.93	19	-3.44	13%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	346.4	15.65	388.1	29.94	17.93	19	-1.39	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0619	349.0	8.000	388.1	29.94	17.93	19	-1.31	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	369.7	11.33	388.1	29.94	17.93	19	-0.61	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	370.0	10.00	388.1	29.94	17.93	19	-0.60	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	372.9	12.30	388.1	29.94	17.93	19	-0.51	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	378.2	42.71	388.1	29.94	17.93	19	-0.33	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	383.3	11.17	388.1	29.94	17.93	19	-0.16	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	386.3	34.30	388.1	29.94	17.93	19	-0.06	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0229	387.4	29.40	388.1	29.94	17.93	19	-0.02	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	395.8	36.93	388.1	29.94	17.93	19	0.26	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	396.9	9.015	388.1	29.94	17.93	19	0.29	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	399.2	5.600	388.1	29.94	17.93	19	0.37	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	399.5	15.00	388.1	29.94	17.93	19	0.38	1%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	399.8	10.94	388.1	29.94	17.93	19	0.39	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	404.0	0.0000	388.1	29.94	17.93	19	0.53	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	426.0	26.00	388.1	29.94	17.93	19	1.27	5%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	442.7	8.534	388.1	29.94	17.93	19	1.82	7%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	442.9	0.0000	388.1	29.94	17.93	19	1.83	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0037	69.10	2.000	308.0	93.92	10.62	18	-2.54	39%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	213.5	29.00	308.0	93.92	10.62	18	-1.01	15%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	220.1	4.800	308.0	93.92	10.62	18	-0.94	14%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	232.5	1.000	308.0	93.92	10.62	18	-0.80	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	237.0	44.00	308.0	93.92	10.62	18	-0.76	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	246.2	5.800	308.0	93.92	10.62	18	-0.66	10%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	250.0	0.0000	308.0	93.92	10.62	18	-0.62	9%	0
025.42	Iron, ICP, Open vessel (ppm)	2375	262.5	27.00	308.0	93.92	10.62	18	-0.48	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	310.5	11.00	308.0	93.92	10.62	18	0.03	0%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	321.3	5.400	308.0	93.92	10.62	18	0.14	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	330.0	12.00	308.0	93.92	10.62	18	0.23	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0366	342.5	21.00	308.0	93.92	10.62	18	0.37	6%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	354.1	10.05	308.0	93.92	10.62	18	0.49	7%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	382.5	1.546	308.0	93.92	10.62	18	0.79	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	384.7	6.200	308.0	93.92	10.62	18	0.82	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	421.5	11.00	308.0	93.92	10.62	18	1.21	18%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.42	Iron, ICP, Open vessel (ppm)	2129	429.7	10.10	308.0	93.92	10.62	18	1.30	20%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	438.5	4.630	308.0	93.92	10.62	18	1.39	21%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	303.9	78.67	308.0	93.92	10.62	18	-0.04	1%	1
025.43	Iron, ICP, Microwave (ppm)	0345	239.0	10.80	388.9	52.23	14.39	27	-2.87	19%	0
025.43	Iron, ICP, Microwave (ppm)	2089	267.7	24.83	388.9	52.23	14.39	27	-2.32	16%	0
025.43	Iron, ICP, Microwave (ppm)	0968	326.2	28.34	388.9	52.23	14.39	27	-1.20	8%	0
025.43	Iron, ICP, Microwave (ppm)	0083	326.8	3.480	388.9	52.23	14.39	27	-1.19	8%	0
025.43	Iron, ICP, Microwave (ppm)	2326	335.2	68.58	388.9	52.23	14.39	27	-1.03	7%	0
025.43	Iron, ICP, Microwave (ppm)	0407	346.7	22.44	388.9	52.23	14.39	27	-0.81	5%	0
025.43	Iron, ICP, Microwave (ppm)	0017	348.9	46.39	388.9	52.23	14.39	27	-0.77	5%	0
025.43	Iron, ICP, Microwave (ppm)	0297	353.0	12.00	388.9	52.23	14.39	27	-0.69	5%	0
025.43	Iron, ICP, Microwave (ppm)	0629	364.0	0.0000	388.9	52.23	14.39	27	-0.48	3%	0
025.43	Iron, ICP, Microwave (ppm)	0511	375.0	36.00	388.9	52.23	14.39	27	-0.27	2%	0
025.43	Iron, ICP, Microwave (ppm)	0354	377.3	1.830	388.9	52.23	14.39	27	-0.22	2%	0
025.43	Iron, ICP, Microwave (ppm)	0028	379.7	5.100	388.9	52.23	14.39	27	-0.18	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	382.5	17.00	388.9	52.23	14.39	27	-0.12	1%	0
025.43	Iron, ICP, Microwave (ppm)	0510	383.0	2.000	388.9	52.23	14.39	27	-0.11	1%	0
025.43	Iron, ICP, Microwave (ppm)	0169	396.0	6.000	388.9	52.23	14.39	27	0.14	1%	0
025.43	Iron, ICP, Microwave (ppm)	0675	403.0	1.600	388.9	52.23	14.39	27	0.27	2%	0
025.43	Iron, ICP, Microwave (ppm)	0226	404.0	3.910	388.9	52.23	14.39	27	0.29	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	416.4	1.400	388.9	52.23	14.39	27	0.53	4%	0
025.43	Iron, ICP, Microwave (ppm)	0668	425.0	10.00	388.9	52.23	14.39	27	0.69	5%	0
025.43	Iron, ICP, Microwave (ppm)	0508	426.1	3.480	388.9	52.23	14.39	27	0.71	5%	0
025.43	Iron, ICP, Microwave (ppm)	0505	430.0	1.800	388.9	52.23	14.39	27	0.79	5%	0
025.43	Iron, ICP, Microwave (ppm)	0682	437.4	0.0000	388.9	52.23	14.39	27	0.93	6%	0
025.43	Iron, ICP, Microwave (ppm)	0512	438.6	31.60	388.9	52.23	14.39	27	0.95	6%	0
025.43	Iron, ICP, Microwave (ppm)	0035	442.5	3.000	388.9	52.23	14.39	27	1.03	7%	0
025.43	Iron, ICP, Microwave (ppm)	0870	444.1	20.00	388.9	52.23	14.39	27	1.06	7%	0
025.43	Iron, ICP, Microwave (ppm)	0027	451.7	0.6220	388.9	52.23	14.39	27	1.20	8%	0
025.43	Iron, ICP, Microwave (ppm)	0876	482.7	122.2	388.9	52.23	14.39	27	1.80	12%	0
025.43	Iron, ICP, Microwave (ppm)	0964	4,624	196.0	388.9	52.23	14.39	27	81.08	544%	2
025.52	Iron, ICP-MS, Open vessel (ppm)	0047	105.8	0.0300				2			0
025.52	Iron, ICP-MS, Open vessel (ppm)	0154	296.4	7.830				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0199	111.5	5.000				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	283.5	63.39				3			0
025.53	Iron, ICP-MS, Microwave (ppm)	0939	382.5	5.000				3			0
025.99	Iron, Miscellaneous (ppm)	0242	314.0	0.0000	340.0	29.94	23.33	4			0
025.99	Iron, Miscellaneous (ppm)	0100	323.0	14.00	340.0	29.94	23.33	4			0
025.99	Iron, Miscellaneous (ppm)	0123	341.5	21.00	340.0	29.94	23.33	4			0
025.99	Iron, Miscellaneous (ppm)	0590	381.5	35.00	340.0	29.94	23.33	4			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.5635	0.0090	0.6052	0.0375	0.0141	8	-1.11	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.5660	0.0280	0.6052	0.0375	0.0141	8	-1.05	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.31	Magnesium, AAS, Dry ash (%)	0629	0.5915	0.0170	0.6052	0.0375	0.0141	8	-0.37	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.6000	0.0000	0.6052	0.0375	0.0141	8	-0.14	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.6070	0.0108	0.6052	0.0375	0.0141	8	0.05	0%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.6150	0.0100	0.6052	0.0375	0.0141	8	0.26	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.6400	0.0000	0.6052	0.0375	0.0141	8	0.93	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.6586	0.0145	0.6052	0.0375	0.0141	8	1.42	4%	0
027.32	Magnesium, AAS, Open vessel (%)	0169	0.6000	0.0200				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.5820	0.0000				1			0
027.41	Magnesium, ICP, Dry ash (%)	0358	0.5900	0.0200	0.6335	0.0294	0.0160	18	-1.48	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.6000	0.0000	0.6335	0.0294	0.0160	18	-1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.6000	0.0000	0.6335	0.0294	0.0160	18	-1.14	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.6085	0.0290	0.6335	0.0294	0.0160	18	-0.85	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.6100	0.0200	0.6335	0.0294	0.0160	18	-0.80	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	0.6150	0.0300	0.6335	0.0294	0.0160	18	-0.63	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.6250	0.0100	0.6335	0.0294	0.0160	18	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.6250	0.0100	0.6335	0.0294	0.0160	18	-0.29	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.6315	0.0390	0.6335	0.0294	0.0160	18	-0.07	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.6350	0.0100	0.6335	0.0294	0.0160	18	0.05	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.6450	0.0100	0.6335	0.0294	0.0160	18	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.6451	0.0003	0.6335	0.0294	0.0160	18	0.39	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.6510	0.0000	0.6335	0.0294	0.0160	18	0.59	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.6550	0.0100	0.6335	0.0294	0.0160	18	0.73	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.6600	0.0000	0.6335	0.0294	0.0160	18	0.90	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.6645	0.0257	0.6335	0.0294	0.0160	18	1.05	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.6650	0.0100	0.6335	0.0294	0.0160	18	1.07	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.7010	0.0060	0.6335	0.0294	0.0160	18	2.29	5%	0
027.42	Magnesium, ICP, Open vessel (%)	0026	0.5850	0.0120	0.6323	0.0275	0.0122	20	-1.72	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.5995	0.0070	0.6323	0.0275	0.0122	20	-1.19	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.6060	0.0080	0.6323	0.0275	0.0122	20	-0.95	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.6082	0.0187	0.6323	0.0275	0.0122	20	-0.88	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.6110	0.0020	0.6323	0.0275	0.0122	20	-0.77	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.6150	0.0300	0.6323	0.0275	0.0122	20	-0.63	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.6150	0.0100	0.6323	0.0275	0.0122	20	-0.63	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.6210	0.0020	0.6323	0.0275	0.0122	20	-0.41	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.6259	0.0138	0.6323	0.0275	0.0122	20	-0.23	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0037	0.6275	0.0050	0.6323	0.0275	0.0122	20	-0.17	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.6398	0.0072	0.6323	0.0275	0.0122	20	0.27	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.6400	0.0000	0.6323	0.0275	0.0122	20	0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.6400	0.0200	0.6323	0.0275	0.0122	20	0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0366	0.6400	0.0200	0.6323	0.0275	0.0122	20	0.28	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.6424	0.0030	0.6323	0.0275	0.0122	20	0.37	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.6538	0.0053	0.6323	0.0275	0.0122	20	0.78	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0045	0.6560	0.0200	0.6323	0.0275	0.0122	20	0.86	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.6695	0.0269	0.6323	0.0275	0.0122	20	1.35	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.6705	0.0050	0.6323	0.0275	0.0122	20	1.39	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.7100	0.0200	0.6323	0.0275	0.0122	20	2.82	6%	0
027.42	Magnesium, ICP, Open vessel (%)	2375	0.7100	0.1000	0.6323	0.0275	0.0122	20	2.82	6%	1
027.43	Magnesium, ICP, Microwave (%)	0018	0.5410	0.0200	0.6174	0.0360	0.0147	28	-2.12	6%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.5500	0.0000	0.6174	0.0360	0.0147	28	-1.87	5%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.5750	0.0100	0.6174	0.0360	0.0147	28	-1.18	3%	0
027.43	Magnesium, ICP, Microwave (%)	0028	0.5800	0.0400	0.6174	0.0360	0.0147	28	-1.04	3%	0
027.43	Magnesium, ICP, Microwave (%)	0083	0.5850	0.0100	0.6174	0.0360	0.0147	28	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.5850	0.0100	0.6174	0.0360	0.0147	28	-0.90	3%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.5885	0.0218	0.6174	0.0360	0.0147	28	-0.80	2%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.5950	0.0100	0.6174	0.0360	0.0147	28	-0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.6020	0.0060	0.6174	0.0360	0.0147	28	-0.43	1%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.6030	0.0020	0.6174	0.0360	0.0147	28	-0.40	1%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.6050	0.0100	0.6174	0.0360	0.0147	28	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	2445	0.6050	0.0300	0.6174	0.0360	0.0147	28	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.6157	0.0339	0.6174	0.0360	0.0147	28	-0.05	0%	0
027.43	Magnesium, ICP, Microwave (%)	0508	0.6177	0.0033	0.6174	0.0360	0.0147	28	0.01	0%	0
027.43	Magnesium, ICP, Microwave (%)	0202	0.6200	0.0200	0.6174	0.0360	0.0147	28	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0668	0.6200	0.0000	0.6174	0.0360	0.0147	28	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.6200	0.0200	0.6174	0.0360	0.0147	28	0.07	0%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.6250	0.0100	0.6174	0.0360	0.0147	28	0.21	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.6312	0.0073	0.6174	0.0360	0.0147	28	0.38	1%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.6360	0.0020	0.6174	0.0360	0.0147	28	0.52	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.6420	0.0020	0.6174	0.0360	0.0147	28	0.68	2%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.6436	0.0183	0.6174	0.0360	0.0147	28	0.73	2%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.6450	0.0100	0.6174	0.0360	0.0147	28	0.77	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.6500	0.0000	0.6174	0.0360	0.0147	28	0.91	3%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.6600	0.0200	0.6174	0.0360	0.0147	28	1.18	3%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.6700	0.0000	0.6174	0.0360	0.0147	28	1.46	4%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.6700	0.0000	0.6174	0.0360	0.0147	28	1.46	4%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.6782	0.0802	0.6174	0.0360	0.0147	28	1.69	5%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.7250	0.2100	0.6174	0.0360	0.0147	28	2.99	9%	1
027.43	Magnesium, ICP, Microwave (%)	0964	10.44	0.2213	0.6174	0.0360	0.0147	28	>100	795%	2
027.44	Magnesium, ICP, Dry ash (%)	0164	0.6505	0.0130				2			0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.6566	0.0155				2			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0047	0.5950	0.0500				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.6249	0.0184				3			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0154	0.6253	0.0075				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0199	0.4805	0.0030				3			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.6000	0.0400				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.6587	0.0837				3			0
027.99	Magnesium, Miscellaneous (%)	0242	0.6050	0.0100	0.6200	0.0158	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0590	0.6100	0.0200	0.6200	0.0158	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0123	0.6250	0.0100	0.6200	0.0158	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0100	0.6400	0.0200	0.6200	0.0158	0.0150	4			0
027.99	Magnesium, Miscellaneous (%)	0889	0.5000	0.0400	0.6200	0.0158	0.0150	4			2
028.00	Manganese, Color (ppm)	2392	43.00	1.000				1			0
028.31	Manganese, AAS, Dry ash (ppm)	0536	20.45	0.0100	34.14	9.371	0.7891	10	-1.46	20%	0
028.31	Manganese, AAS, Dry ash (ppm)	0689	21.25	1.700	34.14	9.371	0.7891	10	-1.38	19%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	29.64	1.279	34.14	9.371	0.7891	10	-0.48	7%	0
028.31	Manganese, AAS, Dry ash (ppm)	0629	33.60	0.0000	34.14	9.371	0.7891	10	-0.06	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	36.08	0.6400	34.14	9.371	0.7891	10	0.21	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	36.50	1.000	34.14	9.371	0.7891	10	0.25	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	37.70	0.4000	34.14	9.371	0.7891	10	0.38	5%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	39.44	0.0000	34.14	9.371	0.7891	10	0.57	8%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	40.19	0.9300	34.14	9.371	0.7891	10	0.65	9%	0
