



AAFCO
Association of American Feed Control Officials



Animal Feed Scheme

Deer Feed, Medicated

Test Material Code # 202331

Method Proficiency Testing Report

Labs Reporting: 171

Methods Reported 398

Issue Date : 12/31/2023

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	0.2500	0.1000	1.400	0.9095	0.1200	5		0	
000.02	Urea, As protein, Colorimetric (%)	0875	0.7200	0.0200	1.400	0.9095	0.1200	5		0	
000.02	Urea, As protein, Colorimetric (%)	2246	1.505	0.1700	1.400	0.9095	0.1200	5		0	
000.02	Urea, As protein, Colorimetric (%)	0964	2.150	0.2600	1.400	0.9095	0.1200	5		0	
000.02	Urea, As protein, Colorimetric (%)	0171	2.375	0.0500	1.400	0.9095	0.1200	5		0	
000.99	Urea, Miscellaneous (%)	2246	1.505	0.1700				1		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0169	9.175	0.0100	9.304	0.1015	0.0119	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0027	9.283	0.0270	9.304	0.1015	0.0119	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0407	9.342	0.0007	9.304	0.1015	0.0119	4		0	
001.00	Loss on Drying, Vac 95°C 5 hr (%)	0504	9.415	0.0100	9.304	0.1015	0.0119	4		0	
001.03	Loss on Drying, Low temp. methods (%)	0843	8.820	0.2400				2		0	
001.03	Loss on Drying, Low temp. methods (%)	0619	9.240	0.0200				2		0	
001.05	Loss on Drying, LECO (%)	0644	9.189	0.0060				1		0	
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0278	7.085	0.0100	9.244	0.2308	0.0642	46	-9.36	12%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0613	8.375	0.0300	9.244	0.2308	0.0642	46	-3.77	5%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0643	8.642	0.0140	9.244	0.2308	0.0642	46	-2.61	3%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0843	8.820	0.2400	9.244	0.2308	0.0642	46	-1.84	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0345	8.830	0.1600	9.244	0.2308	0.0642	46	-1.80	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0034	8.880	0.0600	9.244	0.2308	0.0642	46	-1.58	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0226	8.950	0.0000	9.244	0.2308	0.0642	46	-1.28	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0074	8.955	0.0900	9.244	0.2308	0.0642	46	-1.25	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0413	9.020	0.0800	9.244	0.2308	0.0642	46	-0.97	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0596	9.040	0.0200	9.244	0.2308	0.0642	46	-0.89	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0353	9.070	0.0000	9.244	0.2308	0.0642	46	-0.76	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2146	9.135	0.0700	9.244	0.2308	0.0642	46	-0.47	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0853	9.150	0.1000	9.244	0.2308	0.0642	46	-0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0049	9.165	0.0700	9.244	0.2308	0.0642	46	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0675	9.165	0.0300	9.244	0.2308	0.0642	46	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0066	9.167	0.1280	9.244	0.2308	0.0642	46	-0.34	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0512	9.196	0.0640	9.244	0.2308	0.0642	46	-0.21	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2259	9.235	0.0570	9.244	0.2308	0.0642	46	-0.04	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2195	9.245	0.0500	9.244	0.2308	0.0642	46	0.00	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2192	9.265	0.0300	9.244	0.2308	0.0642	46	0.09	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 (%)	0038	9.270	0.2800	9.244	0.2308	0.0642	46	0.11	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0089	9.280	0.0200	9.244	0.2308	0.0642	46	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2190	9.280	0.0000	9.244	0.2308	0.0642	46	0.15	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0505	9.285	0.0100	9.244	0.2308	0.0642	46	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2144	9.285	0.0100	9.244	0.2308	0.0642	46	0.18	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0682	9.300	0.0000	9.244	0.2308	0.0642	46	0.24	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2009	9.319	0.0014	9.244	0.2308	0.0642	46	0.32	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0003	9.320	0.3400	9.244	0.2308	0.0642	46	0.33	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0581	9.325	0.0100	9.244	0.2308	0.0642	46	0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0876	9.325	0.0500	9.244	0.2308	0.0642	46	0.35	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0033	9.330	0.0200	9.244	0.2308	0.0642	46	0.37	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0148	9.335	0.0700	9.244	0.2308	0.0642	46	0.39	0%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0035	9.340	0.1000	9.244	0.2308	0.0642	46	0.41	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0297	9.350	0.1200	9.244	0.2308	0.0642	46	0.46	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0171	9.355	0.0100	9.244	0.2308	0.0642	46	0.48	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0083	9.365	0.0500	9.244	0.2308	0.0642	46	0.52	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0571	9.415	0.0100	9.244	0.2308	0.0642	46	0.74	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2059	9.425	0.0100	9.244	0.2308	0.0642	46	0.78	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2109	9.440	0.1000	9.244	0.2308	0.0642	46	0.85	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0098	9.465	0.0500	9.244	0.2308	0.0642	46	0.96	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0028	9.500	0.0600	9.244	0.2308	0.0642	46	1.11	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0689	9.500	0.0000	9.244	0.2308	0.0642	46	1.11	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0407	9.517	0.0597	9.244	0.2308	0.0642	46	1.18	1%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0045	9.625	0.2500	9.244	0.2308	0.0642	46	1.65	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0872	9.630	0.1000	9.244	0.2308	0.0642	46	1.67	2%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	2345	11.05	0.1600	9.244	0.2308	0.0642	46	7.82	10%	0
001.07	Loss on Drying, 104°C 3 hr, in malt (%)	0693	9.961	0.8690	9.244	0.2308	0.0642	46	3.10	4%	1
001.08	Loss on Drying, 102°C 16 hr, in meat (%)	0921	9.650	0.0400				1			0
001.99	Loss on Drying, Miscellaneous (%)	0618	7.700	0.0800	9.280	0.5281	0.1103	19	-2.99	9%	0
001.99	Loss on Drying, Miscellaneous (%)	0889	8.555	0.2300	9.280	0.5281	0.1103	19	-1.37	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0596	8.640	0.2400	9.280	0.5281	0.1103	19	-1.21	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0676	8.795	0.0100	9.280	0.5281	0.1103	19	-0.92	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0918	8.965	0.0700	9.280	0.5281	0.1103	19	-0.60	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0610	9.040	0.0200	9.280	0.5281	0.1103	19	-0.45	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0510	9.100	0.0000	9.280	0.5281	0.1103	19	-0.34	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0186	9.113	0.2114	9.280	0.5281	0.1103	19	-0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0948	9.200	0.0400	9.280	0.5281	0.1103	19	-0.15	0%	0
001.99	Loss on Drying, Miscellaneous (%)	0910	9.400	0.0000	9.280	0.5281	0.1103	19	0.23	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2246	9.410	0.0800	9.280	0.5281	0.1103	19	0.25	1%	0
001.99	Loss on Drying, Miscellaneous (%)	2319	9.450	0.1000	9.280	0.5281	0.1103	19	0.32	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0357	9.486	0.0459	9.280	0.5281	0.1103	19	0.39	1%	0