028.31	Manganese, AAS, Dry ash (ppm)	0651	46.53	0.3539	34.14	9.371	0.7891	10	1.32	18%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	46.05	4.900				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	33.88	1.490				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0910	36.50	1.000	39.71	2.430	1.325	16	-1.32	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	36.57	0.0200	39.71	2.430	1.325	16	-1.29	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	37.54	0.7329	39.71	2.430	1.325	16	-0.89	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	37.56	0.5500	39.71	2.430	1.325	16	-0.89	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	38.18	2.366	39.71	2.430	1.325	16	-0.63	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0619	38.70	1.200	39.71	2.430	1.325	16	-0.41	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	38.89	1.530	39.71	2.430	1.325	16	-0.34	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	39.49	0.3100	39.71	2.430	1.325	16	-0.09	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	39.55	1.310	39.71	2.430	1.325	16	-0.07	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	40.34	0.0000	39.71	2.430	1.325	16	0.26	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	41.13	2.640	39.71	2.430	1.325	16	0.59	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	41.43	0.6800	39.71	2.430	1.325	16	0.71	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	41.50	1.000	39.71	2.430	1.325	16	0.74	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	42.24	2.300	39.71	2.430	1.325	16	1.04	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	42.35	3.300	39.71	2.430	1.325	16	1.09	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	48.74	1.452	39.71	2.430	1.325	16	3.72	11%	0
028.42	Manganese, ICP, Open vessel (ppm)	0263	36.52	0.1900	40.54	2.777	1.311	21	-1.45	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	36.85	0.4000	40.54	2.777	1.311	21	-1.33	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	37.85	0.5000	40.54	2.777	1.311	21	-0.97	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	38.50	5.000	40.54	2.777	1.311	21	-0.73	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	38.61	0.8300	40.54	2.777	1.311	21	-0.70	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	39.00	2.000	40.54	2.777	1.311	21	-0.55	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	39.05	0.3000	40.54	2.777	1.311	21	-0.54	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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)	0186	39.34	0.8400	40.54	2.777	1.311	21	-0.43	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	39.47	1.330	40.54	2.777	1.311	21	-0.39	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	40.00	0.0000	40.54	2.777	1.311	21	-0.19	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	40.00	2.000	40.54	2.777	1.311	21	-0.19	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0037	40.65	0.1000	40.54	2.777	1.311	21	0.04	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0366	41.00	4.000	40.54	2.777	1.311	21	0.17	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	41.27	1.361	40.54	2.777	1.311	21	0.26	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	41.36	0.6900	40.54	2.777	1.311	21	0.29	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	41.50	1.200	40.54	2.777	1.311	21	0.35	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	42.75	0.5000	40.54	2.777	1.311	21	0.80	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0726	43.96	1.020	40.54	2.777	1.311	21	1.23	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	44.45	3.900	40.54	2.777	1.311	21	1.41	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	2375	44.50	5.000	40.54	2.777	1.311	21	1.43	5%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	45.60	0.3370	40.54	2.777	1.311	21	1.82	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	40.97	10.85	40.54	2.777	1.311	21	0.15	1%	1
028.43	Manganese, ICP, Microwave (ppm)	0017	32.31	0.8073	39.93	2.798	1.397	27	-2.72	10%	0
028.43	Manganese, ICP, Microwave (ppm)	0028	35.75	5.420	39.93	2.798	1.397	27	-1.49	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	36.00	2.000	39.93	2.798	1.397	27	-1.40	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	37.00	2.000	39.93	2.798	1.397	27	-1.05	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	37.26	0.5200	39.93	2.798	1.397	27	-0.95	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	38.05	0.5000	39.93	2.798	1.397	27	-0.67	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	38.29	1.618	39.93	2.798	1.397	27	-0.58	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	38.35	0.9000	39.93	2.798	1.397	27	-0.56	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	38.50	1.000	39.93	2.798	1.397	27	-0.51	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	39.05	0.3270	39.93	2.798	1.397	27	-0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0508	39.06	1.364	39.93	2.798	1.397	27	-0.31	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	39.60	1.930	39.93	2.798	1.397	27	-0.12	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	40.01	0.2200	39.93	2.798	1.397	27	0.03	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	40.10	0.2000	39.93	2.798	1.397	27	0.06	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	40.15	0.9100	39.93	2.798	1.397	27	0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	40.35	1.500	39.93	2.798	1.397	27	0.15	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	40.50	1.000	39.93	2.798	1.397	27	0.20	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	40.67	0.2100	39.93	2.798	1.397	27	0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0668	41.00	2.000	39.93	2.798	1.397	27	0.38	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	41.15	2.870	39.93	2.798	1.397	27	0.44	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	41.70	0.2500	39.93	2.798	1.397	27	0.63	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	42.00	4.400	39.93	2.798	1.397	27	0.74	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0202	42.35	2.700	39.93	2.798	1.397	27	0.87	3%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	43.07	1.880	39.93	2.798	1.397	27	1.12	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	44.92	0.3620	39.93	2.798	1.397	27	1.78	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	45.17	0.0000	39.93	2.798	1.397	27	1.87	7%	0
028.43	Manganese, ICP, Microwave (ppm)	2089	46.53	8.680	39.93	2.798	1.397	27	2.36	8%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.43	Manganese, ICP, Microwave (ppm)	0876	46.88	11.78	39.93	2.798	1.397	27	2.48	9%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	33.19	0.5700				3			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	39.50	1.000				3			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	40.23	2.331				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0047	39.40	4.390				2			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	41.38	1.330				2			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0199	33.80	0.4300				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	38.02	0.0292				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	38.76	4.510				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	38.50	3.000	40.04	1.404	3.433	4			0
028.99	Manganese, Miscellaneous (ppm)	0123	39.75	5.100	40.04	1.404	3.433	4			0
028.99	Manganese, Miscellaneous (ppm)	0242	40.00	0.0000	40.04	1.404	3.433	4			0
028.99	Manganese, Miscellaneous (ppm)	0590	41.90	2.200	40.04	1.404	3.433	4			0
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0024	0.0002				1			0
031.01	Phosphorus, Photometric (%)	0108	0.9850	0.0100	1.155	0.0390	0.0147	33	-4.36	7%	0
031.01	Phosphorus, Photometric (%)	0651	1.040	0.0000	1.155	0.0390	0.0147	33	-2.96	5%	0
031.01	Phosphorus, Photometric (%)	0018	1.060	0.0000	1.155	0.0390	0.0147	33	-2.44	4%	0
031.01	Phosphorus, Photometric (%)	2006	1.072	0.0150	1.155	0.0390	0.0147	33	-2.14	4%	0
031.01	Phosphorus, Photometric (%)	0646	1.110	0.0600	1.155	0.0390	0.0147	33	-1.16	2%	0
031.01	Phosphorus, Photometric (%)	0038	1.115	0.0500	1.155	0.0390	0.0147	33	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	2325	1.115	0.0100	1.155	0.0390	0.0147	33	-1.03	2%	0
031.01	Phosphorus, Photometric (%)	2434	1.120	0.0000	1.155	0.0390	0.0147	33	-0.90	2%	0
031.01	Phosphorus, Photometric (%)	2200	1.125	0.0300	1.155	0.0390	0.0147	33	-0.77	1%	0
031.01	Phosphorus, Photometric (%)	2199	1.135	0.0300	1.155	0.0390	0.0147	33	-0.51	1%	0
031.01	Phosphorus, Photometric (%)	0622	1.138	0.0019	1.155	0.0390	0.0147	33	-0.43	1%	0
031.01	Phosphorus, Photometric (%)	0687	1.150	0.0200	1.155	0.0390	0.0147	33	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	2246	1.150	0.0000	1.155	0.0390	0.0147	33	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	2392	1.150	0.0200	1.155	0.0390	0.0147	33	-0.13	0%	0
031.01	Phosphorus, Photometric (%)	2337	1.155	0.0100	1.155	0.0390	0.0147	33	0.00	0%	0
031.01	Phosphorus, Photometric (%)	0629	1.160	0.0000	1.155	0.0390	0.0147	33	0.13	0%	0
031.01	Phosphorus, Photometric (%)	2144	1.160	0.0200	1.155	0.0390	0.0147	33	0.13	0%	0
031.01	Phosphorus, Photometric (%)	0885	1.165	0.0019	1.155	0.0390	0.0147	33	0.25	0%	0
031.01	Phosphorus, Photometric (%)	0529	1.165	0.0100	1.155	0.0390	0.0147	33	0.25	0%	0
031.01	Phosphorus, Photometric (%)	2193	1.170	0.0000	1.155	0.0390	0.0147	33	0.38	1%	0
031.01	Phosphorus, Photometric (%)	2146	1.175	0.0100	1.155	0.0390	0.0147	33	0.51	1%	0
031.01	Phosphorus, Photometric (%)	2196	1.180	0.0000	1.155	0.0390	0.0147	33	0.64	1%	0
031.01	Phosphorus, Photometric (%)	0563	1.181	0.0113	1.155	0.0390	0.0147	33	0.66	1%	0
031.01	Phosphorus, Photometric (%)	2190	1.181	0.0048	1.155	0.0390	0.0147	33	0.67	1%	0
031.01	Phosphorus, Photometric (%)	0884	1.185	0.0100	1.155	0.0390	0.0147	33	0.77	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.185	0.0100	1.155	0.0390	0.0147	33	0.77	1%	0
031.01	Phosphorus, Photometric (%)	2188	1.185	0.0100	1.155	0.0390	0.0147	33	0.77	1%	0
031.01	Phosphorus, Photometric (%)	0208	1.190	0.0000	1.155	0.0390	0.0147	33	0.90	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.01	Phosphorus, Photometric (%)	0689	1.190	0.0200	1.155	0.0390	0.0147	33	0.90	2%	0
031.01	Phosphorus, Photometric (%)	0948	1.190	0.0200	1.155	0.0390	0.0147	33	0.90	2%	0
031.01	Phosphorus, Photometric (%)	2009	1.193	0.0036	1.155	0.0390	0.0147	33	0.96	2%	0
031.01	Phosphorus, Photometric (%)	2022	1.200	0.0000	1.155	0.0390	0.0147	33	1.15	2%	0
031.01	Phosphorus, Photometric (%)	2302	1.220	0.0000	1.155	0.0390	0.0147	33	1.67	3%	0
031.01	Phosphorus, Photometric (%)	0590	1.080	0.0800	1.155	0.0390	0.0147	33	-1.92	3%	1
031.01	Phosphorus, Photometric (%)	0596	1.160	0.0800	1.155	0.0390	0.0147	33	0.13	0%	1
031.01	Phosphorus, Photometric (%)	2181	0.1600	0.0200	1.155	0.0390	0.0147	33	-25.52	43%	2
031.03	Phosphorus, Autoanalyzer (%)	0169	1.125	0.0100				2			0
031.03	Phosphorus, Autoanalyzer (%)	0001	1.186	0.0020				2			0
031.06	Phosphorus, Hach Method (%)	0536	1.315	0.0300				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0019	1.100	0.0400	1.178	0.0583	0.0285	21	-1.33	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0685	1.110	0.0400	1.178	0.0583	0.0285	21	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0848	1.110	0.0200	1.178	0.0583	0.0285	21	-1.16	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	1.120	0.0200	1.178	0.0583	0.0285	21	-0.99	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	1.125	0.0900	1.178	0.0583	0.0285	21	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0229	1.135	0.0300	1.178	0.0583	0.0285	21	-0.73	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	1.150	0.0000	1.178	0.0583	0.0285	21	-0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.159	0.0060	1.178	0.0583	0.0285	21	-0.32	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.160	0.0000	1.178	0.0583	0.0285	21	-0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	1.175	0.0100	1.178	0.0583	0.0285	21	-0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.180	0.0600	1.178	0.0583	0.0285	21	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.180	0.0000	1.178	0.0583	0.0285	21	0.04	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.190	0.0350	1.178	0.0583	0.0285	21	0.20	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.190	0.0400	1.178	0.0583	0.0285	21	0.21	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.195	0.0500	1.178	0.0583	0.0285	21	0.30	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	1.200	0.0400	1.178	0.0583	0.0285	21	0.38	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.230	0.0200	1.178	0.0583	0.0285	21	0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.244	0.0190	1.178	0.0583	0.0285	21	1.13	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.250	0.0017	1.178	0.0583	0.0285	21	1.24	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.263	0.0171	1.178	0.0583	0.0285	21	1.47	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.407	0.0070	1.178	0.0583	0.0285	21	3.93	10%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	1.042	0.0032	1.182	0.0887	0.0446	21	-1.58	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	1.087	0.1155	1.182	0.0887	0.0446	21	-1.07	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	1.105	0.0020	1.182	0.0887	0.0446	21	-0.87	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	1.110	0.0000	1.182	0.0887	0.0446	21	-0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.120	0.0000	1.182	0.0887	0.0446	21	-0.70	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	1.120	0.1000	1.182	0.0887	0.0446	21	-0.70	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.135	0.0100	1.182	0.0887	0.0446	21	-0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	1.142	0.0130	1.182	0.0887	0.0446	21	-0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	1.143	0.0020	1.182	0.0887	0.0446	21	-0.44	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0037	1.149	0.0030	1.182	0.0887	0.0446	21	-0.38	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.150	0.0000	1.182	0.0887	0.0446	21	-0.36	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.170	0.0000	1.182	0.0887	0.0446	21	-0.13	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0366	1.180	0.0800	1.182	0.0887	0.0446	21	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	1.229	0.0220	1.182	0.0887	0.0446	21	0.53	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	1.233	0.0495	1.182	0.0887	0.0446	21	0.58	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	1.254	0.0840	1.182	0.0887	0.0446	21	0.81	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	1.260	0.0132	1.182	0.0887	0.0446	21	0.88	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	1.274	0.0300	1.182	0.0887	0.0446	21	1.04	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.285	0.0100	1.182	0.0887	0.0446	21	1.16	4%	0
031.42	Phosphorus, ICP, Open vessel (%)	0047	1.310	0.1000	1.182	0.0887	0.0446	21	1.44	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2375	1.380	0.1600	1.182	0.0887	0.0446	21	2.23	8%	0
031.43	Phosphorus, ICP, Microwave (%)	0028	1.015	0.1100	1.166	0.0563	0.0435	32	-2.68	6%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	1.040	0.0400	1.166	0.0563	0.0435	32	-2.24	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	1.058	0.0070	1.166	0.0563	0.0435	32	-1.93	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	1.085	0.0300	1.166	0.0563	0.0435	32	-1.44	3%	0
031.43	Phosphorus, ICP, Microwave (%)	2276	1.105	0.0047	1.166	0.0563	0.0435	32	-1.08	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.130	0.0200	1.166	0.0563	0.0435	32	-0.64	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0508	1.136	0.0385	1.166	0.0563	0.0435	32	-0.54	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	1.140	0.0000	1.166	0.0563	0.0435	32	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.140	0.0400	1.166	0.0563	0.0435	32	-0.46	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0010	1.145	0.0300	1.166	0.0563	0.0435	32	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	1.145	0.0300	1.166	0.0563	0.0435	32	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	1.145	0.0100	1.166	0.0563	0.0435	32	-0.37	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0668	1.150	0.1000	1.166	0.0563	0.0435	32	-0.28	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	1.159	0.0110	1.166	0.0563	0.0435	32	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0089	1.160	0.0000	1.166	0.0563	0.0435	32	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	1.160	0.0800	1.166	0.0563	0.0435	32	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	1.163	0.0228	1.166	0.0563	0.0435	32	-0.05	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.165	0.0300	1.166	0.0563	0.0435	32	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0202	1.165	0.0700	1.166	0.0563	0.0435	32	-0.02	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.170	0.0000	1.166	0.0563	0.0435	32	0.07	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.172	0.0390	1.166	0.0563	0.0435	32	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	1.186	0.0040	1.166	0.0563	0.0435	32	0.36	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	1.195	0.0300	1.166	0.0563	0.0435	32	0.52	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.199	0.1240	1.166	0.0563	0.0435	32	0.58	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.200	0.2000	1.166	0.0563	0.0435	32	0.60	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.210	0.0550	1.166	0.0563	0.0435	32	0.77	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.222	0.0470	1.166	0.0563	0.0435	32	0.99	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.234	0.0383	1.166	0.0563	0.0435	32	1.22	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.237	0.0240	1.166	0.0563	0.0435	32	1.26	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.285	0.1100	1.166	0.0563	0.0435	32	2.11	5%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	1.305	0.0300	1.166	0.0563	0.0435	32	2.47	6%	0

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031.43	Phosphorus, ICP, Microwave (%)	0870	1.402	0.0630	1.166	0.0563	0.0435	32	4.18	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.300	0.4000	1.166	0.0563	0.0435	32	2.38	6%	1
031.43	Phosphorus, ICP, Microwave (%)	0964	2.778	0.1642	1.166	0.0563	0.0435	32	28.64	69%	2
031.44	Phosphorus, ICP, Dry ash (%)	0066	1.037	0.0280	1.162	0.0848	0.0234	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	1.180	0.0254	1.162	0.0848	0.0234	4			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.215	0.0100	1.162	0.0848	0.0234	4			0
031.44	Phosphorus, ICP, Dry ash (%)	2445	1.215	0.0300	1.162	0.0848	0.0234	4			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	1.166	0.0345				2			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0154	1.209	0.0856				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0199	0.9270	0.0160				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.170	0.0200				3			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	1.257	0.1788				3			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.9900	0.0600	1.119	0.0984	0.0420	6	-1.31	6%	0
031.99	Phosphorus, Miscellaneous (%)	0676	1.050	0.0200	1.119	0.0984	0.0420	6	-0.70	3%	0
031.99	Phosphorus, Miscellaneous (%)	0100	1.130	0.0600	1.119	0.0984	0.0420	6	0.11	0%	0
031.99	Phosphorus, Miscellaneous (%)	0242	1.130	0.0200	1.119	0.0984	0.0420	6	0.11	0%	0
031.99	Phosphorus, Miscellaneous (%)	2302	1.195	0.0500	1.119	0.0984	0.0420	6	0.77	3%	0
031.99	Phosphorus, Miscellaneous (%)	0123	1.220	0.0000	1.119	0.0984	0.0420	6	1.03	5%	0
032.02	Potassium, Flame Emission (%)	2392	1.615	0.0300				1			0
032.08	Potassium, Ion-selective electrode (%)	2434	0.7300	0.0000				1			0
032.31	Potassium, AAS, Dry ash (%)	0038	1.460	0.1200	1.614	0.0954	0.0394	8	-1.62	5%	0
032.31	Potassium, AAS, Dry ash (%)	0536	1.540	0.0200	1.614	0.0954	0.0394	8	-0.78	2%	0
032.31	Potassium, AAS, Dry ash (%)	2196	1.540	0.0000	1.614	0.0954	0.0394	8	-0.78	2%	0
032.31	Potassium, AAS, Dry ash (%)	0629	1.650	0.0600	1.614	0.0954	0.0394	8	0.37	1%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.670	0.0200	1.614	0.0954	0.0394	8	0.58	2%	0
032.31	Potassium, AAS, Dry ash (%)	0939	1.670	0.0600	1.614	0.0954	0.0394	8	0.58	2%	0
032.31	Potassium, AAS, Dry ash (%)	0948	1.684	0.0030	1.614	0.0954	0.0394	8	0.72	2%	0
032.31	Potassium, AAS, Dry ash (%)	0563	1.690	0.0166	1.614	0.0954	0.0394	8	0.80	2%	0
032.32	Potassium, AAS, Open vessel (%)	0169	1.615	0.0100				1			0
032.41	Potassium, ICP, Dry ash (%)	0019	1.525	0.0700	1.668	0.0751	0.0558	19	-1.91	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	1.540	0.1000	1.668	0.0751	0.0558	19	-1.71	4%	0
032.41	Potassium, ICP, Dry ash (%)	0148	1.560	0.0000	1.668	0.0751	0.0558	19	-1.44	3%	0
032.41	Potassium, ICP, Dry ash (%)	0171	1.610	0.0200	1.668	0.0751	0.0558	19	-0.78	2%	0
032.41	Potassium, ICP, Dry ash (%)	0144	1.640	0.0600	1.668	0.0751	0.0558	19	-0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0358	1.640	0.0400	1.668	0.0751	0.0558	19	-0.38	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	1.650	0.0400	1.668	0.0751	0.0558	19	-0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0229	1.650	0.0600	1.668	0.0751	0.0558	19	-0.24	1%	0
032.41	Potassium, ICP, Dry ash (%)	0049	1.670	0.0000	1.668	0.0751	0.0558	19	0.02	0%	0
032.41	Potassium, ICP, Dry ash (%)	0066	1.672	0.1080	1.668	0.0751	0.0558	19	0.05	0%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.675	0.0100	1.668	0.0751	0.0558	19	0.09	0%	0
032.41	Potassium, ICP, Dry ash (%)	0619	1.680	0.0200	1.668	0.0751	0.0558	19	0.16	0%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.684	0.1857	1.668	0.0751	0.0558	19	0.21	0%	0

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032.41	Potassium, ICP, Dry ash (%)	0074	1.720	0.0000	1.668	0.0751	0.0558	19	0.69	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	1.723	0.0009	1.668	0.0751	0.0558	19	0.72	2%	0
032.41	Potassium, ICP, Dry ash (%)	0674	1.730	0.0000	1.668	0.0751	0.0558	19	0.82	2%	0
032.41	Potassium, ICP, Dry ash (%)	0004	1.740	0.2200	1.668	0.0751	0.0558	19	0.96	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.760	0.0400	1.668	0.0751	0.0558	19	1.22	3%	0
032.41	Potassium, ICP, Dry ash (%)	0520	2.178	0.0090	1.668	0.0751	0.0558	19	6.78	15%	0
032.42	Potassium, ICP, Open vessel (%)	0045	1.455	0.1300	1.674	0.1110	0.0360	19	-1.98	7%	0
032.42	Potassium, ICP, Open vessel (%)	0504	1.493	0.0020	1.674	0.1110	0.0360	19	-1.63	5%	0
032.42	Potassium, ICP, Open vessel (%)	0263	1.589	0.0130	1.674	0.1110	0.0360	19	-0.77	3%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.602	0.0170	1.674	0.1110	0.0360	19	-0.66	2%	0
032.42	Potassium, ICP, Open vessel (%)	2433	1.607	0.0304	1.674	0.1110	0.0360	19	-0.61	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.615	0.0700	1.674	0.1110	0.0360	19	-0.53	2%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.625	0.0500	1.674	0.1110	0.0360	19	-0.44	1%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.645	0.0540	1.674	0.1110	0.0360	19	-0.26	1%	0
032.42	Potassium, ICP, Open vessel (%)	2129	1.665	0.0220	1.674	0.1110	0.0360	19	-0.08	0%	0
032.42	Potassium, ICP, Open vessel (%)	0870	1.667	0.0150	1.674	0.1110	0.0360	19	-0.07	0%	0
032.42	Potassium, ICP, Open vessel (%)	0366	1.670	0.0200	1.674	0.1110	0.0360	19	-0.04	0%	0
032.42	Potassium, ICP, Open vessel (%)	0037	1.676	0.0010	1.674	0.1110	0.0360	19	0.01	0%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.685	0.0100	1.674	0.1110	0.0360	19	0.10	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.733	0.0157	1.674	0.1110	0.0360	19	0.53	2%	0
032.42	Potassium, ICP, Open vessel (%)	0042	1.750	0.0200	1.674	0.1110	0.0360	19	0.68	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.786	0.0711	1.674	0.1110	0.0360	19	1.01	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.800	0.0200	1.674	0.1110	0.0360	19	1.13	4%	0
032.42	Potassium, ICP, Open vessel (%)	2375	1.915	0.2300	1.674	0.1110	0.0360	19	2.17	7%	0
032.42	Potassium, ICP, Open vessel (%)	0047	1.940	0.0800	1.674	0.1110	0.0360	19	2.40	8%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.540	0.3150	1.674	0.1110	0.0360	19	-1.21	4%	1
032.43	Potassium, ICP, Microwave (%)	0968	1.538	0.0100	1.643	0.0756	0.0360	32	-1.39	3%	0
032.43	Potassium, ICP, Microwave (%)	0089	1.545	0.0100	1.643	0.0756	0.0360	32	-1.30	3%	0
032.43	Potassium, ICP, Microwave (%)	0028	1.550	0.0400	1.643	0.0756	0.0360	32	-1.23	3%	0
032.43	Potassium, ICP, Microwave (%)	0226	1.555	0.0500	1.643	0.0756	0.0360	32	-1.17	3%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.560	0.0200	1.643	0.0756	0.0360	32	-1.10	3%	0
032.43	Potassium, ICP, Microwave (%)	0297	1.560	0.0200	1.643	0.0756	0.0360	32	-1.10	3%	0
032.43	Potassium, ICP, Microwave (%)	0511	1.570	0.0200	1.643	0.0756	0.0360	32	-0.97	2%	0
032.43	Potassium, ICP, Microwave (%)	0610	1.595	0.0500	1.643	0.0756	0.0360	32	-0.64	1%	0
032.43	Potassium, ICP, Microwave (%)	0512	1.603	0.0680	1.643	0.0756	0.0360	32	-0.53	1%	0
032.43	Potassium, ICP, Microwave (%)	2445	1.605	0.0300	1.643	0.0756	0.0360	32	-0.51	1%	0
032.43	Potassium, ICP, Microwave (%)	0036	1.624	0.0052	1.643	0.0756	0.0360	32	-0.25	1%	0
032.43	Potassium, ICP, Microwave (%)	2089	1.625	0.0100	1.643	0.0756	0.0360	32	-0.24	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	1.629	0.0110	1.643	0.0756	0.0360	32	-0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.630	0.0000	1.643	0.0756	0.0360	32	-0.17	0%	0
032.43	Potassium, ICP, Microwave (%)	0354	1.633	0.0170	1.643	0.0756	0.0360	32	-0.14	0%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.635	0.0300	1.643	0.0756	0.0360	32	-0.11	0%	0

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032.43	Potassium, ICP, Microwave (%)	0407	1.643	0.0395	1.643	0.0756	0.0360	32	0.00	0%	0
032.43	Potassium, ICP, Microwave (%)	0038	1.645	0.1100	1.643	0.0756	0.0360	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0202	1.645	0.0700	1.643	0.0756	0.0360	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0510	1.645	0.0100	1.643	0.0756	0.0360	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	1.645	0.0500	1.643	0.0756	0.0360	32	0.02	0%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.664	0.0202	1.643	0.0756	0.0360	32	0.27	1%	0
032.43	Potassium, ICP, Microwave (%)	0508	1.675	0.0721	1.643	0.0756	0.0360	32	0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	1.685	0.0300	1.643	0.0756	0.0360	32	0.55	1%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.700	0.0000	1.643	0.0756	0.0360	32	0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.700	0.0000	1.643	0.0756	0.0360	32	0.75	2%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.730	0.0000	1.643	0.0756	0.0360	32	1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.730	0.0000	1.643	0.0756	0.0360	32	1.15	3%	0
032.43	Potassium, ICP, Microwave (%)	0668	1.750	0.1000	1.643	0.0756	0.0360	32	1.41	3%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.765	0.0500	1.643	0.0756	0.0360	32	1.61	4%	0
032.43	Potassium, ICP, Microwave (%)	0345	1.770	0.0380	1.643	0.0756	0.0360	32	1.68	4%	0
032.43	Potassium, ICP, Microwave (%)	0870	1.771	0.0530	1.643	0.0756	0.0360	32	1.68	4%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.7723	0.0241	1.643	0.0756	0.0360	32	-11.52	27%	2
032.44	Potassium, ICP, Dry ash (%)	2114	1.600	0.0327				2			0
032.44	Potassium, ICP, Dry ash (%)	0164	1.830	0.0200				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0154	1.521	0.0027				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.635	0.0300				3			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.707	0.0640				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0199	1.350	0.0400				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	1.650	0.0182				3			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	1.695	0.0900				3			0
032.99	Potassium, Miscellaneous (%)	0590	1.495	0.0100	1.649	0.1160	0.0286	6	-1.33	5%	0
032.99	Potassium, Miscellaneous (%)	0242	1.570	0.0200	1.649	0.1160	0.0286	6	-0.68	2%	0
032.99	Potassium, Miscellaneous (%)	0123	1.660	0.0400	1.649	0.1160	0.0286	6	0.09	0%	0
032.99	Potassium, Miscellaneous (%)	0100	1.665	0.0700	1.649	0.1160	0.0286	6	0.14	0%	0
032.99	Potassium, Miscellaneous (%)	0001	1.735	0.0230	1.649	0.1160	0.0286	6	0.74	3%	0
032.99	Potassium, Miscellaneous (%)	0889	1.770	0.0200	1.649	0.1160	0.0286	6	1.04	4%	0
033.00	Salt as chloride, Sol Cl (%)	0366	0.1000	0.0000	0.1175	0.0180	0.0170	4			0
033.00	Salt as chloride, Sol Cl (%)	0045	0.1065	0.0170	0.1175	0.0180	0.0170	4			0
033.00	Salt as chloride, Sol Cl (%)	0693	0.1235	0.0170	0.1175	0.0180	0.0170	4			0
033.00	Salt as chloride, Sol Cl (%)	0884	0.1400	0.0000	0.1175	0.0180	0.0170	4			0
033.00	Salt as chloride, Sol Cl (%)	0539	0.3050	0.0900	0.1175	0.0180	0.0170	4			2
033.01	Salt as chloride, Poten Cl (%)	0510	0.0330	0.0000	0.1090	0.0268	0.0100	19	-2.83	35%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.0450	0.0100	0.1090	0.0268	0.0100	19	-2.39	29%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.0700	0.0000	0.1090	0.0268	0.0100	19	-1.45	18%	0
033.01	Salt as chloride, Poten Cl (%)	0413	0.0950	0.0100	0.1090	0.0268	0.0100	19	-0.52	6%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.0989	0.0000	0.1090	0.0268	0.0100	19	-0.38	5%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.1000	0.0000	0.1090	0.0268	0.0100	19	-0.34	4%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	2190	0.1020	0.0083	0.1090	0.0268	0.0100	19	-0.26	3%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.1050	0.0100	0.1090	0.0268	0.0100	19	-0.15	2%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.1050	0.0100	0.1090	0.0268	0.0100	19	-0.15	2%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.1100	0.0000	0.1090	0.0268	0.0100	19	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.1100	0.0000	0.1090	0.0268	0.0100	19	0.04	0%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.1115	0.0030	0.1090	0.0268	0.0100	19	0.09	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.1150	0.0100	0.1090	0.0268	0.0100	19	0.22	3%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.1200	0.0200	0.1090	0.0268	0.0100	19	0.41	5%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.1200	0.0000	0.1090	0.0268	0.0100	19	0.41	5%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.1250	0.0100	0.1090	0.0268	0.0100	19	0.60	7%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.1500	0.0200	0.1090	0.0268	0.0100	19	1.53	19%	0
033.01	Salt as chloride, Poten Cl (%)	0199	0.1910	0.0120	0.1090	0.0268	0.0100	19	3.06	38%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.2300	0.0000	0.1090	0.0268	0.0100	19	4.51	55%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.0000	0.0000	0.1090	0.0268	0.0100	19			4
033.03	Salt as chloride, Quantab (%)	0144	0.1650	0.0100				3			0
033.03	Salt as chloride, Quantab (%)	0726	0.1650	0.0100				3			0
033.03	Salt as chloride, Quantab (%)	2076	0.2700	0.0600				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2433	0.0651	0.0010				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	2434	0.1400	0.0000				3			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0039	0.2200	0.0400				3			0
033.99	Salt, Miscellaneous (%)	0536	0.0350	0.0100	0.2366	0.2215	0.0218	4			0
033.99	Salt, Miscellaneous (%)	2246	0.1300	0.0400	0.2366	0.2215	0.0218	4			0
033.99	Salt, Miscellaneous (%)	2129	0.2365	0.0070	0.2366	0.2215	0.0218	4			0
033.99	Salt, Miscellaneous (%)	0358	0.5450	0.0300	0.2366	0.2215	0.0218	4			0
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.1700	0.0060				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.0970	0.0620				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.1250	0.0100				3			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.2000	0.0200				3			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.1705	0.0050				2			0
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.1705	0.0010				2			0
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	< 1					0			5
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0042	< 12					0			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.1535	0.0070				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0508	0.1749	0.0204				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0968	0.5205	0.0090				3			0