001.99	Loss on Drying, Miscellaneous (%)	0852	9.500	0.1000	9.280	0.5281	0.1103	19	0.42	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
001.99	Loss on Drying, Miscellaneous (%)	0914	9.575	0.1900	9.280	0.5281	0.1103	19	0.56	2%	0
001.99	Loss on Drying, Miscellaneous (%)	2268	9.675	0.0500	9.280	0.5281	0.1103	19	0.75	2%	0
001.99	Loss on Drying, Miscellaneous (%)	0019	9.805	0.4400	9.280	0.5281	0.1103	19	0.99	3%	0
001.99	Loss on Drying, Miscellaneous (%)	0536	10.05	0.0500	9.280	0.5281	0.1103	19	1.45	4%	0
001.99	Loss on Drying, Miscellaneous (%)	0629	10.13	0.1100	9.280	0.5281	0.1103	19	1.60	5%	0
001.99	Loss on Drying, Miscellaneous (%)	2155	8.440	0.8400	9.280	0.5281	0.1103	19	-1.59	5%	1
002.00	Protein, Crude, Crude (%)	2345	16.59	0.0400				3			0
002.00	Protein, Crude, Crude (%)	0169	22.39	0.1900				3			0
002.00	Protein, Crude, Crude (%)	2433	23.05	0.1000				3			0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0848	21.72	0.0400	22.24	0.3187	0.1533	16	-1.65	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2193	21.81	0.1600	22.24	0.3187	0.1533	16	-1.35	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0889	21.82	0.2000	22.24	0.3187	0.1533	16	-1.32	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0910	22.00	0.2000	22.24	0.3187	0.1533	16	-0.76	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2195	22.14	0.3700	22.24	0.3187	0.1533	16	-0.33	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0968	22.18	0.0100	22.24	0.3187	0.1533	16	-0.21	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0870	22.21	0.3090	22.24	0.3187	0.1533	16	-0.11	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2188	22.25	0.0800	22.24	0.3187	0.1533	16	0.03	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2196	22.29	0.0000	22.24	0.3187	0.1533	16	0.15	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0674	22.32	0.0000	22.24	0.3187	0.1533	16	0.25	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0610	22.40	0.0000	22.24	0.3187	0.1533	16	0.50	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2434	22.41	0.0000	22.24	0.3187	0.1533	16	0.53	0%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0652	22.50	0.0000	22.24	0.3187	0.1533	16	0.81	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2259	22.50	0.1890	22.24	0.3187	0.1533	16	0.82	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0164	22.57	0.1300	22.24	0.3187	0.1533	16	1.02	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	2325	22.71	0.0300	22.24	0.3187	0.1533	16	1.46	1%	0
002.01	Protein, Crude, Auto Kjell-Foss (%)	0685	15.70	0.2000	22.24	0.3187	0.1533	16	-20.52	15%	2
002.02	Protein, Crude, Semiauto Autoanalyzer (%)	0066	22.37	0.0600				1			0
002.03	Protein, Crude, Hach Method (%)	0536	20.52	0.0400				1			0
002.04	Protein, Crude, Copper Catalyst (%)	0504	22.89	0.1300				1			0
002.05	Protein, Crude, Copper, Boric Acid (%)	0921	21.52	0.3400	22.21	0.2149	0.0988	28	-3.19	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2181	21.67	0.2200	22.21	0.2149	0.0988	28	-2.49	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0563	21.72	0.0342	22.21	0.2149	0.0988	28	-2.28	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0354	21.99	0.0500	22.21	0.2149	0.0988	28	-1.03	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2246	22.01	0.0100	22.21	0.2149	0.0988	28	-0.93	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2190	22.05	0.3000	22.21	0.2149	0.0988	28	-0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2192	22.09	0.0300	22.21	0.2149	0.0988	28	-0.56	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2109	22.10	0.1700	22.21	0.2149	0.0988	28	-0.51	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2199	22.10	0.0000	22.21	0.2149	0.0988	28	-0.49	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0722	22.12	0.1854	22.21	0.2149	0.0988	28	-0.40	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0689	22.15	0.1000	22.21	0.2149	0.0988	28	-0.26	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0536	22.17	0.0100	22.21	0.2149	0.0988	28	-0.19	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0948	22.18	0.0400	22.21	0.2149	0.0988	28	-0.12	0%	0

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002.05	Protein, Crude, Copper, Boric Acid (%)	2144	22.20	0.0900	22.21	0.2149	0.0988	28	-0.05	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0939	22.20	0.1800	22.21	0.2149	0.0988	28	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2200	22.20	0.2000	22.21	0.2149	0.0988	28	-0.02	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2340	22.24	0.0160	22.21	0.2149	0.0988	28	0.17	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2022	22.26	0.0200	22.21	0.2149	0.0988	28	0.25	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2337	22.28	0.0300	22.21	0.2149	0.0988	28	0.32	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0885	22.29	0.1621	22.21	0.2149	0.0988	28	0.41	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0643	22.35	0.0020	22.21	0.2149	0.0988	28	0.67	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2009	22.36	0.0280	22.21	0.2149	0.0988	28	0.71	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2446	22.36	0.2590	22.21	0.2149	0.0988	28	0.72	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0619	22.40	0.0000	22.21	0.2149	0.0988	28	0.91	0%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0622	22.45	0.0805	22.21	0.2149	0.0988	28	1.15	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2146	22.53	0.0300	22.21	0.2149	0.0988	28	1.49	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0651	22.55	0.0337	22.21	0.2149	0.0988	28	1.61	1%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	0852	22.96	0.0000	22.21	0.2149	0.0988	28	3.51	2%	0
002.05	Protein, Crude, Copper, Boric Acid (%)	2006	22.32	0.5200	22.21	0.2149	0.0988	28	0.53	0%	1
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0914	21.30	0.6000	22.57	0.3152	0.2100	113	-4.04	3%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0038	21.75	0.1000	22.57	0.3152	0.2100	113	-2.61	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0574	21.94	0.0400	22.57	0.3152	0.2100	113	-2.01	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0953	21.95	0.0100	22.57	0.3152	0.2100	113	-1.99	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0692	21.95	0.5000	22.57	0.3152	0.2100	113	-1.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0003	21.98	0.1500	22.57	0.3152	0.2100	113	-1.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0297	21.98	0.1000	22.57	0.3152	0.2100	113	-1.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0539	22.04	0.0400	22.57	0.3152	0.2100	113	-1.69	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0848	22.05	0.1000	22.57	0.3152	0.2100	113	-1.