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	< 1					3			5
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5					3			5
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0047	0.4500	0.0800				2			0
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	1.858	0.0984				2			0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.1169	0.0094	0.1742	0.0468	0.0111	6	-1.22	16%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0199	0.1605	0.0010	0.1742	0.0468	0.0111	6	-0.29	4%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	0.1640	0.0020	0.1742	0.0468	0.0111	6	-0.22	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0164	0.1710	0.0080	0.1742	0.0468	0.0111	6	-0.07	1%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0610	0.1900	0.0200	0.1742	0.0468	0.0111	6	0.34	5%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0407	0.2427	0.0262	0.1742	0.0468	0.0111	6	1.46	20%	0
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppr)	0027	80.20	0.3410	0.1742	0.0468	0.0111	6	>100	22971%	2
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	0.6565	0.0330				1			0
035.05	Sodium, Flame Emission (%)	2392	0.2521	0.0499				2			0
035.05	Sodium, Flame Emission (%)	0108	4.795	0.1100				2			0
035.31	Sodium, AAS, Dry ash (%)	0536	0.1000	0.0000	0.1973	0.0481	0.0034	9	-2.02	25%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.1172	0.0028	0.1973	0.0481	0.0034	9	-1.67	20%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.1993	0.0035	0.1973	0.0481	0.0034	9	0.04	0%	0
035.31	Sodium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.1973	0.0481	0.0034	9	0.16	2%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2180	0.0040	0.1973	0.0481	0.0034	9	0.43	5%	0
035.31	Sodium, AAS, Dry ash (%)	0629	0.2200	0.0000	0.1973	0.0481	0.0034	9	0.47	6%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2200	0.0000	0.1973	0.0481	0.0034	9	0.47	6%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2240	0.0020	0.1973	0.0481	0.0034	9	0.56	7%	0
035.31	Sodium, AAS, Dry ash (%)	0529	0.2390	0.0020	0.1973	0.0481	0.0034	9	0.87	11%	0
035.32	Sodium, AAS, Open vessel (%)	0169	0.2100	0.0200				1			0
035.41	Sodium, ICP, Dry ash (%)	0598	0.1772	0.0088	0.2237	0.0077	0.0080	20	-6.02	10%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.2150	0.0100	0.2237	0.0077	0.0080	20	-1.13	2%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2150	0.0100	0.2237	0.0077	0.0080	20	-1.13	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2150	0.0100	0.2237	0.0077	0.0080	20	-1.13	2%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.2190	0.0011	0.2237	0.0077	0.0080	20	-0.61	1%	0
035.41	Sodium, ICP, Dry ash (%)	0019	0.2200	0.0000	0.2237	0.0077	0.0080	20	-0.48	1%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2200	0.0000	0.2237	0.0077	0.0080	20	-0.48	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2200	0.0000	0.2237	0.0077	0.0080	20	-0.48	1%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2205	0.0030	0.2237	0.0077	0.0080	20	-0.41	1%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2250	0.0259	0.2237	0.0077	0.0080	20	0.16	0%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2250	0.0100	0.2237	0.0077	0.0080	20	0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2250	0.0100	0.2237	0.0077	0.0080	20	0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2250	0.0020	0.2237	0.0077	0.0080	20	0.17	0%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2260	0.0020	0.2237	0.0077	0.0080	20	0.30	1%	0
035.41	Sodium, ICP, Dry ash (%)	0004	0.2300	0.0000	0.2237	0.0077	0.0080	20	0.82	1%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2300	0.0000	0.2237	0.0077	0.0080	20	0.82	1%	0
035.41	Sodium, ICP, Dry ash (%)	0674	0.2300	0.0000	0.2237	0.0077	0.0080	20	0.82	1%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2310	0.0160	0.2237	0.0077	0.0080	20	0.95	2%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.2350	0.0100	0.2237	0.0077	0.0080	20	1.46	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2730	0.0020	0.2237	0.0077	0.0080	20	6.38	11%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.2675	0.0630	0.2237	0.0077	0.0080	20	5.67	10%	1
035.42	Sodium, ICP, Open vessel (%)	0504	0.2050	0.0100	0.2214	0.0106	0.0065	17	-1.54	4%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2100	0.0000	0.2214	0.0106	0.0065	17	-1.07	3%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2100	0.0020	0.2214	0.0106	0.0065	17	-1.07	3%	0
035.42	Sodium, ICP, Open vessel (%)	0037	0.2115	0.0010	0.2214	0.0106	0.0065	17	-0.93	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
035.42	Sodium, ICP, Open vessel (%)	2129	0.2144	0.0069	0.2214	0.0106	0.0065	17	-0.66	2%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2175	0.0046	0.2214	0.0106	0.0065	17	-0.37	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2195	0.0030	0.2214	0.0106	0.0065	17	-0.18	0%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2200	0.0000	0.2214	0.0106	0.0065	17	-0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2200	0.0000	0.2214	0.0106	0.0065	17	-0.13	0%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2230	0.0200	0.2214	0.0106	0.0065	17	0.15	0%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2250	0.0100	0.2214	0.0106	0.0065	17	0.34	1%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2255	0.0050	0.2214	0.0106	0.0065	17	0.39	1%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2270	0.0013	0.2214	0.0106	0.0065	17	0.53	1%	0
035.42	Sodium, ICP, Open vessel (%)	2375	0.2300	0.0400	0.2214	0.0106	0.0065	17	0.81	2%	0
035.42	Sodium, ICP, Open vessel (%)	0042	0.2300	0.0020	0.2214	0.0106	0.0065	17	0.81	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2464	0.0120	0.2214	0.0106	0.0065	17	2.36	6%	0
035.42	Sodium, ICP, Open vessel (%)	0366	0.2625	0.0030	0.2214	0.0106	0.0065	17	3.88	9%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.3274	0.0536	0.2214	0.0106	0.0065	17	10.00	24%	1
035.43	Sodium, ICP, Microwave (%)	0511	0.2000	0.0000	0.2245	0.0141	0.0087	27	-1.73	5%	0
035.43	Sodium, ICP, Microwave (%)	0876	0.2000	0.0000	0.2245	0.0141	0.0087	27	-1.73	5%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.2074	0.0053	0.2245	0.0141	0.0087	27	-1.21	4%	0
035.43	Sodium, ICP, Microwave (%)	0508	0.2084	0.0127	0.2245	0.0141	0.0087	27	-1.14	4%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2100	0.0000	0.2245	0.0141	0.0087	27	-1.02	3%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2150	0.0100	0.2245	0.0141	0.0087	27	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0668	0.2150	0.0300	0.2245	0.0141	0.0087	27	-0.67	2%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2160	0.0040	0.2245	0.0141	0.0087	27	-0.60	2%	0
035.43	Sodium, ICP, Microwave (%)	0017	0.2167	0.0078	0.2245	0.0141	0.0087	27	-0.55	2%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2195	0.0010	0.2245	0.0141	0.0087	27	-0.35	1%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2200	0.0000	0.2245	0.0141	0.0087	27	-0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2200	0.0000	0.2245	0.0141	0.0087	27	-0.32	1%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.2210	0.0040	0.2245	0.0141	0.0087	27	-0.24	1%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2220	0.0139	0.2245	0.0141	0.0087	27	-0.18	1%	0
035.43	Sodium, ICP, Microwave (%)	0038	0.2295	0.0250	0.2245	0.0141	0.0087	27	0.36	1%	0
035.43	Sodium, ICP, Microwave (%)	0202	0.2300	0.0000	0.2245	0.0141	0.0087	27	0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2300	0.0000	0.2245	0.0141	0.0087	27	0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2312	0.0218	0.2245	0.0141	0.0087	27	0.48	2%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2325	0.0030	0.2245	0.0141	0.0087	27	0.57	2%	0
035.43	Sodium, ICP, Microwave (%)	0512	0.2350	0.0003	0.2245	0.0141	0.0087	27	0.74	2%	0
035.43	Sodium, ICP, Microwave (%)	0505	0.2350	0.0100	0.2245	0.0141	0.0087	27	0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2350	0.0100	0.2245	0.0141	0.0087	27	0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.2350	0.0100	0.2245	0.0141	0.0087	27	0.75	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.2385	0.0030	0.2245	0.0141	0.0087	27	1.00	3%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2400	0.0000	0.2245	0.0141	0.0087	27	1.10	3%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.2460	0.0020	0.2245	0.0141	0.0087	27	1.53	5%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.3500	0.0000	0.2245	0.0141	0.0087	27	8.89	28%	0
035.43	Sodium, ICP, Microwave (%)	0964	6.557	0.3571	0.2245	0.0141	0.0087	27	>100	1411%	2

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
035.52	Sodium, ICP-MS, Open vessel (%)	0154	0.2097	0.0024				2			0
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2334	0.0068				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0199	0.1770	0.0020				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2100	0.0200				3			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2264	0.0283				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.2200	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.2200	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0590	0.2300	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0100	0.2200	0.0200				3			1
035.99	Sodium, Miscellaneous (%)	0889	0.0500	0.0000				3			2
036.00	Sulfur, Gravimetric (%)	0038	0.4350	0.0060				1			0
036.04	Sulfur, LECO (%)	0948	0.4233	0.0046	0.4383	0.0164	0.0234	6	-0.92	2%	0
036.04	Sulfur, LECO (%)	0001	0.4265	0.0290	0.4383	0.0164	0.0234	6	-0.72	1%	0
036.04	Sulfur, LECO (%)	0229	0.4300	0.0400	0.4383	0.0164	0.0234	6	-0.51	1%	0
036.04	Sulfur, LECO (%)	0148	0.4400	0.0200	0.4383	0.0164	0.0234	6	0.10	0%	0
036.04	Sulfur, LECO (%)	0226	0.4500	0.0000	0.4383	0.0164	0.0234	6	0.71	1%	0
036.04	Sulfur, LECO (%)	0610	0.4600	0.0000	0.4383	0.0164	0.0234	6	1.32	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3850	0.0100	0.4264	0.0251	0.0169	19	-1.65	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.3938	0.0412	0.4264	0.0251	0.0169	19	-1.30	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3965	0.0550	0.4264	0.0251	0.0169	19	-1.19	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0366	0.4050	0.0300	0.4264	0.0251	0.0169	19	-0.85	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.4090	0.0260	0.4264	0.0251	0.0169	19	-0.69	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.4125	0.0070	0.4264	0.0251	0.0169	19	-0.55	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.4150	0.0100	0.4264	0.0251	0.0169	19	-0.45	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.4200	0.0000	0.4264	0.0251	0.0169	19	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.4218	0.0017	0.4264	0.0251	0.0169	19	-0.18	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.4300	0.0000	0.4264	0.0251	0.0169	19	0.14	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.4342	0.0001	0.4264	0.0251	0.0169	19	0.31	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.4350	0.0100	0.4264	0.0251	0.0169	19	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	2375	0.4350	0.0100	0.4264	0.0251	0.0169	19	0.34	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.4368	0.0197	0.4264	0.0251	0.0169	19	0.41	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0037	0.4405	0.0030	0.4264	0.0251	0.0169	19	0.56	2%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.4516	0.0395	0.4264	0.0251	0.0169	19	1.00	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.4550	0.0100	0.4264	0.0251	0.0169	19	1.14	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.4598	0.0184	0.4264	0.0251	0.0169	19	1.33	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.4610	0.0120	0.4264	0.0251	0.0169	19	1.38	4%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3980	0.0060	0.4515	0.0223	0.0113	23	-2.40	6%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.4000	0.0000	0.4515	0.0223	0.0113	23	-2.31	6%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.4124	0.0136	0.4515	0.0223	0.0113	23	-1.76	4%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.4295	0.0010	0.4515	0.0223	0.0113	23	-0.99	2%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.4350	0.0100	0.4515	0.0223	0.0113	23	-0.74	2%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.4350	0.0100	0.4515	0.0223	0.0113	23	-0.74	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
036.43	Sulfur, ICP, Microwave (%)	0202	0.4400	0.0200	0.4515	0.0223	0.0113	23	-0.52	1%	0
036.43	Sulfur, ICP, Microwave (%)	0508	0.4425	0.0005	0.4515	0.0223	0.0113	23	-0.41	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.4485	0.0370	0.4515	0.0223	0.0113	23	-0.14	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.4500	0.0000	0.4515	0.0223	0.0113	23	-0.07	0%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.4519	0.0064	0.4515	0.0223	0.0113	23	0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.4520	0.0020	0.4515	0.0223	0.0113	23	0.02	0%	0
036.43	Sulfur, ICP, Microwave (%)	0027	0.4535	0.0010	0.4515	0.0223	0.0113	23	0.09	0%	0
036.43	Sulfur, ICP, Microwave (%)	0668	0.4550	0.0300	0.4515	0.0223	0.0113	23	0.16	0%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.4570	0.0171	0.4515	0.0223	0.0113	23	0.24	1%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.4600	0.0000	0.4515	0.0223	0.0113	23	0.38	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.4675	0.0030	0.4515	0.0223	0.0113	23	0.72	2%	0
036.43	Sulfur, ICP, Microwave (%)	0870	0.4724	0.0173	0.4515	0.0223	0.0113	23	0.93	2%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.4735	0.0450	0.4515	0.0223	0.0113	23	0.99	2%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.4750	0.0100	0.4515	0.0223	0.0113	23	1.05	3%	0
036.43	Sulfur, ICP, Microwave (%)	2055	0.4762	0.0056	0.4515	0.0223	0.0113	23	1.11	3%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.4765	0.0010	0.4515	0.0223	0.0113	23	1.12	3%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.4800	0.0200	0.4515	0.0223	0.0113	23	1.28	3%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.5000	0.1400	0.4515	0.0223	0.0113	23	2.18	5%	1
036.43	Sulfur, ICP, Microwave (%)	0964	0.7308	0.0014	0.4515	0.0223	0.0113	23	12.54	31%	2
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.4370	0.0161				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3750	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.3800	0.0200				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0689	57.10	3.200	72.54	4.832	2.101	10	-3.20	11%	0
037.31	Zinc, AAS, Dry ash (ppm)	0536	67.08	1.310	72.54	4.832	2.101	10	-1.13	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0629	71.00	0.0000	72.54	4.832	2.101	10	-0.32	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	71.50	1.000	72.54	4.832	2.101	10	-0.22	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	71.75	1.300	72.54	4.832	2.101	10	-0.16	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	73.25	1.227	72.54	4.832	2.101	10	0.15	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	74.13	5.250	72.54	4.832	2.101	10	0.33	1%	0
037.31	Zinc, AAS, Dry ash (ppm)	0208	75.55	3.700	72.54	4.832	2.101	10	0.62	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	76.10	0.0000	72.54	4.832	2.101	10	0.74	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	80.59	0.2624	72.54	4.832	2.101	10	1.67	6%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	82.10	4.800				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	72.12	0.9800				1			0
037.34	Zinc, AAS, Dry ash (ppm)	2188	75.49	0.3400				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0358	68.70	3.670	76.97	6.368	2.968	16	-1.30	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	70.50	1.000	76.97	6.368	2.968	16	-1.02	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0848	72.16	2.810	76.97	6.368	2.968	16	-0.76	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	72.60	0.0000	76.97	6.368	2.968	16	-0.69	3%	0