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0956	22.05	0.1000	22.57	0.3152	0.2100	113	-1.66	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0613	22.08	0.2400	22.57	0.3152	0.2100	113	-1.56	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0010	22.15	0.1000	22.57	0.3152	0.2100	113	-1.34	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0948	22.16	0.0900	22.57	0.3152	0.2100	113	-1.32	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0872	22.16	0.0530	22.57	0.3152	0.2100	113	-1.29	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0676	22.19	0.0000	22.57	0.3152	0.2100	113	-1.21	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0941	22.21	0.2500	22.57	0.3152	0.2100	113	-1.17	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0598	22.22	0.5900	22.57	0.3152	0.2100	113	-1.13	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2303	22.23	0.1100	22.57	0.3152	0.2100	113	-1.10	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0100	22.25	0.1200	22.57	0.3152	0.2100	113	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0202	22.25	0.7000	22.57	0.3152	0.2100	113	-1.02	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2326	22.29	0.4300	22.57	0.3152	0.2100	113	-0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0042	22.30	0.4000	22.57	0.3152	0.2100	113	-0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2059	22.31	0.1063	22.57	0.3152	0.2100	113	-0.82	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0505	22.32	0.5000	22.57	0.3152	0.2100	113	-0.80	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0263	22.33	0.0290	22.57	0.3152	0.2100	113	-0.77	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0870	22.34	0.5750	22.57	0.3152	0.2100	113	-0.73	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	
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0047	22.35	0.1600	22.57	0.3152	0.2100	113	-0.71	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0089	22.37	0.0000	22.57	0.3152	0.2100	113	-0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0520	22.38	0.2500	22.57	0.3152	0.2100	113	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0693	22.38	0.0000	22.57	0.3152	0.2100	113	-0.63	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0144	22.39	0.0100	22.57	0.3152	0.2100	113	-0.59	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0511	22.39	0.0800	22.57	0.3152	0.2100	113	-0.58	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0884	22.40	0.2000	22.57	0.3152	0.2100	113	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0910	22.40	0.6000	22.57	0.3152	0.2100	113	-0.55	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2089	22.43	0.1100	22.57	0.3152	0.2100	113	-0.47	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2168	22.44	0.7900	22.57	0.3152	0.2100	113	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	1019	22.44	0.1300	22.57	0.3152	0.2100	113	-0.44	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0675	22.44	0.0600	22.57	0.3152	0.2100	113	-0.42	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0939	22.45	0.1300	22.57	0.3152	0.2100	113	-0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2155	22.48	0.3810	22.57	0.3152	0.2100	113	-0.30	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2181	22.49	0.1500	22.57	0.3152	0.2100	113	-0.28	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0035	22.49	0.1800	22.57	0.3152	0.2100	113	-0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0619	22.50	0.2000	22.57	0.3152	0.2100	113	-0.23	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0546	22.51	0.3340	22.57	0.3152	0.2100	113	-0.21	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0108	22.52	0.2200	22.57	0.3152	0.2100	113	-0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2302	22.53	0.0600	22.57	0.3152	0.2100	113	-0.13	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0300	22.55	0.1900	22.57	0.3152	0.2100	113	-0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0229	22.55	0.3000	22.57	0.3152	0.2100	113	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0345	22.55	0.5000	22.57	0.3152	0.2100	113	-0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0004	22.57	0.0300	22.57	0.3152	0.2100	113	-0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0027	22.57	0.2344	22.57	0.3152	0.2100	113	0.00	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0353	22.58	0.0200	22.57	0.3152	0.2100	113	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0512	22.58	0.2000	22.57	0.3152	0.2100	113	0.02	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0074	22.60	0.2300	22.57	0.3152	0.2100	113	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0164	22.60	0.1900	22.57	0.3152	0.2100	113	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0626	22.60	0.1110	22.57	0.3152	0.2100	113	0.07	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0859	22.60	0.0980	22.57	0.3152	0.2100	113	0.08	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0049	22.60	0.6000	22.57	0.3152	0.2100	113	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0510	22.60	0.0000	22.57	0.3152	0.2100	113	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0610	22.60	0.0000	22.57	0.3152	0.2100	113	0.09	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0876	22.61	0.0500	22.57	0.3152	0.2100	113	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0294	22.61	0.3500	22.57	0.3152	0.2100	113	0.10	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0504	22.63	0.2300	22.57	0.3152	0.2100	113	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0687	22.63	0.2500	22.57	0.3152	0.2100	113	0.17	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0011	22.63	0.3200	22.57	0.3152	0.2100	113	0.18	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0036	22.64	0.1410	22.57	0.3152	0.2100	113	0.20	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0968	22.65	0.0200	22.57	0.3152	0.2100	113	0.25	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2319	22.65	0.1000	22.57	0.3152	0.2100	113	0.25	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	0354	22.66	0.0900	22.57	0.3152	0.2100	113	0.26	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0001	22.67	0.1100	22.57	0.3152	0.2100	113	0.29	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0508	22.68	0.0290	22.57	0.3152	0.2100	113	0.33	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0413	22.70	0.4000	22.57	0.3152	0.2100	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2349	22.70	0.0000	22.57	0.3152	0.2100	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0843	22.70	0.8000	22.57	0.3152	0.2100	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0880	22.70	0.2000	22.57	0.3152	0.2100	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2388	22.70	0.2000	22.57	0.3152	0.2100	113	0.40	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0278	22.72	0.2700	22.57	0.3152	0.2100	113	0.45	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0682	22.73	0.0000	22.57	0.3152	0.2100	113	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2150	22.73	0.1000	22.57	0.3152	0.2100	113	0.50	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0964	22.74	0.2200	22.57	0.3152	0.2100	113	0.53	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0045	22.75	0.9000	22.57	0.3152	0.2100	113	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0171	22.75	0.0600	22.57	0.3152	0.2100	113	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0242	22.75	1.060	22.57	0.3152	0.2100	113	0.56	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0571	22.77	0.2300	22.57	0.3152	0.2100	113	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2246	22.77	0.0100	22.57	0.3152	0.2100	113	0.61	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0226	22.78	0.0900	22.57	0.3152	0.2100	113	0.64	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2268	22.78	0.1600	22.57	0.3152	0.2100	113	0.66	0%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0033	22.80	0.2000	22.57	0.3152	0.2100	113	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0098	22.80	0.2000	22.57	0.3152	0.2100	113	