037.41	Zinc, ICP, Dry ash (ppm)	0049	73.27	8.650	76.97	6.368	2.968	16	-0.58	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	74.82	0.0000	76.97	6.368	2.968	16	-0.34	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	74.95	2.700	76.97	6.368	2.968	16	-0.32	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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)	0098	75.47	3.120	76.97	6.368	2.968	16	-0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	75.60	0.2718	76.97	6.368	2.968	16	-0.22	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	76.00	5.600	76.97	6.368	2.968	16	-0.15	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	77.58	6.508	76.97	6.368	2.968	16	0.09	0%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	78.53	1.190	76.97	6.368	2.968	16	0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	82.95	0.1000	76.97	6.368	2.968	16	0.94	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	85.44	4.530	76.97	6.368	2.968	16	1.33	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	88.07	0.2060	76.97	6.368	2.968	16	1.74	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	96.50	3.000	76.97	6.368	2.968	16	3.07	13%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	106.6	22.26	76.97	6.368	2.968	16	4.65	19%	1
037.42	Zinc, ICP, Open vessel (ppm)	2433	58.31	3.706	74.63	6.436	3.373	21	-2.54	11%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	64.00	6.000	74.63	6.436	3.373	21	-1.65	7%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	68.51	4.130	74.63	6.436	3.373	21	-0.95	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	68.77	0.4500	74.63	6.436	3.373	21	-0.91	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	69.51	1.270	74.63	6.436	3.373	21	-0.80	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	70.85	1.300	74.63	6.436	3.373	21	-0.59	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	72.40	3.800	74.63	6.436	3.373	21	-0.35	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	72.76	0.8000	74.63	6.436	3.373	21	-0.29	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0366	73.00	2.000	74.63	6.436	3.373	21	-0.25	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	73.89	15.02	74.63	6.436	3.373	21	-0.11	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	73.90	6.207	74.63	6.436	3.373	21	-0.11	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	74.80	2.400	74.63	6.436	3.373	21	0.03	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	75.00	10.00	74.63	6.436	3.373	21	0.06	0%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	76.55	3.300	74.63	6.436	3.373	21	0.30	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	78.06	2.480	74.63	6.436	3.373	21	0.53	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	78.30	0.3800	74.63	6.436	3.373	21	0.57	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	79.04	2.287	74.63	6.436	3.373	21	0.68	3%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	81.50	3.000	74.63	6.436	3.373	21	1.07	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	2375	82.50	9.000	74.63	6.436	3.373	21	1.22	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0037	84.00	0.0000	74.63	6.436	3.373	21	1.46	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	84.00	2.000	74.63	6.436	3.373	21	1.46	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	59.83	2.440	74.04	6.546	2.826	31	-2.17	10%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	64.63	0.3940	74.04	6.546	2.826	31	-1.44	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	65.00	4.000	74.04	6.546	2.826	31	-1.38	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	66.00	4.000	74.04	6.546	2.826	31	-1.23	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0202	67.95	1.900	74.04	6.546	2.826	31	-0.93	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	68.85	0.3000	74.04	6.546	2.826	31	-0.79	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	69.34	6.130	74.04	6.546	2.826	31	-0.72	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2445	69.43	0.4000	74.04	6.546	2.826	31	-0.70	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	70.00	5.800	74.04	6.546	2.826	31	-0.62	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	70.21	0.9700	74.04	6.546	2.826	31	-0.59	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	70.60	0.2000	74.04	6.546	2.826	31	-0.53	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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)	0226	71.86	2.190	74.04	6.546	2.826	31	-0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	72.00	4.000	74.04	6.546	2.826	31	-0.31	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0668	72.50	5.000	74.04	6.546	2.826	31	-0.24	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0407	73.45	4.035	74.04	6.546	2.826	31	-0.09	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	74.49	0.9244	74.04	6.546	2.826	31	0.07	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	75.65	0.1000	74.04	6.546	2.826	31	0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0508	75.72	4.167	74.04	6.546	2.826	31	0.26	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	75.79	0.7000	74.04	6.546	2.826	31	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	75.80	11.78	74.04	6.546	2.826	31	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	75.82	0.7400	74.04	6.546	2.826	31	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	76.00	6.000	74.04	6.546	2.826	31	0.30	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	77.91	0.0000	74.04	6.546	2.826	31	0.59	3%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	79.58	9.200	74.04	6.546	2.826	31	0.85	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	79.61	1.390	74.04	6.546	2.826	31	0.85	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	80.20	0.3410	74.04	6.546	2.826	31	0.94	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	80.50	4.200	74.04	6.546	2.826	31	0.99	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	80.91	0.5000	74.04	6.546	2.826	31	1.05	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	83.59	2.320	74.04	6.546	2.826	31	1.46	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0870	84.72	1.280	74.04	6.546	2.826	31	1.63	7%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	104.5	19.00	74.04	6.546	2.826	31	4.65	21%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	80.50	28.20	74.04	6.546	2.826	31	0.99	4%	1
037.44	Zinc, ICP, Dry ash (ppm)	0066	60.96	1.130				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	71.06	0.4360				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0164	73.00	2.000				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	80.95	2.150				2			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0047	102.9	11.82				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0199	62.72	0.9900				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	68.00	3.400				3			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	69.73	4.440				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	62.00	12.00	70.20	5.060	5.710	5			0
037.99	Zinc, Miscellaneous (ppm)	0242	70.00	2.000	70.20	5.060	5.710	5			0
037.99	Zinc, Miscellaneous (ppm)	0590	70.90	0.2000	70.20	5.060	5.710	5			0
037.99	Zinc, Miscellaneous (ppm)	0889	72.43	0.4500	70.20	5.060	5.710	5			0
037.99	Zinc, Miscellaneous (ppm)	0123	75.65	13.90	70.20	5.060	5.710	5			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	0.9585	0.0615				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0148	1.070	0.0600				3			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.095	0.0500				3			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	0.9950	0.0500	1.154	0.1689	0.1195	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.021	0.0280	1.154	0.1689	0.1195	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.300	0.2000	1.154	0.1689	0.1195	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0366	1.300	0.2000	1.154	0.1689	0.1195	4			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	< 1		1.154	0.1689	0.1195	4			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
038.42	Molybdenum, ICP, Open vessel (ppm)	0042	< 1.4		1.154	0.1689	0.1195	4			5
038.43	Molybdenum, ICP, Microwave (ppm)	0407	0.3741	0.0640	1.015	0.4056	0.1702	8	-1.58	32%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	0.7160	0.0280	1.015	0.4056	0.1702	8	-0.74	15%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0202	0.7500	0.1600	1.015	0.4056	0.1702	8	-0.65	13%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	1.135	0.0500	1.015	0.4056	0.1702	8	0.30	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.150	0.5000	1.015	0.4056	0.1702	8	0.33	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.150	0.1000	1.015	0.4056	0.1702	8	0.33	7%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0508	1.336	0.1334	1.015	0.4056	0.1702	8	0.79	16%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.475	0.3900	1.015	0.4056	0.1702	8	1.13	23%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	0.4133	0.0211				1			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0199	0.3915	0.0050				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	0.5766	0.2460				3			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.160	0.0600				3			0
038.99	Molybdenum, Miscellaneous (ppm)	0123	1.145	0.0700				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	4.498	0.4636				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	1.231	0.1467				1			0
042.00	Chloride, Titrimetric (%)	0226	0.0600	0.0000				2			0
042.00	Chloride, Titrimetric (%)	0948	0.0650	0.0100				2			0
042.00	Chloride, Titrimetric (%)	0619	0.0000	0.0000				2			4
042.01	Chloride, Ion-selective electrode (%)	2433	0.0651	0.0010				2			0
042.01	Chloride, Ion-selective electrode (%)	2434	0.0900	0.0000				2			0
042.99	Chloride, Miscellaneous (%)	0297	0.1000	0.0000				1			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	2,485	10.00				1			0
102.01	Niacin, Microbiological (ppm)	0227	30.65	0.7000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	5.230	0.2400				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	1.720	0.1600				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	3.375	0.0700				1			0
106.00	Vitamin A, Color (KU / kg)	0227	< 0.3					0			5
106.01	Vitamin A, UV (KU / kg)	0098	< 0.8					0			5
106.02	Vitamin A, LC (KU / kg)	0619	1.219	0.4420				2			0
106.02	Vitamin A, LC (KU / kg)	0038	37.60	4.800				2			0
106.02	Vitamin A, LC (KU / kg)	0017	0.0000	0.0000				2			4
106.02	Vitamin A, LC (KU / kg)	0870	< 0.17					2			5
106.02	Vitamin A, LC (KU / kg)	0199	< 0.2					2			5
106.02	Vitamin A, LC (KU / kg)	0904	< 1					2			5
106.02	Vitamin A, LC (KU / kg)	0148	< 1.68					2			5
106.02	Vitamin A, LC (KU / kg)	0638	< 2					2			5
106.02	Vitamin A, LC (KU / kg)	2319	< 2					2			5
106.02	Vitamin A, LC (KU / kg)	0563	< 500					2			5
107.00	Vitamin B12, Microbiological (ppb)	0227	< 4.4					0			5
108.02	Vitamin D3, LC (KU / kg)	0227	0.0887	0.0327				1			0
108.02	Vitamin D3, LC (KU / kg)	0910	< 0.5					1			5

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
108.02	Vitamin D3, LC (KU / kg)	0870	< 2					1			5
109.02	Vitamin E, LC (IU / kg)	0619	12.00	0.0000	15.98	2.753	1.234	9	-1.45	12%	0
109.02	Vitamin E, LC (IU / kg)	2319	14.30	0.0000	15.98	2.753	1.234	9	-0.61	5%	0
109.02	Vitamin E, LC (IU / kg)	0870	14.67	2.103	15.98	2.753	1.234	9	-0.48	4%	0
109.02	Vitamin E, LC (IU / kg)	0563	14.87	0.5611	15.98	2.753	1.234	9	-0.40	3%	0
109.02	Vitamin E, LC (IU / kg)	0208	15.31	2.734	15.98	2.753	1.234	9	-0.25	2%	0
109.02	Vitamin E, LC (IU / kg)	0610	16.80	1.400	15.98	2.753	1.234	9	0.30	3%	0
109.02	Vitamin E, LC (IU / kg)	0227	17.76	0.4440	15.98	2.753	1.234	9	0.65	6%	0
109.02	Vitamin E, LC (IU / kg)	0199	18.02	0.1600	15.98	2.753	1.234	9	0.74	6%	0
109.02	Vitamin E, LC (IU / kg)	2188	28.36	0.0000	15.98	2.753	1.234	9	4.50	39%	0
109.02	Vitamin E, LC (IU / kg)	0638	< 19		15.98	2.753	1.234	9			5
109.02	Vitamin E, LC (IU / kg)	0148	< 29		15.98	2.753	1.234	9			5
109.02	Vitamin E, LC (IU / kg)	0098	< 40		15.98	2.753	1.234	9			5
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0910	< 1					0			5
112.01	Pyridoxine, LC (µg / g)	0227	1.365	0.0100				1			0
113.01	Folic Acid, Micro (ppm)	0227	1.965	0.0500				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.2030	0.0020				1			0
114.99	Biotin, Miscellaneous (ppm)	0227	0.4320	0.0140				1			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	0.7313	0.1166				1			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.516	0.0240	1.580	0.0430	0.0248	16	-1.48	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.538	0.0010	1.580	0.0430	0.0248	16	-0.98	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.539	0.0110	1.580	0.0430	0.0248	16	-0.96	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.540	0.0200	1.580	0.0430	0.0248	16	-0.92	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.550	0.0600	1.580	0.0430	0.0248	16	-0.69	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.560	0.0200	1.580	0.0430	0.0248	16	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.570	0.0988	1.580	0.0430	0.0248	16	-0.23	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.573	0.0250	1.580	0.0430	0.0248	16	-0.17	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.582	0.0310	1.580	0.0430	0.0248	16	0.04	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	1.593	0.0254	1.580	0.0430	0.0248	16	0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.600	0.0400	1.580	0.0430	0.0248	16	0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.605	0.0100	1.580	0.0430	0.0248	16	0.59	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.614	0.0000	1.580	0.0430	0.0248	16	0.80	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2022	1.625	0.0100	1.580	0.0430	0.0248	16	1.05	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.629	0.0000	1.580	0.0430	0.0248	16	1.14	2%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.685	0.0300	1.580	0.0430	0.0248	16	2.45	3%	0
120.02	Alanine, Post-col OPA Der (%)	0098	1.575	0.0020				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	1.274	0.0370	1.492	0.1940	0.0488	7	-1.13	7%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	1.340	0.0170	1.492	0.1940	0.0488	7	-0.79	5%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	1.402	0.0521	1.492	0.1940	0.0488	7	-0.47	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.520	0.1000	1.492	0.1940	0.0488	7	0.14	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.548	0.0000	1.492	0.1940	0.0488	7	0.29	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
120.05	Alanine, Pre-col AQC Der (%)	0626	1.580	0.0380	1.492	0.1940	0.0488	7	0.45	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	2.070	0.0000	1.492	0.1940	0.0488	7	2.98	19%	0
120.99	Alanine, Miscellaneous (%)	0227	1.645	0.0100				1			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	4.055	0.1337	4.280	0.1020	0.0608	16	-2.21	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	4.120	0.0010	4.280	0.1020	0.0608	16	-1.58	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	4.193	0.0080	4.280	0.1020	0.0608	16	-0.86	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	4.200	0.2000	4.280	0.1020	0.0608	16	-0.79	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	4.236	0.1010	4.280	0.1020	0.0608	16	-0.44	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	4.240	0.0200	4.280	0.1020	0.0608	16	-0.40	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2022	4.260	0.0200	4.280	0.1020	0.0608	16	-0.20	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	4.278	0.0110	4.280	0.1020	0.0608	16	-0.03	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	4.285	0.1700	4.280	0.1020	0.0608	16	0.05	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	4.320	0.0800	4.280	0.1020	0.0608	16	0.39	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	4.334	0.0670	4.280	0.1020	0.0608	16	0.52	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	4.348	0.0000	4.280	0.1020	0.0608	16	0.66	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	4.350	0.0140	4.280	0.1020	0.0608	16	0.68	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	4.365	0.0000	4.280	0.1020	0.0608	16	0.83	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	4.390	0.0200	4.280	0.1020	0.0608	16	1.07	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	4.440	0.0600	4.280	0.1020	0.0608	16	1.56	2%	0