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0017	22.80	0.0000	22.57	0.3152	0.2100	113	0.72	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0019	22.81	0.1650	22.57	0.3152	0.2100	113	0.75	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0407	22.82	0.2530	22.57	0.3152	0.2100	113	0.78	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2213	22.84	0.4200	22.57	0.3152	0.2100	113	0.85	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0123	22.85	0.0100	22.57	0.3152	0.2100	113	0.86	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0018	22.85	0.4400	22.57	0.3152	0.2100	113	0.88	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0918	22.86	0.2100	22.57	0.3152	0.2100	113	0.90	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0726	22.86	0.0600	22.57	0.3152	0.2100	113	0.91	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0148	22.88	0.2190	22.57	0.3152	0.2100	113	0.97	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0026	22.91	0.3900	22.57	0.3152	0.2100	113	1.07	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0541	22.93	0.3900	22.57	0.3152	0.2100	113	1.12	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0358	22.97	0.1300	22.57	0.3152	0.2100	113	1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0357	22.97	0.0187	22.57	0.3152	0.2100	113	1.25	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0529	22.98	0.2500	22.57	0.3152	0.2100	113	1.28	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0083	22.99	0.0900	22.57	0.3152	0.2100	113	1.31	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2076	23.02	0.3140	22.57	0.3152	0.2100	113	1.42	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2129	23.07	0.0440	22.57	0.3152	0.2100	113	1.58	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0186	23.08	0.0500	22.57	0.3152	0.2100	113	1.59	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0190	23.11	0.1000	22.57	0.3152	0.2100	113	1.71	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0034	23.12	0.6800	22.57	0.3152	0.2100	113	1.74	1%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0618	23.15	0.8300	22.57	0.3152	0.2100	113	1.82	1%	0

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002.06	Protein, Crude, Combustion Nitrogen Analyzer	2109	23.56	0.0900	22.57	0.3152	0.2100	113	3.12	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2359	23.60	0.2000	22.57	0.3152	0.2100	113	3.26	2%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	0853	24.80	0.4000	22.57	0.3152	0.2100	113	7.07	5%	0
002.06	Protein, Crude, Combustion Nitrogen Analyzer	2459	21.39	3.960	22.57	0.3152	0.2100	113	-3.75	3%	1
002.08	Protein, Crude, Cu/Ti (%)	0563	21.87	0.0377				2			0
002.08	Protein, Crude, Cu/Ti (%)	0098	22.72	0.0300				2			0
002.10	Protein, Crude, Block dig/distillation (%)	0629	22.18	0.0400				1			0
002.11	Protein, Crude, NIR (%)	0297	21.25	0.0900	22.84	1.421	0.1100	4			0
002.11	Protein, Crude, NIR (%)	0889	22.48	0.2100	22.84	1.421	0.1100	4			0
002.11	Protein, Crude, NIR (%)	0852	22.96	0.0000	22.84	1.421	0.1100	4			0
002.11	Protein, Crude, NIR (%)	0613	24.68	0.0300	22.84	1.421	0.1100	4			0
002.99	Protein, Crude, Miscellaneous (%)	2276	14.77	0.1300				1			0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2190	3.460	0.2400	3.778	0.2731	0.0957	8	-1.16	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2192	3.550	0.0600	3.778	0.2731	0.0957	8	-0.83	3%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0345	3.615	0.1900	3.778	0.2731	0.0957	8	-0.60	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2325	3.645	0.0100	3.778	0.2731	0.0957	8	-0.49	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2337	3.890	0.0000	3.778	0.2731	0.0957	8	0.41	1%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0885	3.914	0.0302	3.778	0.2731	0.0957	8	0.50	2%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	0017	4.050	0.1000	3.778	0.2731	0.0957	8	1.00	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2109	4.100	0.0400	3.778	0.2731	0.0957	8	1.18	4%	0
003.00	Fat, Crude, Diethyl Ether Ext., Direct (%)	2359	4.300	0.6000	3.778	0.2731	0.0957	8	1.91	7%	1
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0504	3.280	0.4600				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0563	3.776	0.0577				3			0
003.01	Fat, Crude, Diethyl Ether Ext (13th ed.), Indirec	0164	3.990	0.0800				3			0
003.06	Fat, Crude, Pet Ether (%)	0169	3.280	0.1000	3.640	0.2623	0.1297	17	-1.37	5%	0
003.06	Fat, Crude, Pet Ether (%)	0968	3.350	0.0400	3.640	0.2623	0.1297	17	-1.11	4%	0
003.06	Fat, Crude, Pet Ether (%)	0674	3.400	0.0000	3.640	0.2623	0.1297	17	-0.92	3%	0
003.06	Fat, Crude, Pet Ether (%)	0884	3.450	0.1000	3.640	0.2623	0.1297	17	-0.72	3%	0
003.06	Fat, Crude, Pet Ether (%)	0229	3.480	0.4000	3.640	0.2623	0.1297	17	-0.61	2%	0
003.06	Fat, Crude, Pet Ether (%)	0939	3.495	0.0100	3.640	0.2623	0.1297	17	-0.55	2%	0
003.06	Fat, Crude, Pet Ether (%)	0294	3.520	0.3200	3.640	0.2623	0.1297	17	-0.46	2%	0
003.06	Fat, Crude, Pet Ether (%)	2181	3.600	0.0600	3.640	0.2623	0.1297	17	-0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	0689	3.600	0.0000	3.640	0.2623	0.1297	17	-0.15	1%	0
003.06	Fat, Crude, Pet Ether (%)	0297	3.615	0.0300	3.640	0.2623	0.1297	17	-0.10	0%	0
003.06	Fat, Crude, Pet Ether (%)	2340	3.625	0.0310	3.640	0.2623	0.1297	17	-0.06	0%	0
003.06	Fat, Crude, Pet Ether (%)	0644	3.769	0.0240	3.640	0.2623	0.1297	17	0.49	2%	0
003.06	Fat, Crude, Pet Ether (%)	0910	3.865	0.1900	3.640	0.2623	0.1297	17	0.86	3%	0
003.06	Fat, Crude, Pet Ether (%)	0682	3.890	0.0000	3.640	0.2623	0.1297	17	0.95	3%	0
003.06	Fat, Crude, Pet Ether (%)	0687	3.945	0.1100	3.640	0.2623	0.1297	17	1.16	4%	0
003.06	Fat, Crude, Pet Ether (%)	0918	3.965	0.3700	3.640	0.2623	0.1297	17	1.24	4%	0
003.06	Fat, Crude, Pet Ether (%)	0675	4.100	0.1400	3.640	0.2623	0.1297	17	1.75	6%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0011	3.440	0.2200	3.717	0.1481	0.1610	10	-1.87	4%	0

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003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0004	3.580	0.2800	3.717	0.1481	0.1610	10	-0.92	2%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0353	3.620	0.0200	3.717	0.1481	0.1610	10	-0.65	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0948	3.665	0.1300	3.717	0.1481	0.1610	10	-0.35	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	2349	3.725	0.1900	3.717	0.1481	0.1610	10	0.05	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0354	3.730	0.0800	3.717	0.1481	0.1610	10	0.09	0%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0512	3.791	0.1110	3.717	0.1481	0.1610	10	0.50	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0685	3.800	0.0600	3.717	0.1481	0.1610	10	0.56	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0098	3.825	0.1900	3.717	0.1481	0.1610	10	0.73	1%	0