121.02	Arginine, Post-col OPA Der (%)	0098	4.101	0.0150				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	3.321	0.1970	4.225	0.4794	0.1876	7	-1.89	11%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	3.936	0.2070	4.225	0.4794	0.1876	7	-0.60	3%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	4.199	0.2869	4.225	0.4794	0.1876	7	-0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2196	4.248	0.0000	4.225	0.4794	0.1876	7	0.05	0%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	4.288	0.0870	4.225	0.4794	0.1876	7	0.13	1%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	4.610	0.1600	4.225	0.4794	0.1876	7	0.80	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	4.789	0.0000	4.225	0.4794	0.1876	7	1.18	7%	0
121.99	Arginine, Miscellaneous (%)	0227	4.340	0.0400				1			0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	3.545	0.1300	3.646	0.0949	0.0569	16	-1.06	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	3.548	0.0060	3.646	0.0949	0.0569	16	-1.03	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	3.565	0.0100	3.646	0.0949	0.0569	16	-0.85	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	3.582	0.0000	3.646	0.0949	0.0569	16	-0.67	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	3.604	0.0710	3.646	0.0949	0.0569	16	-0.44	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	3.605	0.0536	3.646	0.0949	0.0569	16	-0.43	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	3.607	0.1661	3.646	0.0949	0.0569	16	-0.40	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	3.610	0.1200	3.646	0.0949	0.0569	16	-0.37	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	3.617	0.0040	3.646	0.0949	0.0569	16	-0.30	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	3.620	0.0200	3.646	0.0949	0.0569	16	-0.27	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	3.636	0.0040	3.646	0.0949	0.0569	16	-0.10	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	3.715	0.0000	3.646	0.0949	0.0569	16	0.73	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	3.739	0.0000	3.646	0.0949	0.0569	16	0.99	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	3.760	0.1200	3.646	0.0949	0.0569	16	1.21	2%	0

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122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	3.790	0.0400	3.646	0.0949	0.0569	16	1.52	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2022	3.855	0.0100	3.646	0.0949	0.0569	16	2.21	3%	0
122.02	Aspartic, Post-col OPA Der (%)	0098	3.677	0.0190				1			0
122.05	Aspartic, Pre-col AQC Der (%)	0407	2.728	0.0500	3.402	0.5963	0.1369	7	-1.13	10%	0
122.05	Aspartic, Pre-col AQC Der (%)	2246	2.907	0.0605	3.402	0.5963	0.1369	7	-0.83	7%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	3.128	0.0660	3.402	0.5963	0.1369	7	-0.46	4%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	3.560	0.3400	3.402	0.5963	0.1369	7	0.26	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	3.592	0.0000	3.402	0.5963	0.1369	7	0.32	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	3.615	0.1260	3.402	0.5963	0.1369	7	0.36	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	4.284	0.2040	3.402	0.5963	0.1369	7	1.48	13%	0
122.99	Aspartic, Miscellaneous (%)	0227	3.785	0.0300				1			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0644	0.5680	0.0120	0.5988	0.0281	0.0151	16	-1.10	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0910	0.5700	0.0200	0.5988	0.0281	0.0151	16	-1.03	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0859	0.5718	0.0092	0.5988	0.0281	0.0151	16	-0.96	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0619	0.5750	0.0240	0.5988	0.0281	0.0151	16	-0.85	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0682	0.5830	0.0000	0.5988	0.0281	0.0151	16	-0.56	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2022	0.5850	0.0100	0.5988	0.0281	0.0151	16	-0.49	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	2059	0.5890	0.0040	0.5988	0.0281	0.0151	16	-0.35	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0571	0.5935	0.0150	0.5988	0.0281	0.0151	16	-0.19	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0872	0.5960	0.0020	0.5988	0.0281	0.0151	16	-0.10	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0226	0.5988	0.0449	0.5988	0.0281	0.0151	16	0.00	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0652	0.6100	0.0200	0.5988	0.0281	0.0151	16	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0675	0.6100	0.0200	0.5988	0.0281	0.0151	16	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0941	0.6100	0.0000	0.5988	0.0281	0.0151	16	0.40	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0504	0.6400	0.0200	0.5988	0.0281	0.0151	16	1.47	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0968	0.6400	0.0000	0.5988	0.0281	0.0151	16	1.47	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydry (%)	0354	0.6490	0.0120	0.5988	0.0281	0.0151	16	1.79	4%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.5980	0.0060				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.4948	0.0043	0.5511	0.0416	0.0332	6	-1.35	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.5350	0.0100	0.5511	0.0416	0.0332	6	-0.39	1%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.5475	0.0270	0.5511	0.0416	0.0332	6	-0.09	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.5500	0.0600	0.5511	0.0416	0.0332	6	-0.03	0%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.5773	0.0648	0.5511	0.0416	0.0332	6	0.63	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.6020	0.0000	0.5511	0.0416	0.0332	6	1.22	5%	0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.5850	0.0100				2			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.8801	0.0772				2			0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	7.415	0.0500	7.905	0.2758	0.1804	16	-1.77	3%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	7.588	0.0170	7.905	0.2758	0.1804	16	-1.15	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	7.605	0.7300	7.905	0.2758	0.1804	16	-1.09	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	7.644	0.0160	7.905	0.2758	0.1804	16	-0.94	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	7.760	0.0400	7.905	0.2758	0.1804	16	-0.52	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	7.790	0.4400	7.905	0.2758	0.1804	16	-0.42	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	0571	7.842	0.1360	7.905	0.2758	0.1804	16	-0.23	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	7.888	0.1390	7.905	0.2758	0.1804	16	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	7.963	0.1420	7.905	0.2758	0.1804	16	0.21	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	8.015	0.3700	7.905	0.2758	0.1804	16	0.40	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	8.051	0.1381	7.905	0.2758	0.1804	16	0.53	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	8.060	0.0000	7.905	0.2758	0.1804	16	0.56	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	8.110	0.0400	7.905	0.2758	0.1804	16	0.74	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	8.169	0.0000	7.905	0.2758	0.1804	16	0.96	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	8.179	0.4854	7.905	0.2758	0.1804	16	1.00	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2022	8.380	0.0200	7.905	0.2758	0.1804	16	1.72	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	7.760	0.0080				1			0
125.05	Glutamic, Pre-col AQC Der (%)	2188	6.422	0.0000	7.449	0.8838	0.1951	7	-1.16	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	0407	6.516	0.3150	7.449	0.8838	0.1951	7	-1.06	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	7.349	0.2163	7.449	0.8838	0.1951	7	-0.11	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	7.697	0.1100	7.449	0.8838	0.1951	7	0.28	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	7.745	0.0540	7.449	0.8838	0.1951	7	0.33	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	7.754	0.0000	7.449	0.8838	0.1951	7	0.35	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	8.660	0.2800	7.449	0.8838	0.1951	7	1.37	8%	0
125.99	Glutamic, Miscellaneous (%)	0227	8.240	0.0800				1			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	1.600	0.0400	1.662	0.0513	0.0331	16	-1.22	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.603	0.0320	1.662	0.0513	0.0331	16	-1.16	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.618	0.0030	1.662	0.0513	0.0331	16	-0.88	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.620	0.0200	1.662	0.0513	0.0331	16	-0.83	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.635	0.0040	1.662	0.0513	0.0331	16	-0.54	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	1.639	0.0000	1.662	0.0513	0.0331	16	-0.46	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.650	0.0600	1.662	0.0513	0.0331	16	-0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.650	0.0000	1.662	0.0513	0.0331	16	-0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	1.661	0.0776	1.662	0.0513	0.0331	16	-0.02	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.666	0.0480	1.662	0.0513	0.0331	16	0.07	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.673	0.0360	1.662	0.0513	0.0331	16	0.21	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.675	0.0100	1.662	0.0513	0.0331	16	0.24	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.711	0.0000	1.662	0.0513	0.0331	16	0.95	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2022	1.720	0.0000	1.662	0.0513	0.0331	16	1.12	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.740	0.0400	1.662	0.0513	0.0331	16	1.51	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	2.141	0.0353	1.662	0.0513	0.0331	16	9.33	14%	0
126.02	Glycine, Post-col OPA Der (%)	0098	1.658	0.0160				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	1.249	0.0180	1.662	0.1278	0.0409	7	-3.23	12%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.610	0.0733	1.662	0.1278	0.0409	7	-0.41	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	1.644	0.0600	1.662	0.1278	0.0409	7	-0.14	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	1.666	0.0000	1.662	0.1278	0.0409	7	0.03	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.670	0.0130	1.662	0.1278	0.0409	7	0.06	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.720	0.0400	1.662	0.1278	0.0409	7	0.45	2%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	2188	2.266	0.0000	1.662	0.1278	0.0409	7	4.73	18%	0
126.99	Glycine, Miscellaneous (%)	0227	1.745	0.0100				1			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.7750	0.0100	1.081	0.0626	0.0257	16	-4.89	14%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.9879	0.0381	1.081	0.0626	0.0257	16	-1.49	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	1.011	0.0205	1.081	0.0626	0.0257	16	-1.12	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	1.053	0.0000	1.081	0.0626	0.0257	16	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	1.067	0.0050	1.081	0.0626	0.0257	16	-0.23	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	1.073	0.0130	1.081	0.0626	0.0257	16	-0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	1.075	0.0300	1.081	0.0626	0.0257	16	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	1.075	0.0020	1.081	0.0626	0.0257	16	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	1.076	0.0100	1.081	0.0626	0.0257	16	-0.08	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	1.085	0.0500	1.081	0.0626	0.0257	16	0.06	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	1.089	0.0070	1.081	0.0626	0.0257	16	0.12	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	1.116	0.0000	1.081	0.0626	0.0257	16	0.56	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2022	1.130	0.0000	1.081	0.0626	0.0257	16	0.78	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	1.140	0.0000	1.081	0.0626	0.0257	16	0.94	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	1.165	0.0900	1.081	0.0626	0.0257	16	1.34	4%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	1.170	0.0600	1.081	0.0626	0.0257	16	1.42	4%	0
127.02	Histidine, Post-col OPA Der (%)	0098	1.031	0.0060				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.8020	0.0020	1.101	0.1248	0.0414	7	-2.40	14%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	1.057	0.0120	1.101	0.1248	0.0414	7	-0.36	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0626	1.086	0.0040	1.101	0.1248	0.0414	7	-0.12	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	1.091	0.0000	1.101	0.1248	0.0414	7	-0.08	0%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	1.103	0.0000	1.101	0.1248	0.0414	7	0.01	0%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	1.170	0.0600	1.101	0.1248	0.0414	7	0.55	3%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	1.316	0.1292	1.101	0.1248	0.0414	7	1.72	10%	0
127.99	Histidine, Miscellaneous (%)	0227	1.145	0.0100				1			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	1.148	0.0000	1.248	0.0568	0.0248	16	-1.76	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	1.186	0.0200	1.248	0.0568	0.0248	16	-1.09	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	1.196	0.0350	1.248	0.0568	0.0248	16	-0.91	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	1.205	0.0100	1.248	0.0568	0.0248	16	-0.75	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	1.213	0.0080	1.248	0.0568	0.0248	16	-0.61	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	1.213	0.0100	1.248	0.0568	0.0248	16	-0.61	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	1.220	0.0400	1.248	0.0568	0.0248	16	-0.49	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	1.250	0.0800	1.248	0.0568	0.0248	16	0.04	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	1.255	0.0300	1.248	0.0568	0.0248	16	0.13	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	1.264	0.0270	1.248	0.0568	0.0248	16	0.28	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	1.265	0.0300	1.248	0.0568	0.0248	16	0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2022	1.295	0.0100	1.248	0.0568	0.0248	16	0.83	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	1.297	0.0020	1.248	0.0568	0.0248	16	0.87	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	1.302	0.0675	1.248	0.0568	0.0248	16	0.95	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	1.320	0.0200	1.248	0.0568	0.0248	16	1.27	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	1.322	0.0000	1.248	0.0568	0.0248	16	1.31	3%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	1.160	0.0060				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	1.020	0.0550	1.284	0.2037	0.0431	7	-1.30	10%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	1.172	0.0250	1.284	0.2037	0.0431	7	-0.55	4%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	1.200	0.0455	1.284	0.2037	0.0431	7	-0.41	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	1.295	0.0500	1.284	0.2037	0.0431	7	0.06	0%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	1.342	0.0400	1.284	0.2037	0.0431	7	0.29	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	1.369	0.0000	1.284	0.2037	0.0431	7	0.42	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	1.686	0.0000	1.284	0.2037	0.0431	7	1.97	16%	0
128.99	Isoleucine, Miscellaneous (%)	0227	1.345	0.0300				1			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	2.255	0.0500	2.320	0.0512	0.0330	16	-1.28	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	2.268	0.0050	2.320	0.0512	0.0330	16	-1.03	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	2.270	0.1400	2.320	0.0512	0.0330	16	-0.98	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	2.276	0.0050	2.320	0.0512	0.0330	16	-0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	2.281	0.0345	2.320	0.0512	0.0330	16	-0.76	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	2.285	0.0100	2.320	0.0512	0.0330	16	-0.69	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	2.286	0.0120	2.320	0.0512	0.0330	16	-0.67	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	2.335	0.0700	2.320	0.0512	0.0330	16	0.29	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	2.336	0.0430	2.320	0.0512	0.0330	16	0.30	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	2.337	0.0000	2.320	0.0512	0.0330	16	0.33	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	2.344	0.0080	2.320	0.0512	0.0330	16	0.46	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	2.355	0.0100	2.320	0.0512	0.0330	16	0.68	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	2.358	0.0000	2.320	0.0512	0.0330	16	0.74	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	2.365	0.0100	2.320	0.0512	0.0330	16	0.87	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	2.377	0.1342	2.320	0.0512	0.0330	16	1.11	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2022	2.480	0.0000	2.320	0.0512	0.0330	16	3.12	3%	0