003.09	Fat, Crude, Randall, Diethyl Ether Ext (%)	0964	4.015	0.3900	3.717	0.1481	0.1610	10	2.01	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0242	3.060	0.2200	3.517	0.2439	0.1014	31	-1.87	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0042	3.085	0.0300	3.517	0.2439	0.1014	31	-1.77	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0123	3.215	0.0700	3.517	0.2439	0.1014	31	-1.24	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0619	3.280	0.1600	3.517	0.2439	0.1014	31	-0.97	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2155	3.285	0.0630	3.517	0.2439	0.1014	31	-0.95	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0622	3.317	0.0154	3.517	0.2439	0.1014	31	-0.82	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0693	3.334	0.1170	3.517	0.2439	0.1014	31	-0.75	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0036	3.359	0.0739	3.517	0.2439	0.1014	31	-0.65	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0263	3.362	0.0210	3.517	0.2439	0.1014	31	-0.64	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2022	3.395	0.0100	3.517	0.2439	0.1014	31	-0.50	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0098	3.405	0.0900	3.517	0.2439	0.1014	31	-0.46	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0045	3.410	0.0400	3.517	0.2439	0.1014	31	-0.44	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2009	3.433	0.0038	3.517	0.2439	0.1014	31	-0.35	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0541	3.465	0.1100	3.517	0.2439	0.1014	31	-0.21	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2196	3.470	0.0000	3.517	0.2439	0.1014	31	-0.19	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2188	3.530	0.0800	3.517	0.2439	0.1014	31	0.05	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0870	3.532	0.0317	3.517	0.2439	0.1014	31	0.06	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2434	3.550	0.0000	3.517	0.2439	0.1014	31	0.14	0%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0100	3.555	0.0900	3.517	0.2439	0.1014	31	0.16	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0148	3.560	0.4200	3.517	0.2439	0.1014	31	0.18	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0889	3.565	0.3300	3.517	0.2439	0.1014	31	0.20	1%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2195	3.640	0.2000	3.517	0.2439	0.1014	31	0.50	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0689	3.650	0.1000	3.517	0.2439	0.1014	31	0.55	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2193	3.680	0.0200	3.517	0.2439	0.1014	31	0.67	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2446	3.688	0.1890	3.517	0.2439	0.1014	31	0.70	2%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0610	3.760	0.1400	3.517	0.2439	0.1014	31	1.00	3%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0629	3.770	0.0200	3.517	0.2439	0.1014	31	1.04	4%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0676	3.870	0.1400	3.517	0.2439	0.1014	31	1.45	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	2319	3.900	0.0000	3.517	0.2439	0.1014	31	1.57	5%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0618	3.925	0.2700	3.517	0.2439	0.1014	31	1.67	6%	0
003.10	Fat, Crude, Randall, Pet Ether (%)	0848	3.990	0.1200	3.517	0.2439	0.1014	31	1.94	7%	0
003.11	Fat, Crude, NIR (%)	0613	3.365	0.0100	4.075	0.8827	0.0267	4			0
003.11	Fat, Crude, NIR (%)	0889	3.405	0.0300	4.075	0.8827	0.0267	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			
003.11	Fat, Crude, NIR (%)	0297	4.300	0.0400	4.075	0.8827	0.0267	4			0
003.11	Fat, Crude, NIR (%)	0852	5.230	0.0000	4.075	0.8827	0.0267	4			0
003.12	Fat, Crude, Hexane Ext (%)	2200	3.050	0.1000	3.784	0.5341	0.0775	4			0
003.12	Fat, Crude, Hexane Ext (%)	2326	3.850	0.0400	3.784	0.5341	0.0775	4			0
003.12	Fat, Crude, Hexane Ext (%)	0171	3.905	0.0500	3.784	0.5341	0.0775	4			0
003.12	Fat, Crude, Hexane Ext (%)	2199	4.330	0.1200	3.784	0.5341	0.0775	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2006	3.555	0.0300	3.660	0.1589	0.0246	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0028	3.580	0.0000	3.660	0.1589	0.0246	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0098	3.610	0.0000	3.660	0.1589	0.0246	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	0870	3.896	0.0191	3.660	0.1589	0.0246	4			0
003.13	Fat, Crude, Randall, Hexane Ext. (%)	2246	6.480	0.4000	3.660	0.1589	0.0246	4			2
003.14	Fat, Crude, Ankom (%)	0613	1.880	0.2400	3.608	0.2146	0.1109	57	-8.05	24%	0
003.14	Fat, Crude, Ankom (%)	2433	2.459	0.0339	3.608	0.2146	0.1109	57	-5.36	16%	0
003.14	Fat, Crude, Ankom (%)	2459	2.660	0.0800	3.608	0.2146	0.1109	57	-4.42	13%	0
003.14	Fat, Crude, Ankom (%)	2359	3.000	0.0000	3.608	0.2146	0.1109	57	-2.83	8%	0
003.14	Fat, Crude, Ankom (%)	0026	3.185	0.6900	3.608	0.2146	0.1109	57	-1.97	6%	0
003.14	Fat, Crude, Ankom (%)	0144	3.290	0.3000	3.608	0.2146	0.1109	57	-1.48	4%	0
003.14	Fat, Crude, Ankom (%)	2302	3.295	0.1300	3.608	0.2146	0.1109	57	-1.46	4%	0
003.14	Fat, Crude, Ankom (%)	0876	3.320	0.4800	3.608	0.2146	0.1109	57	-1.34	4%	0
003.14	Fat, Crude, Ankom (%)	0019	3.333	0.2250	3.608	0.2146	0.1109	57	-1.28	4%	0
003.14	Fat, Crude, Ankom (%)	0066	3.450	0.0200	3.608	0.2146	0.1109	57	-0.74	2%	0
003.14	Fat, Crude, Ankom (%)	0034	3.455	0.2500	3.608	0.2146	0.1109	57	-0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0108	3.455	0.4500	3.608	0.2146	0.1109	57	-0.71	2%	0
003.14	Fat, Crude, Ankom (%)	0004	3.460	0.1200	3.608	0.2146	0.1109	57	-0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0278	3.460	0.0800	3.608	0.2146	0.1109	57	-0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0574	3.460	0.0400	3.608	0.2146	0.1109	57	-0.69	2%	0
003.14	Fat, Crude, Ankom (%)	0619	3.530	0.2800	3.608	0.2146	0.1109	57	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0675	3.530	0.0800	3.608	0.2146	0.1109	57	-0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0407	3.548	0.0228	3.608	0.2146	0.1109	57	-0.28	1%	0
003.14	Fat, Crude, Ankom (%)	0529	3.550	0.1400	3.608	0.2146	0.1109	57	-0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0956	3.550	0.1000	3.608	0.2146	0.1109	57	-0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0186	3.575	0.0700	3.608	0.2146	0.1109	57	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0968	3.575	0.0100	3.608	0.2146	0.1109	57	-0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0003	3.580	0.0800	3.608	0.2146	0.1109	57	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0581	3.580	0.0200	3.608	0.2146	0.1109	57	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	2076	3.580	0.2000	3.608	0.2146	0.1109	57	-0.13	0%	0
003.14	Fat, Crude, Ankom (%)	0651	3.582	0.1964	3.608	0.2146	0.1109	57	-0.12	0%	0
003.14	Fat, Crude, Ankom (%)	0505	3.585	0.0100	3.608	0.2146	0.1109	57	-0.11	0%	0
003.14	Fat, Crude, Ankom (%)	0358	3.590	0.1400	3.608	0.2146	0.1109	57	-0.08	0%	0
003.14	Fat, Crude, Ankom (%)	2129	3.595	0.0300	3.608	0.2146	0.1109	57	-0.06	0%	0
003.14	Fat, Crude, Ankom (%)	0853	3.600	0.2000	3.608	0.2146	0.1109	57	-0.04	0%	0
003.14	Fat, Crude, Ankom (%)	0035	3.635	0.1500	3.608	0.2146	0.1109	57	0.13	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	
003.14	Fat, Crude, Ankom (%)	0074	3.640	0.0200	3.608	0.2146	0.1109	57	0.15	0%	0
003.14	Fat, Crude, Ankom (%)	0033	3.650	0.0200	3.608	0.2146	0.1109	57	0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0083	3.650	0.0200	3.608	0.2146	0.1109	57	0.20	1%	0
003.14	Fat, Crude, Ankom (%)	0148	3.665	0.2700	3.608	0.2146	0.1109	57	0.27	1%	0
003.14	Fat, Crude, Ankom (%)	0229	3.675	0.1300	3.608	0.2146	0.1109	57	0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0357	3.675	0.0900	3.608	0.2146	0.1109	57	0.31	1%	0
003.14	Fat, Crude, Ankom (%)	0089	3.680	0.0200	3.608	0.2146	0.1109	57	0.33	1%	0
003.14	Fat, Crude, Ankom (%)	0202	3.685	0.2500	3.608	0.2146	0.1109	57	0.36	1%	0
003.14	Fat, Crude, Ankom (%)	0001	3.692	0.1640	3.608	0.2146	0.1109	57	0.39	1%	0
003.14	Fat, Crude, Ankom (%)	0171	3.720	0.0200	3.608	0.2146	0.1109	57	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0848	3.720	0.0000	3.608	0.2146	0.1109	57	0.52	2%	0
003.14	Fat, Crude, Ankom (%)	0511	3.735	0.1300	3.608	0.2146	0.1109	57	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0948	3.735	0.0300	3.608	0.2146	0.1109	57	0.59	2%	0
003.14	Fat, Crude, Ankom (%)	0598	3.755	0.0500	3.608	0.2146	0.1109	57	0.68	2%	0
003.14	Fat, Crude, Ankom (%)	0009	3.790	0.0200	3.608	0.2146	0.1109	57	0.85	3%	0
003.14	Fat, Crude, Ankom (%)	2146	3.790	0.1000	3.608	0.2146	0.1109	57	0.85	3%	0
003.14	Fat, Crude, Ankom (%)	0413	3.800	0.0200	3.608	0.2146	0.1109	57	0.89	3%	0
003.14	Fat, Crude, Ankom (%)	2144	3.800	0.1000	3.608	0.2146	0.1109	57	0.89	3%	0
003.14	Fat, Crude, Ankom (%)	0682	3.810	0.0000	3.608	0.2146	0.1109	57	0.94	3%	0
003.14	Fat, Crude, Ankom (%)	0563	3.823	0.0188	3.608	0.2146	0.1109	57	1.00	3%	0
003.14	Fat, Crude, Ankom (%)	0692	3.945	0.2100	3.608	0.2146	0.1109	57	1.57	5%	0
003.14	Fat, Crude, Ankom (%)	0520	3.985	0.0900	3.608	0.2146	0.1109	57	1.76	5%	0
003.14	Fat, Crude, Ankom (%)	0510	3.990	0.1400	3.608	0.2146	0.1109	57	1.78	5%	0
003.14	Fat, Crude, Ankom (%)	0226	4.120	0.0600	3.608	0.2146	0.1109	57	2.39	7%	0
003.14	Fat, Crude, Ankom (%)	0726	4.155	0.0100	3.608	0.2146	0.1109	57	2.55	8%	0
003.14	Fat, Crude, Ankom (%)	0190	4.395	0.0500	3.608	0.2146	0.1109	57	3.67	11%	0
003.14	Fat, Crude, Ankom (%)	0049	3.540	1.220	3.608	0.2146	0.1109	57	-0.32	1%	1
003.99	Fat, Crude, Miscellaneous (%)	0880	0.4000	0.2000	4.400	4.067	0.3650	4			0
003.99	Fat, Crude, Miscellaneous (%)	0546	2.985	0.1500	4.400	4.067	0.3650	4			0
003.99	Fat, Crude, Miscellaneous (%)	0536	4.195	0.4500	4.400	4.067	0.3650	4			0
003.99	Fat, Crude, Miscellaneous (%)	1019	10.02	0.6600	4.400	4.067	0.3650	4			0
003.99	Fat, Crude, Miscellaneous (%)	2276	101.8	2.800	4.400	4.067	0.3650	4			2
004.00	Fiber, Crude, Asbestos Free (%)	0186	10.17	0.4200	11.35	0.7809	0.3500	11	-1.52	5%	0
004.00	Fiber, Crude, Asbestos Free (%)	0169	10.59	0.3200	11.35	0.7809	0.3500	11	-0.98	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2146	11.05	0.0300	11.35	0.7809	0.3500	11	-0.40	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0017	11.15	0.1000	11.35	0.7809	0.3500	11	-0.26	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0345	11.15	0.7000	11.35	0.7809	0.3500	11	-0.26	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0171	11.17	0.1900	11.35	0.7809	0.3500	11	-0.24	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	0164	11.30	0.0000	11.35	0.7809	0.3500	11	-0.07	0%	0
004.00	Fiber, Crude, Asbestos Free (%)	2359	11.55	0.1000	11.35	0.7809	0.3500	11	0.25	1%	0
004.00	Fiber, Crude, Asbestos Free (%)	2076	12.12	0.5800	11.35	0.7809	0.3500	11	0.98	3%	0
004.00	Fiber, Crude, Asbestos Free (%)	2326	12.15	0.2600	11.35	0.7809	0.3500	11	1.02	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
004.00	Fiber, Crude, Asbestos Free (%)	0884	12.50	0.8000	11.35	0.7809	0.3500	11	1.47	5%	0
004.03	Fiber, Crude, Fritted Glass (%)	0921	10.30	0.0000	11.44	0.9910	0.4633	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2089	11.37	0.5100	11.44	0.9910	0.4633	4			0
004.03	Fiber, Crude, Fritted Glass (%)	0353	11.39	0.7600	11.44	0.9910	0.4633	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2192	12.72	0.1200	11.44	0.9910	0.4633	4			0
004.03	Fiber, Crude, Fritted Glass (%)	2246	18.90	0.1600	11.44	0.9910	0.4633	4			2
004.06	Fiber, Crude, Fibertec (%)	2199	8.750	0.3000	10.83	0.5249	0.1907	18	-3.96	10%	0
004.06	Fiber, Crude, Fibertec (%)	2325	10.06	0.0300	10.83	0.5249	0.1907	18	-1.47	4%	0
004.06	Fiber, Crude, Fibertec (%)	0875	10.25	0.2600	10.83	0.5249	0.1907	18	-1.10	3%	0
004.06	Fiber, Crude, Fibertec (%)	0610	10.40	0.4000	10.83	0.5249	0.1907	18	-0.81	2%	0
004.06	Fiber, Crude, Fibertec (%)	0968	10.46	0.0200	10.83	0.5249	0.1907	18	-0.70	2%	0
004.06	Fiber, Crude, Fibertec (%)	0918	10.62	0.2400	10.83	0.5249	0.1907	18	-0.40	1%	0
004.06	Fiber, Crude, Fibertec (%)	2319	10.70	0.0000	10.83	0.5249	0.1907	18	-0.24	1%	0
004.06	Fiber, Crude, Fibertec (%)	2188	10.74	0.0000	10.83	0.5249	0.1907	18	-0.17	0%	0
004.06	Fiber, Crude, Fibertec (%)	0098	10.78	0.1600	10.83	0.5249	0.1907	18	-0.09	0%	0
004.06	Fiber, Crude, Fibertec (%)	0948	10.83	0.0400	10.83	0.5249	0.1907	18	0.00	0%	0
004.06	Fiber, Crude, Fibertec (%)	2349	11.05	0.5000	10.83	0.5249	0.1907	18	0.42	1%	0
004.06	Fiber, Crude, Fibertec (%)	0674	11.09	0.0000	10.83	0.5249	0.1907	18	0.50	1%	0
004.06	Fiber, Crude, Fibertec (%)	0964	11.13	0.0500	10.83	0.5249	0.1907	18	0.57	1%	0
004.06	Fiber, Crude, Fibertec (%)	2006	11.18	0.0700	10.83	0.5249	0.1907	18	0.66	2%	0
004.06	Fiber, Crude, Fibertec (%)	0689	11.25	0.1000	10.83	0.5249	0.1907	18	0.80	2%	0
004.06	Fiber, Crude, Fibertec (%)	0941	11.27	0.2700	10.83	0.5249	0.1907	18	0.83	2%	0
004.06	Fiber, Crude, Fibertec (%)	0038	11.45	0.3000	10.83	0.5249	0.1907	18	1.19	3%	0
004.06	Fiber, Crude, Fibertec (%)	0685	12.97	0.2000	10.83	0.5249	0.1907	18	4.08	10%	0
004.06	Fiber, Crude, Fibertec (%)	0512	11.17	0.9500	10.83	0.5249	0.1907	18	0.64	2%	1
004.07	Fiber, Crude, ANKOM (%)	0510	9.150	0.1000	11.28	0.7569	0.2074	81	-2.81	9%	0
004.07	Fiber, Crude, ANKOM (%)	0596	9.495	0.1100	11.28	0.7569	0.2074	81	-2.36	8%	0
004.07	Fiber, Crude, ANKOM (%)	0675	9.835	0.0100	11.28	0.7569	0.2074	81	-1.91	6%	0
004.07	Fiber, Crude, ANKOM (%)	0968	10.11	0.1100	11.28	0.7569	0.2074	81	-1.55	5%	0
004.07	Fiber, Crude, ANKOM (%)	0622	10.11	0.2222	11.28	0.7569	0.2074	81	-1.54	5%	0
004.07	Fiber, Crude, ANKOM (%)	0885	10.27	0.0782	11.28	0.7569	0.2074	81	-1.34	4%	0
004.07	Fiber, Crude, ANKOM (%)	0407	10.31	0.2307	11.28	0.7569	0.2074	81	-1.28	4%	0
004.07	Fiber, Crude, ANKOM (%)	0726	10.48	0.0700	11.28	0.7569	0.2074	81	-1.06	4%	0
004.07	Fiber, Crude, ANKOM (%)	0026	10.50	0.2000	11.28	0.7569	0.2074	81	-1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0028	10.53	0.2300	11.28	0.7569	0.2074	81	-1.00	3%	0
004.07	Fiber, Crude, ANKOM (%)	2022	10.54	0.0900	11.28	0.7569	0.2074	81	-0.98	3%	0
004.07	Fiber, Crude, ANKOM (%)	0708	10.55	0.0700	11.28	0.7569	0.2074	81	-0.97	3%	0
004.07	Fiber, Crude, ANKOM (%)	0910	10.55	0.3000	11.28	0.7569	0.2074	81	-0.96	3%	0
004.07	Fiber, Crude, ANKOM (%)	0870	10.57	0.2449	11.28	0.7569	0.2074	81	-0.94	3%	0
004.07	Fiber, Crude, ANKOM (%)	0948	10.57	0.2800	11.28	0.7569	0.2074	81	-0.94	3%	0
004.07	Fiber, Crude, ANKOM (%)	0619	10.60	0.0000	11.28	0.7569	0.2074	81	-0.90	3%	0
004.07	Fiber, Crude, ANKOM (%)	2434	10.62	0.0000	11.28	0.7569	0.2074	81	-0.87	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	
004.07	Fiber, Crude, ANKOM (%)	0644	10.63	0.0510	11.28	0.7569	0.2074	81	-0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	0505	10.65	0.0100	11.28	0.7569	0.2074	81	-0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	0098	10.69	0.5700	11.28	0.7569	0.2074	81	-0.79	3%	0
004.07	Fiber, Crude, ANKOM (%)	0643	10.69	0.1120	11.28	0.7569	0.2074	81	-0.78	3%	0
004.07	Fiber, Crude, ANKOM (%)	0202	10.70	0.0000	11.28	0.7569	0.2074	81	-0.77	3%	0
004.07	Fiber, Crude, ANKOM (%)	0692	10.75	0.7000	11.28	0.7569	0.2074	81	-0.70	2%	0
004.07	Fiber, Crude, ANKOM (%)	2190	10.79	0.4000	11.28	0.7569	0.2074	81	-0.65	2%	0
004.07	Fiber, Crude, ANKOM (%)	0083	10.83	0.0600	11.28	0.7569	0.2074	81	-0.59	2%	0
004.07	Fiber, Crude, ANKOM (%)	0009	10.98	0.0500	11.28	0.7569	0.2074	81	-0.40	1%	0