129.02	Leucine, Post-col OPA Der (%)	0098	2.217	0.0340				1			0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.739	0.0220	2.284	0.1487	0.0519	7	-3.67	12%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	2.207	0.0763	2.284	0.1487	0.0519	7	-0.52	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	2.225	0.0150	2.284	0.1487	0.0519	7	-0.40	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	2.297	0.0000	2.284	0.1487	0.0519	7	0.09	0%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	2.355	0.0700	2.284	0.1487	0.0519	7	0.48	2%	0
129.05	Leucine, Pre-col AQC Der (%)	2188	2.405	0.0000	2.284	0.1487	0.0519	7	0.81	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	2.439	0.0760	2.284	0.1487	0.0519	7	1.04	3%	0
129.99	Leucine, Miscellaneous (%)	0227	2.475	0.0300				1			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	1.565	0.0100	1.632	0.0565	0.0263	16	-1.18	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	1.573	0.0050	1.632	0.0565	0.0263	16	-1.05	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.590	0.0200	1.632	0.0565	0.0263	16	-0.74	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	1.590	0.0400	1.632	0.0565	0.0263	16	-0.74	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	1.600	0.0200	1.632	0.0565	0.0263	16	-0.56	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	1.603	0.0450	1.632	0.0565	0.0263	16	-0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	1.607	0.0402	1.632	0.0565	0.0263	16	-0.44	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* 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 (%)	2022	1.625	0.0100	1.632	0.0565	0.0263	16	-0.12	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	1.627	0.0190	1.632	0.0565	0.0263	16	-0.09	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	1.628	0.0260	1.632	0.0565	0.0263	16	-0.07	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	1.640	0.0110	1.632	0.0565	0.0263	16	0.14	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	1.645	0.0000	1.632	0.0565	0.0263	16	0.23	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	1.669	0.0000	1.632	0.0565	0.0263	16	0.66	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	1.718	0.0462	1.632	0.0565	0.0263	16	1.52	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.725	0.0500	1.632	0.0565	0.0263	16	1.65	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	1.780	0.0000	1.632	0.0565	0.0263	16	2.62	5%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	1.833	0.0230				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	1.340	0.0260	1.575	0.2035	0.0271	6	-1.15	7%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	1.439	0.0094	1.575	0.2035	0.0271	6	-0.67	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	1.502	0.0260	1.575	0.2035	0.0271	6	-0.36	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	1.634	0.0470	1.575	0.2035	0.0271	6	0.29	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	1.721	0.0000	1.575	0.2035	0.0271	6	0.72	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	1.814	0.0000	1.575	0.2035	0.0271	6	1.18	8%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.505	0.1900	1.575	0.2035	0.0271	6	-0.34	2%	1
130.99	L-Lysine, Miscellaneous (%)	2246	1.819	0.1323				2			0
130.99	L-Lysine, Miscellaneous (%)	0227	1.950	0.0600				2			0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.5440	0.0000	0.5993	0.0227	0.0172	16	-2.44	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2022	0.5450	0.0100	0.5993	0.0227	0.0172	16	-2.39	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.5760	0.0100	0.5993	0.0227	0.0172	16	-1.03	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.5870	0.0000	0.5993	0.0227	0.0172	16	-0.54	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.5916	0.0123	0.5993	0.0227	0.0172	16	-0.34	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.5935	0.0050	0.5993	0.0227	0.0172	16	-0.26	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.5950	0.0100	0.5993	0.0227	0.0172	16	-0.19	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.6000	0.0000	0.5993	0.0227	0.0172	16	0.03	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.6015	0.0230	0.5993	0.0227	0.0172	16	0.10	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.6020	0.0000	0.5993	0.0227	0.0172	16	0.12	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.6050	0.0300	0.5993	0.0227	0.0172	16	0.25	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.6100	0.0060	0.5993	0.0227	0.0172	16	0.47	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.6150	0.0300	0.5993	0.0227	0.0172	16	0.69	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.6150	0.0120	0.5993	0.0227	0.0172	16	0.69	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.6700	0.0400	0.5993	0.0227	0.0172	16	3.11	6%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.7040	0.0229	0.5993	0.0227	0.0172	16	4.61	9%	0
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.5960	0.0020				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.3972	0.0306	0.5588	0.1127	0.0266	7	-1.43	14%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.4377	0.0107	0.5588	0.1127	0.0266	7	-1.08	11%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.5930	0.0000	0.5588	0.1127	0.0266	7	0.30	3%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.6020	0.0480	0.5588	0.1127	0.0266	7	0.38	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.6035	0.0190	0.5588	0.1127	0.0266	7	0.40	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.6235	0.0410	0.5588	0.1127	0.0266	7	0.57	6%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.6550	0.0100	0.5588	0.1127	0.0266	7	0.85	9%	0
131.99	Methionine, Miscellaneous (%)	2246	0.4502	0.0236				2			0
131.99	Methionine, Miscellaneous (%)	0227	0.6500	0.0000				2			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	1.800	0.0600	2.142	0.0564	0.0438	16	-6.07	8%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	2.065	0.0300	2.142	0.0564	0.0438	16	-1.37	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	2.095	0.0500	2.142	0.0564	0.0438	16	-0.83	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	2.105	0.0700	2.142	0.0564	0.0438	16	-0.66	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	2.106	0.0000	2.142	0.0564	0.0438	16	-0.64	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	2.114	0.0150	2.142	0.0564	0.0438	16	-0.51	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	2.137	0.0210	2.142	0.0564	0.0438	16	-0.10	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	2.144	0.0000	2.142	0.0564	0.0438	16	0.04	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	2.151	0.1153	2.142	0.0564	0.0438	16	0.15	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	2.154	0.0554	2.142	0.0564	0.0438	16	0.21	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	2.155	0.0330	2.142	0.0564	0.0438	16	0.22	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	2.175	0.0900	2.142	0.0564	0.0438	16	0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	2.175	0.0100	2.142	0.0564	0.0438	16	0.59	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	2.198	0.0330	2.142	0.0564	0.0438	16	0.98	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	2.216	0.0000	2.142	0.0564	0.0438	16	1.31	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2022	2.295	0.0100	2.142	0.0564	0.0438	16	2.71	4%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	2.064	0.0090				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	1.531	0.0010	2.080	0.1614	0.0974	7	-3.41	13%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	1.962	0.0000	2.080	0.1614	0.0974	7	-0.73	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	2.062	0.0000	2.080	0.1614	0.0974	7	-0.11	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	2.091	0.1370	2.080	0.1614	0.0974	7	0.06	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	2.164	0.1750	2.080	0.1614	0.0974	7	0.52	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	2.200	0.0640	2.080	0.1614	0.0974	7	0.74	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	2.245	0.1100	2.080	0.1614	0.0974	7	1.02	4%	0
132.99	Phenylalanine, Miscellaneous (%)	0227	2.245	0.0300				1			0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.023	0.0000	1.510	0.0740	0.0287	15	-6.58	16%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.450	0.0200	1.510	0.0740	0.0287	15	-0.82	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.455	0.0500	1.510	0.0740	0.0287	15	-0.75	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.457	0.0180	1.510	0.0740	0.0287	15	-0.72	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.465	0.0500	1.510	0.0740	0.0287	15	-0.61	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.486	0.0120	1.510	0.0740	0.0287	15	-0.33	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.487	0.0040	1.510	0.0740	0.0287	15	-0.32	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.501	0.0000	1.510	0.0740	0.0287	15	-0.13	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2022	1.505	0.0100	1.510	0.0740	0.0287	15	-0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.518	0.0150	1.510	0.0740	0.0287	15	0.10	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.546	0.1060	1.510	0.0740	0.0287	15	0.48	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.549	0.0000	1.510	0.0740	0.0287	15	0.52	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.608	0.0530	1.510	0.0740	0.0287	15	1.31	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.610	0.0200	1.510	0.0740	0.0287	15	1.34	3%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.675	0.0300	1.510	0.0740	0.0287	15	2.22	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.495	0.2300	1.510	0.0740	0.0287	15	-0.21	1%	1
133.05	Proline, Pre-col AQC Der (%)	0407	1.134	0.0300	1.450	0.2437	0.0263	6	-1.30	11%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.345	0.0270	1.450	0.2437	0.0263	6	-0.43	4%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.356	0.0140	1.450	0.2437	0.0263	6	-0.38	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.533	0.0340	1.450	0.2437	0.0263	6	0.34	3%	0
133.05	Proline, Pre-col AQC Der (%)	2196	1.590	0.0000	1.450	0.2437	0.0263	6	0.58	5%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.741	0.0000	1.450	0.2437	0.0263	6	1.19	10%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.455	0.1500	1.450	0.2437	0.0263	6	0.02	0%	1
133.99	Proline, Miscellaneous (%)	0227	1.520	0.0200				1			0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	1.670	0.0150	1.742	0.0551	0.0223	15	-1.32	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	1.672	0.0050	1.742	0.0551	0.0223	15	-1.29	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	1.690	0.0000	1.742	0.0551	0.0223	15	-0.95	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	1.695	0.0100	1.742	0.0551	0.0223	15	-0.86	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	1.714	0.0110	1.742	0.0551	0.0223	15	-0.52	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	1.721	0.0160	1.742	0.0551	0.0223	15	-0.39	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	1.745	0.0500	1.742	0.0551	0.0223	15	0.05	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	1.747	0.0267	1.742	0.0551	0.0223	15	0.08	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0682	1.753	0.0000	1.742	0.0551	0.0223	15	0.19	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	1.756	0.0773	1.742	0.0551	0.0223	15	0.24	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	1.770	0.0000	1.742	0.0551	0.0223	15	0.50	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	1.780	0.0400	1.742	0.0551	0.0223	15	0.68	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	1.785	0.0100	1.742	0.0551	0.0223	15	0.77	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2022	1.815	0.0100	1.742	0.0551	0.0223	15	1.32	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	1.863	0.0000	1.742	0.0551	0.0223	15	2.19	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0504	1.615	0.2100	1.742	0.0551	0.0223	15	-2.31	4%	1
134.02	Serine, Post-col OPA Der (%)	0098	1.533	0.0390				1			0
134.05	Serine, Pre-col AQC Der (%)	0407	1.025	0.0440	1.653	0.1912	0.0543	7	-3.28	19%	0
134.05	Serine, Pre-col AQC Der (%)	0870	1.551	0.0400	1.653	0.1912	0.0543	7	-0.53	3%	0
134.05	Serine, Pre-col AQC Der (%)	2188	1.572	0.0000	1.653	0.1912	0.0543	7	-0.42	2%	0
134.05	Serine, Pre-col AQC Der (%)	2196	1.696	0.0000	1.653	0.1912	0.0543	7	0.23	1%	0
134.05	Serine, Pre-col AQC Der (%)	0626	1.740	0.0350	1.653	0.1912	0.0543	7	0.45	3%	0
134.05	Serine, Pre-col AQC Der (%)	2246	1.775	0.1126	1.653	0.1912	0.0543	7	0.64	4%	0
134.05	Serine, Pre-col AQC Der (%)	0148	1.870	0.0400	1.653	0.1912	0.0543	7	1.14	7%	0
134.99	Serine, Miscellaneous (%)	0227	1.790	0.0000				1			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	1.255	0.0300	1.297	0.0407	0.0206	16	-1.04	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	1.256	0.0524	1.297	0.0407	0.0206	16	-1.02	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	1.264	0.0060	1.297	0.0407	0.0206	16	-0.82	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	1.265	0.0300	1.297	0.0407	0.0206	16	-0.80	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	1.269	0.0090	1.297	0.0407	0.0206	16	-0.71	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	1.280	0.0800	1.297	0.0407	0.0206	16	-0.43	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	1.281	0.0000	1.297	0.0407	0.0206	16	-0.40	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	1.282	0.0230	1.297	0.0407	0.0206	16	-0.39	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	1.297	0.0130	1.297	0.0407	0.0206	16	-0.02	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	1.300	0.0200	1.297	0.0407	0.0206	16	0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	1.300	0.0200	1.297	0.0407	0.0206	16	0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	1.305	0.0139	1.297	0.0407	0.0206	16	0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	1.345	0.0100	1.297	0.0407	0.0206	16	1.17	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	1.351	0.0250	1.297	0.0407	0.0206	16	1.30	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	1.353	0.0000	1.297	0.0407	0.0206	16	1.37	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2022	1.455	0.0100	1.297	0.0407	0.0206	16	3.87	6%	0
135.02	Threonine, Post-col OPA Der (%)	0098	1.235	0.0020				1			0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.7735	0.0150	1.292	0.1156	0.0398	7	-4.49	20%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	1.197	0.0190	1.292	0.1156	0.0398	7	-0.83	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	1.298	0.0290	1.292	0.1156	0.0398	7	0.04	0%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	1.310	0.0000	1.292	0.1156	0.0398	7	0.15	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	1.351	0.0858	1.292	0.1156	0.0398	7	0.51	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2188	1.358	0.0000	1.292	0.1156	0.0398	7	0.57	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	1.415	0.0500	1.292	0.1156	0.0398	7	1.06	5%	0
135.99	Threonine, Miscellaneous (%)	0227	1.350	0.0000				2			0