004.07	Fiber, Crude, ANKOM (%)	0413	11.00	0.4000	11.28	0.7569	0.2074	81	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0682	11.00	0.0000	11.28	0.7569	0.2074	81	-0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0019	11.04	0.0400	11.28	0.7569	0.2074	81	-0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	2146	11.04	0.0600	11.28	0.7569	0.2074	81	-0.32	1%	0
004.07	Fiber, Crude, ANKOM (%)	2144	11.05	0.0900	11.28	0.7569	0.2074	81	-0.31	1%	0
004.07	Fiber, Crude, ANKOM (%)	0300	11.06	0.3100	11.28	0.7569	0.2074	81	-0.30	1%	0
004.07	Fiber, Crude, ANKOM (%)	0848	11.11	0.1300	11.28	0.7569	0.2074	81	-0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	2193	11.13	0.0200	11.28	0.7569	0.2074	81	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	0563	11.13	0.2036	11.28	0.7569	0.2074	81	-0.20	1%	0
004.07	Fiber, Crude, ANKOM (%)	2446	11.15	0.0480	11.28	0.7569	0.2074	81	-0.18	1%	0
004.07	Fiber, Crude, ANKOM (%)	0004	11.18	0.2900	11.28	0.7569	0.2074	81	-0.14	0%	0
004.07	Fiber, Crude, ANKOM (%)	0226	11.18	0.0400	11.28	0.7569	0.2074	81	-0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0035	11.20	0.0000	11.28	0.7569	0.2074	81	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	0956	11.20	0.4000	11.28	0.7569	0.2074	81	-0.11	0%	0
004.07	Fiber, Crude, ANKOM (%)	2009	11.23	0.0338	11.28	0.7569	0.2074	81	-0.07	0%	0
004.07	Fiber, Crude, ANKOM (%)	0123	11.26	0.3400	11.28	0.7569	0.2074	81	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0100	11.26	0.1000	11.28	0.7569	0.2074	81	-0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0263	11.30	0.0530	11.28	0.7569	0.2074	81	0.03	0%	0
004.07	Fiber, Crude, ANKOM (%)	0598	11.34	0.0600	11.28	0.7569	0.2074	81	0.08	0%	0
004.07	Fiber, Crude, ANKOM (%)	0876	11.35	0.0200	11.28	0.7569	0.2074	81	0.09	0%	0
004.07	Fiber, Crude, ANKOM (%)	2337	11.38	0.0100	11.28	0.7569	0.2074	81	0.13	0%	0
004.07	Fiber, Crude, ANKOM (%)	0581	11.40	0.3700	11.28	0.7569	0.2074	81	0.15	1%	0
004.07	Fiber, Crude, ANKOM (%)	0529	11.43	0.1700	11.28	0.7569	0.2074	81	0.19	1%	0
004.07	Fiber, Crude, ANKOM (%)	0511	11.45	1.300	11.28	0.7569	0.2074	81	0.23	1%	0
004.07	Fiber, Crude, ANKOM (%)	0066	11.48	0.2400	11.28	0.7569	0.2074	81	0.26	1%	0
004.07	Fiber, Crude, ANKOM (%)	0504	11.49	0.1300	11.28	0.7569	0.2074	81	0.27	1%	0
004.07	Fiber, Crude, ANKOM (%)	2433	11.55	0.3000	11.28	0.7569	0.2074	81	0.36	1%	0
004.07	Fiber, Crude, ANKOM (%)	2196	11.56	0.0000	11.28	0.7569	0.2074	81	0.37	1%	0
004.07	Fiber, Crude, ANKOM (%)	0190	11.60	0.0000	11.28	0.7569	0.2074	81	0.42	1%	0
004.07	Fiber, Crude, ANKOM (%)	0074	11.64	0.4700	11.28	0.7569	0.2074	81	0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0242	11.64	0.5300	11.28	0.7569	0.2074	81	0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	2340	11.64	0.0620	11.28	0.7569	0.2074	81	0.47	2%	0
004.07	Fiber, Crude, ANKOM (%)	0939	11.66	0.5100	11.28	0.7569	0.2074	81	0.50	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	
004.07	Fiber, Crude, ANKOM (%)	2188	11.68	0.1400	11.28	0.7569	0.2074	81	0.53	2%	0
004.07	Fiber, Crude, ANKOM (%)	0914	11.70	0.8000	11.28	0.7569	0.2074	81	0.56	2%	0
004.07	Fiber, Crude, ANKOM (%)	0589	11.85	0.0200	11.28	0.7569	0.2074	81	0.75	3%	0
004.07	Fiber, Crude, ANKOM (%)	2302	11.89	0.0800	11.28	0.7569	0.2074	81	0.81	3%	0
004.07	Fiber, Crude, ANKOM (%)	0536	11.90	0.5000	11.28	0.7569	0.2074	81	0.82	3%	0
004.07	Fiber, Crude, ANKOM (%)	0003	11.92	0.2100	11.28	0.7569	0.2074	81	0.84	3%	0
004.07	Fiber, Crude, ANKOM (%)	2259	11.92	0.0190	11.28	0.7569	0.2074	81	0.85	3%	0
004.07	Fiber, Crude, ANKOM (%)	0520	11.95	0.0400	11.28	0.7569	0.2074	81	0.89	3%	0
004.07	Fiber, Crude, ANKOM (%)	0354	11.97	0.0300	11.28	0.7569	0.2074	81	0.91	3%	0
004.07	Fiber, Crude, ANKOM (%)	0034	12.06	0.2400	11.28	0.7569	0.2074	81	1.03	3%	0
004.07	Fiber, Crude, ANKOM (%)	0045	12.15	0.3000	11.28	0.7569	0.2074	81	1.15	4%	0
004.07	Fiber, Crude, ANKOM (%)	2109	12.16	0.2100	11.28	0.7569	0.2074	81	1.16	4%	0
004.07	Fiber, Crude, ANKOM (%)	0042	12.30	0.4000	11.28	0.7569	0.2074	81	1.35	5%	0
004.07	Fiber, Crude, ANKOM (%)	0144	12.36	0.2200	11.28	0.7569	0.2074	81	1.43	5%	0
004.07	Fiber, Crude, ANKOM (%)	0229	12.39	1.140	11.28	0.7569	0.2074	81	1.47	5%	0
004.07	Fiber, Crude, ANKOM (%)	0294	12.50	0.7900	11.28	0.7569	0.2074	81	1.61	5%	0
004.07	Fiber, Crude, ANKOM (%)	2276	12.57	0.3900	11.28	0.7569	0.2074	81	1.70	6%	0
004.07	Fiber, Crude, ANKOM (%)	0011	12.99	0.1100	11.28	0.7569	0.2074	81	2.25	8%	0
004.07	Fiber, Crude, ANKOM (%)	0278	13.07	1.080	11.28	0.7569	0.2074	81	2.37	8%	0
004.07	Fiber, Crude, ANKOM (%)	2195	13.07	0.3800	11.28	0.7569	0.2074	81	2.37	8%	0
004.07	Fiber, Crude, ANKOM (%)	0089	13.14	0.0400	11.28	0.7569	0.2074	81	2.46	8%	0
004.07	Fiber, Crude, ANKOM (%)	0626	15.02	0.2500	11.28	0.7569	0.2074	81	4.94	17%	0
004.07	Fiber, Crude, ANKOM (%)	0613	6.670	2.200	11.28	0.7569	0.2074	81	-6.09	20%	1
004.07	Fiber, Crude, ANKOM (%)	0693	12.17	1.827	11.28	0.7569	0.2074	81	1.18	4%	1
004.07	Fiber, Crude, ANKOM (%)	2345	2.038	0.0750	11.28	0.7569	0.2074	81	-12.21	41%	2
004.11	Fiber, Crude, NIR (%)	0889	11.03	0.2150				3			0
004.11	Fiber, Crude, NIR (%)	0613	11.47	0.0600				3			0
004.11	Fiber, Crude, NIR (%)	0852	12.04	0.0000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	0629	10.95	0.1000				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2144	11.12	0.0600				3			0
004.99	Fiber, Crude, Miscellaneous (%)	2129	11.90	3.040				3			0
005.00	Ash, 2h @ 600°C (%)	1019	6.965	0.0500	9.243	0.3667	0.1095	91	-6.21	12%	0
005.00	Ash, 2h @ 600°C (%)	0297	8.340	0.1000	9.243	0.3667	0.1095	91	-2.46	5%	0
005.00	Ash, 2h @ 600°C (%)	0278	8.500	0.0800	9.243	0.3667	0.1095	91	-2.03	4%	0
005.00	Ash, 2h @ 600°C (%)	2459	8.510	0.0400	9.243	0.3667	0.1095	91	-2.00	4%	0
005.00	Ash, 2h @ 600°C (%)	0169	8.515	0.2700	9.243	0.3667	0.1095	91	-1.99	4%	0
005.00	Ash, 2h @ 600°C (%)	0049	8.580	0.2400	9.243	0.3667	0.1095	91	-1.81	4%	0
005.00	Ash, 2h @ 600°C (%)	0539	8.695	0.0700	9.243	0.3667	0.1095	91	-1.49	3%	0
005.00	Ash, 2h @ 600°C (%)	0574	8.715	0.0100	9.243	0.3667	0.1095	91	-1.44	3%	0
005.00	Ash, 2h @ 600°C (%)	0186	8.730	0.0089	9.243	0.3667	0.1095	91	-1.40	3%	0
005.00	Ash, 2h @ 600°C (%)	0089	8.745	0.0100	9.243	0.3667	0.1095	91	-1.36	3%	0
005.00	Ash, 2h @ 600°C (%)	0622	8.773	0.0351	9.243	0.3667	0.1095	91	-1.28	3%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	2433	8.783	0.1006	9.243	0.3667	0.1095	91	-1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	0011	8.785	0.1300	9.243	0.3667	0.1095	91	-1.25	2%	0
005.00	Ash, 2h @ 600°C (%)	2268	8.790	0.2200	9.243	0.3667	0.1095	91	-1.24	2%	0
005.00	Ash, 2h @ 600°C (%)	0598	8.795	0.0300	9.243	0.3667	0.1095	91	-1.22	2%	0
005.00	Ash, 2h @ 600°C (%)	0953	8.800	0.1200	9.243	0.3667	0.1095	91	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0956	8.800	0.2000	9.243	0.3667	0.1095	91	-1.21	2%	0
005.00	Ash, 2h @ 600°C (%)	0918	8.805	0.2100	9.243	0.3667	0.1095	91	-1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	2022	8.815	0.0300	9.243	0.3667	0.1095	91	-1.17	2%	0
005.00	Ash, 2h @ 600°C (%)	2349	8.890	0.0600	9.243	0.3667	0.1095	91	-0.96	2%	0
005.00	Ash, 2h @ 600°C (%)	0042	8.915	0.0300	9.243	0.3667	0.1095	91	-0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	0520	8.965	0.0900	9.243	0.3667	0.1095	91	-0.76	2%	0
005.00	Ash, 2h @ 600°C (%)	2340	9.019	0.0230	9.243	0.3667	0.1095	91	-0.61	1%	0
005.00	Ash, 2h @ 600°C (%)	2195	9.025	0.3300	9.243	0.3667	0.1095	91	-0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	2302	9.045	0.0700	9.243	0.3667	0.1095	91	-0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0505	9.050	0.0000	9.243	0.3667	0.1095	91	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2199	9.050	0.7000	9.243	0.3667	0.1095	91	-0.53	1%	0