135.99	Threonine, Miscellaneous (%)	2246	1.468	0.0556				2			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.4720	0.0000	0.5341	0.0508	0.0160	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.5250	0.0220	0.5341	0.0508	0.0160	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.5443	0.0000	0.5341	0.0508	0.0160	4			0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.5950	0.0100	0.5341	0.0508	0.0160	4			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.5125	0.0010				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.5230	0.0040				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.5070	0.0160				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.4960	0.0040	0.5189	0.0299	0.0045	6	-0.76	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.4995	0.0050	0.5189	0.0299	0.0045	6	-0.65	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.5026	0.0023	0.5189	0.0299	0.0045	6	-0.54	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.5153	0.0042	0.5189	0.0299	0.0045	6	-0.12	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.5360	0.0000	0.5189	0.0299	0.0045	6	0.57	2%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.5841	0.0071	0.5189	0.0299	0.0045	6	2.18	6%	0
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.3382	0.0103				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.4605	0.0170				3			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.5720	0.0280				3			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.3970	0.0060				2			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.4510	0.0015				2			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.9650	0.0100	1.097	0.0987	0.0120	10	-1.34	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	1.030	0.0070	1.097	0.0987	0.0120	10	-0.69	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	1.045	0.0100	1.097	0.0987	0.0120	10	-0.53	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	1.068	0.0000	1.097	0.0987	0.0120	10	-0.30	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	1.075	0.0000	1.097	0.0987	0.0120	10	-0.23	1%	0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT	Threshold	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	1.075	0.0100	1.097	0.0987	0.0120	10	-0.23	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	1.082	0.0200	1.097	0.0987	0.0120	10	-0.15	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	1.175	0.0355	1.097	0.0987	0.0120	10	0.79	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	1.213	0.0050	1.097	0.0987	0.0120	10	1.17	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	1.314	0.0120	1.097	0.0987	0.0120	10	2.19	10%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	1.145	0.0900	1.097	0.0987	0.0120	10	0.48	2%	1
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.8195	0.0010				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.7805	0.0010	1.059	0.1956	0.0484	7	-1.43	13%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.9033	0.0782	1.059	0.1956	0.0484	7	-0.80	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	1.056	0.0260	1.059	0.1956	0.0484	7	-0.02	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	1.070	0.0670	1.059	0.1956	0.0484	7	0.05	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	1.122	0.0000	1.059	0.1956	0.0484	7	0.32	3%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	1.189	0.0000	1.059	0.1956	0.0484	7	0.66	6%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	1.295	0.0700	1.059	0.1956	0.0484	7	1.20	11%	0
137.99	Tyrosine, Miscellaneous (%)	0227	1.045	0.0100				1			0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	1.577	0.0000	1.733	0.0888	0.0288	16	-1.76	5%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	1.609	0.0000	1.733	0.0888	0.0288	16	-1.40	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0910	1.665	0.0300	1.733	0.0888	0.0288	16	-0.77	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	1.671	0.0434	1.733	0.0888	0.0288	16	-0.71	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	1.689	0.0300	1.733	0.0888	0.0288	16	-0.50	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	1.690	0.0030	1.733	0.0888	0.0288	16	-0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.690	0.0400	1.733	0.0888	0.0288	16	-0.49	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	1.740	0.0200	1.733	0.0888	0.0288	16	0.07	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	1.752	0.0280	1.733	0.0888	0.0288	16	0.21	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	1.755	0.0900	1.733	0.0888	0.0288	16	0.24	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	1.766	0.0290	1.733	0.0888	0.0288	16	0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	1.790	0.0200	1.733	0.0888	0.0288	16	0.64	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.800	0.0200	1.733	0.0888	0.0288	16	0.75	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	1.826	0.0210	1.733	0.0888	0.0288	16	1.04	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	1.826	0.0627	1.733	0.0888	0.0288	16	1.05	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2022	1.895	0.0100	1.733	0.0888	0.0288	16	1.82	5%	0
138.02	Valine, Post-col OPA Der (%)	0098	1.770	0.0040				1			0
138.05	Valine, Pre-col AQC Der (%)	0407	1.375	0.0140	1.705	0.1062	0.0477	7	-3.10	10%	0
138.05	Valine, Pre-col AQC Der (%)	0870	1.615	0.0210	1.705	0.1062	0.0477	7	-0.85	3%	0
138.05	Valine, Pre-col AQC Der (%)	2196	1.707	0.0000	1.705	0.1062	0.0477	7	0.02	0%	0
138.05	Valine, Pre-col AQC Der (%)	2188	1.722	0.0000	1.705	0.1062	0.0477	7	0.16	1%	0
138.05	Valine, Pre-col AQC Der (%)	2246	1.754	0.0647	1.705	0.1062	0.0477	7	0.47	1%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.784	0.0490	1.705	0.1062	0.0477	7	0.74	2%	0
138.05	Valine, Pre-col AQC Der (%)	0148	1.805	0.0900	1.705	0.1062	0.0477	7	0.95	3%	0
138.99	Valine, Miscellaneous (%)	0227	1.925	0.0100				1			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0260	0.0000				2			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1400	0.0200				2			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0		5	
139.05	Taurine, Pre-col AQC Der (%)	0407	0.1580	0.0120				1		0	
139.05	Taurine, Pre-col AQC Der (%)	2319	< 0.0005					1		5	
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					0		5	
160.10	Fructose, HPAEC PAD (%)	0297	0.1100	0.0000				1		0	
160.99	Fructose, Miscellaneous (%)	0148	0.1300	0.0040				2		0	
160.99	Fructose, Miscellaneous (%)	0227	0.8400	0.0000				2		0	
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
162.10	Glucose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
162.99	Glucose, Miscellaneous (%)	0148	< 0.05					0		5	
162.99	Glucose, Miscellaneous (%)	0227	< 0.15					0		5	
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0		4	
163.99	Lactose, Miscellaneous (%)	0148	< 0.05					0		5	
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0		5	
164.10	Maltose, HPAEC PAD (%)	0297	0.1350	0.0500				1		0	
164.99	Maltose, Miscellaneous (%)	0148	< 0.05					0		5	
164.99	Maltose, Miscellaneous (%)	0227	< 0.15					0		5	
165.10	Sucrose, HPAEC PAD (%)	0297	1.275	0.0500				1		0	
165.99	Sucrose, Miscellaneous (%)	0227	1.155	0.0300				2		0	
165.99	Sucrose, Miscellaneous (%)	0148	1.555	0.0500				2		0	
166.10	Raffinose, HPAEC PAD (%)	0297	4.300	0.1800				1		0	
166.99	Raffinose, Miscellaneous (%)	0227	3.975	0.0500				1		0	
167.10	Stachyose, HPAEC PAD (%)	0297	0.7850	0.0500				1		0	
167.99	Stachyose, Miscellaneous (%)	0227	0.7650	0.0100				1		0	
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	< 1					0		5	
354.01	Decoquinatate, LC (UV or FL) (ppm)	0910	< 0.3					0		5	
365.02	Monensin, LC (ppm)	0910	< 0.1					0		5	
367.99	Nicarbazin, Miscellaneous (ppm)	0910	< 0.1					0		5	
388.03	Tylosin, LC (ppm)	0910	< 0.6					0		5	
392.99	Fenbendazole, Miscellaneous (ppm)	0910	< 1					0		5	
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5310	0.0140	0.5546	0.0118	0.0030	10	-2.01	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0941	0.5410	0.0000	0.5546	0.0118	0.0030	10	-1.16	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5490	0.0080	0.5546	0.0118	0.0030	10	-0.48	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5517	0.0002	0.5546	0.0118	0.0030	10	-0.25	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5530	0.0020	0.5546	0.0118	0.0030	10	-0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5589	0.0003	0.5546	0.0118	0.0030	10	0.36	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5594	0.0020	0.5546	0.0118	0.0030	10	0.40	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.5615	0.0010	0.5546	0.0118	0.0030	10	0.58	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5650	0.0020	0.5546	0.0118	0.0030	10	0.88	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5700	0.0000	0.5546	0.0118	0.0030	10	1.30	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5147	0.0851	0.5546	0.0118	0.0030	10	-3.39	4%	1
400.99	Water Activity, Miscellaneous (Units)	0676	0.5490	0.0000				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.0270	0.0400				2			0
516.00	Arsenic, Total (As), AA, Hydride (ppm)	2022	0.0619	0.0077				2			0
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	< 0.05					0			5
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	< 0.05					0			5
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.0376	0.0153				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0199	0.0650	0.0100				3			0
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.0675	0.0090				3			0
518.34	Cadmium, AAS, Graphite furnace (ppm)	2022	0.0519	0.0002				1			0
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.0494	0.0033				1			0
518.42	Cadmium, ICP, Open vessel (ppm)	2433	0.0585	0.0030				1			0
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.0438	0.0152				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.0950	0.0000				2			0
518.43	Cadmium, ICP, Microwave (ppm)	0682	< 0.2					2			5
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.0528	0.0031				1			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0199	0.0460	0.0020				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.0570	0.0040				3			0
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.0577	0.0136				3			0
518.99	Cadmium, Miscellaneous (ppm)	2114	0.0591	0.0011				1			0
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	9.511	0.1449				1			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	4.530	0.2000				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	9.232	1.934				3			0
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	13.65	0.7000				3			0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	4.925	4.071	12.68	5.782	2.283	7	-1.34	31%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	9.810	0.2600	12.68	5.782	2.283	7	-0.50	11%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	11.63	0.2140	12.68	5.782	2.283	7	-0.18	4%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	12.00	4.000	12.68	5.782	2.283	7	-0.12	3%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	13.11	0.1200	12.68	5.782	2.283	7	0.07	2%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	15.94	0.0000	12.68	5.782	2.283	7	0.56	13%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0964	141.5	5.033	12.68	5.782	2.283	7	22.28	508%	0
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	1.410	0.0563				1			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0199	2.555	0.0900				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	8.778	1.082				3			0
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	14.00	1.200				3			0
526.34	Lead, AAS, Graphite furnace (ppm)	2022	0.2276	0.0075				1			0
526.41	Lead, ICP, Dry ash (ppm)	0407	0.3263	0.0605				1			0
526.42	Lead, ICP, Open vessel (ppm)	2433	0.1675	0.0430				1			0
526.43	Lead, ICP, Microwave (ppm)	0407	0.2728	0.0230				1			0
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1			5
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1202	0.0290				1			0
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	< 0.1					1			5
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.1160	0.0127				3			0

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
526.53	Lead, ICP-MS, Microwave (ppm)	0199	0.1450	0.0100				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1460	0.0040				3		0	
529.99	Mercury, Miscellaneous (ppb)	0407	9.527	0.3909				2		0	
529.99	Mercury, Miscellaneous (ppb)	0227	10.20	0.2000				2		0	
529.99	Mercury, Miscellaneous (ppb)	0910	< 0.01					2		5	
529.99	Mercury, Miscellaneous (ppb)	0199	< 50					2		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					2		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	5.264	0.3400				1		0	
539.42	Nickel, ICP, Open vessel (ppm)	2433	5.510	0.1770				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	3.624	1.953	4.922	1.436	1.354	4		0	
539.43	Nickel, ICP, Microwave (ppm)	0226	3.745	0.1100	4.922	1.436	1.354	4		0	
539.43	Nickel, ICP, Microwave (ppm)	0297	6.000	2.000	4.922	1.436	1.354	4		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	6.320	0.0000	4.922	1.436	1.354	4		0	
539.43	Nickel, ICP, Microwave (ppm)	0964	46.89	2.421	4.922	1.436	1.354	4		2	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.302	0.0031				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	3.890	0.2365				1		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	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0676	< 0.01					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0226	0.0286	0.0004				2		0	
714.99	Myristic Acid (14:0), Miscellaneous (% (w/w))	0164	0.0345	0.0010				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	1.082	0.0137				2		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	1.104	0.0500				2		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	0.0225	0.0010				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0225	0.0010				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0241	0.0003				3		0	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.1305	0.0090				2		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.1341	0.0013				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.7050	0.0380				2		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.7251	0.0084				2		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0164	2.111	0.0730				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0676	2.275	0.0910				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (% (w/w))	0226	2.276	0.0231				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0676	0.0190	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0226	0.0203	0.0000				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (% (w/w))	0164	0.0205	0.0010				3		0	
730.99	Arachidic Acid (20:0), Miscellaneous (% (w/w))	0226	0.0164	0.0005				1		0	

Method Code	Analyte Name and Method (Units)	Lab Code	Lab Data		Robust* Method Values				AAFCO PT Z Score	Threshold %RSD	Flag
			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
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	< 0.005					0		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (% (w/w))	0226	0.0141	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-22:5), Miscellaneous (% (w/w))	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (% (w/w))	0226	0.0105	0.0002				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 (% (w/w))	0676	0.0000	0.0000				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c,19c-22:6), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0164	0.0365	0.0230				1		0	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (% (w/w))	0226	< 0.005					1		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0676	0.0200	0.0000				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids, Miscellaneous (% (w/w))	0164	0.0220	0.0000				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0164	2.119	0.0740				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids, Miscellaneous (% (w/w))	0676	2.305	0.0300				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (% (w/w))	0164	1.329	0.0660				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	0.8180	0.0660				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellaneous (% (w/w))	0164	2.161	0.0540				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (% (w/w))	0164	4.526	0.1940				1		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0164	4.327	0.1850				2		0	
772.99	Total Fatty Acids, Miscellaneous (% (w/w))	0226	4.331	0.0447				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) and Green = Z <= 2 and >= -2 (OK at 95%).

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.

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.