005.00	Ash, 2h @ 600°C (%)	2434	9.080	0.0000	9.243	0.3667	0.1095	91	-0.44	1%	0
005.00	Ash, 2h @ 600°C (%)	0651	9.096	0.1530	9.243	0.3667	0.1095	91	-0.40	1%	0
005.00	Ash, 2h @ 600°C (%)	0876	9.100	0.2200	9.243	0.3667	0.1095	91	-0.39	1%	0
005.00	Ash, 2h @ 600°C (%)	0722	9.106	0.1790	9.243	0.3667	0.1095	91	-0.37	1%	0
005.00	Ash, 2h @ 600°C (%)	0004	9.110	0.0200	9.243	0.3667	0.1095	91	-0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0358	9.115	0.2700	9.243	0.3667	0.1095	91	-0.35	1%	0
005.00	Ash, 2h @ 600°C (%)	2337	9.125	0.0900	9.243	0.3667	0.1095	91	-0.32	1%	0
005.00	Ash, 2h @ 600°C (%)	2359	9.200	0.2000	9.243	0.3667	0.1095	91	-0.12	0%	0
005.00	Ash, 2h @ 600°C (%)	0226	9.230	0.1600	9.243	0.3667	0.1095	91	-0.04	0%	0
005.00	Ash, 2h @ 600°C (%)	2453	9.245	0.0953	9.243	0.3667	0.1095	91	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0038	9.245	0.3700	9.243	0.3667	0.1095	91	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0045	9.245	0.1300	9.243	0.3667	0.1095	91	0.01	0%	0
005.00	Ash, 2h @ 600°C (%)	0357	9.250	0.1000	9.243	0.3667	0.1095	91	0.02	0%	0
005.00	Ash, 2h @ 600°C (%)	2259	9.274	0.0480	9.243	0.3667	0.1095	91	0.08	0%	0
005.00	Ash, 2h @ 600°C (%)	2188	9.285	0.0300	9.243	0.3667	0.1095	91	0.11	0%	0
005.00	Ash, 2h @ 600°C (%)	0083	9.300	0.0200	9.243	0.3667	0.1095	91	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0100	9.300	0.3800	9.243	0.3667	0.1095	91	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0144	9.300	0.0400	9.243	0.3667	0.1095	91	0.16	0%	0
005.00	Ash, 2h @ 600°C (%)	0108	9.305	0.0100	9.243	0.3667	0.1095	91	0.17	0%	0
005.00	Ash, 2h @ 600°C (%)	0407	9.309	0.1056	9.243	0.3667	0.1095	91	0.18	0%	0
005.00	Ash, 2h @ 600°C (%)	2196	9.330	0.0000	9.243	0.3667	0.1095	91	0.24	0%	0
005.00	Ash, 2h @ 600°C (%)	0353	9.340	0.0400	9.243	0.3667	0.1095	91	0.26	1%	0
005.00	Ash, 2h @ 600°C (%)	2181	9.350	0.0400	9.243	0.3667	0.1095	91	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	2325	9.350	0.0200	9.243	0.3667	0.1095	91	0.29	1%	0
005.00	Ash, 2h @ 600°C (%)	2326	9.375	0.3500	9.243	0.3667	0.1095	91	0.36	1%	0
005.00	Ash, 2h @ 600°C (%)	0541	9.405	0.2900	9.243	0.3667	0.1095	91	0.44	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
005.00	Ash, 2h @ 600°C (%)	0033	9.410	0.0200	9.243	0.3667	0.1095	91	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0968	9.410	0.0200	9.243	0.3667	0.1095	91	0.46	1%	0
005.00	Ash, 2h @ 600°C (%)	0589	9.415	0.1100	9.243	0.3667	0.1095	91	0.47	1%	0
005.00	Ash, 2h @ 600°C (%)	0035	9.430	0.0000	9.243	0.3667	0.1095	91	0.51	1%	0
005.00	Ash, 2h @ 600°C (%)	0229	9.435	0.1500	9.243	0.3667	0.1095	91	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0242	9.435	0.0500	9.243	0.3667	0.1095	91	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	2006	9.435	0.0500	9.243	0.3667	0.1095	91	0.52	1%	0
005.00	Ash, 2h @ 600°C (%)	0123	9.440	0.0200	9.243	0.3667	0.1095	91	0.54	1%	0
005.00	Ash, 2h @ 600°C (%)	0510	9.445	0.0100	9.243	0.3667	0.1095	91	0.55	1%	0
005.00	Ash, 2h @ 600°C (%)	0693	9.449	0.0050	9.243	0.3667	0.1095	91	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0148	9.450	0.1200	9.243	0.3667	0.1095	91	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0685	9.450	0.2000	9.243	0.3667	0.1095	91	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	2200	9.450	0.3000	9.243	0.3667	0.1095	91	0.56	1%	0
005.00	Ash, 2h @ 600°C (%)	0848	9.455	0.1500	9.243	0.3667	0.1095	91	0.58	1%	0
005.00	Ash, 2h @ 600°C (%)	0870	9.458	0.0147	9.243	0.3667	0.1095	91	0.59	1%	0
005.00	Ash, 2h @ 600°C (%)	0001	9.465	0.0470	9.243	0.3667	0.1095	91	0.60	1%	0
005.00	Ash, 2h @ 600°C (%)	2150	9.470	0.0800	9.243	0.3667	0.1095	91	0.62	1%	0
005.00	Ash, 2h @ 600°C (%)	2193	9.495	0.0900	9.243	0.3667	0.1095	91	0.69	1%	0
005.00	Ash, 2h @ 600°C (%)	0354	9.515	0.0100	9.243	0.3667	0.1095	91	0.74	1%	0
005.00	Ash, 2h @ 600°C (%)	0948	9.530	0.0200	9.243	0.3667	0.1095	91	0.78	2%	0
005.00	Ash, 2h @ 600°C (%)	0098	9.540	0.1600	9.243	0.3667	0.1095	91	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0675	9.540	0.0400	9.243	0.3667	0.1095	91	0.81	2%	0
005.00	Ash, 2h @ 600°C (%)	0563	9.546	0.0760	9.243	0.3667	0.1095	91	0.83	2%	0
005.00	Ash, 2h @ 600°C (%)	0017	9.550	0.3000	9.243	0.3667	0.1095	91	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0853	9.550	0.3000	9.243	0.3667	0.1095	91	0.84	2%	0
005.00	Ash, 2h @ 600°C (%)	0171	9.560	0.0800	9.243	0.3667	0.1095	91	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	2246	9.560	0.0400	9.243	0.3667	0.1095	91	0.86	2%	0
005.00	Ash, 2h @ 600°C (%)	0852	9.570	0.2400	9.243	0.3667	0.1095	91	0.89	2%	0
005.00	Ash, 2h @ 600°C (%)	2076	9.600	0.0400	9.243	0.3667	0.1095	91	0.97	2%	0
005.00	Ash, 2h @ 600°C (%)	0880	9.645	0.0900	9.243	0.3667	0.1095	91	1.10	2%	0
005.00	Ash, 2h @ 600°C (%)	0164	9.655	0.0100	9.243	0.3667	0.1095	91	1.12	2%	0
005.00	Ash, 2h @ 600°C (%)	0674	9.660	0.0000	9.243	0.3667	0.1095	91	1.14	2%	0
005.00	Ash, 2h @ 600°C (%)	0504	9.680	0.1200	9.243	0.3667	0.1095	91	1.19	2%	0
005.00	Ash, 2h @ 600°C (%)	0345	9.730	0.1600	9.243	0.3667	0.1095	91	1.33	3%	0
005.00	Ash, 2h @ 600°C (%)	0682	9.800	0.0000	9.243	0.3667	0.1095	91	1.52	3%	0
005.00	Ash, 2h @ 600°C (%)	0529	9.825	0.0500	9.243	0.3667	0.1095	91	1.59	3%	0
005.00	Ash, 2h @ 600°C (%)	2089	9.950	0.4400	9.243	0.3667	0.1095	91	1.93	4%	0
005.00	Ash, 2h @ 600°C (%)	0618	18.67	0.8400	9.243	0.3667	0.1095	91	25.70	51%	0
005.00	Ash, 2h @ 600°C (%)	0047	10.73	2.700	9.243	0.3667	0.1095	91	4.05	8%	1
005.00	Ash, 2h @ 600°C (%)	2276	56.79	0.4300	9.243	0.3667	0.1095	91	>100	257%	2
005.02	Ash, LECO (%)	0644	9.874	0.0510				1			0
005.03	Ash, Microwave furnace (%)	0511	8.900	0.2000				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	
005.05	Ash, 3h @ 550°C (%)	0692	8.735	0.2100	9.566	0.2671	0.1028	28	-3.11	4%	0
005.05	Ash, 3h @ 550°C (%)	0889	8.995	0.4900	9.566	0.2671	0.1028	28	-2.14	3%	0
005.05	Ash, 3h @ 550°C (%)	0003	9.025	0.0300	9.566	0.2671	0.1028	28	-2.03	3%	0
005.05	Ash, 3h @ 550°C (%)	0066	9.200	0.2200	9.566	0.2671	0.1028	28	-1.37	2%	0
005.05	Ash, 3h @ 550°C (%)	0726	9.225	0.0500	9.566	0.2671	0.1028	28	-1.28	2%	0
005.05	Ash, 3h @ 550°C (%)	0263	9.286	0.0170	9.566	0.2671	0.1028	28	-1.05	1%	0
005.05	Ash, 3h @ 550°C (%)	0294	9.450	0.0400	9.566	0.2671	0.1028	28	-0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2144	9.450	0.0600	9.566	0.2671	0.1028	28	-0.43	1%	0
005.05	Ash, 3h @ 550°C (%)	2190	9.455	0.0100	9.566	0.2671	0.1028	28	-0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	2192	9.460	0.2600	9.566	0.2671	0.1028	28	-0.40	1%	0
005.05	Ash, 3h @ 550°C (%)	0596	9.565	0.0900	9.566	0.2671	0.1028	28	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	2146	9.565	0.0300	9.566	0.2671	0.1028	28	0.00	0%	0
005.05	Ash, 3h @ 550°C (%)	0852	9.570	0.2400	9.566	0.2671	0.1028	28	0.01	0%	0
005.05	Ash, 3h @ 550°C (%)	2446	9.580	0.0110	9.566	0.2671	0.1028	28	0.05	0%	0
005.05	Ash, 3h @ 550°C (%)	0619	9.600	0.1000	9.566	0.2671	0.1028	28	0.13	0%	0
005.05	Ash, 3h @ 550°C (%)	0643	9.632	0.0110	9.566	0.2671	0.1028	28	0.24	0%	0
005.05	Ash, 3h @ 550°C (%)	2009	9.664	0.0286	9.566	0.2671	0.1028	28	0.37	1%	0
005.05	Ash, 3h @ 550°C (%)	0034	9.680	0.1635	9.566	0.2671	0.1028	28	0.42	1%	0
005.05	Ash, 3h @ 550°C (%)	0885	9.697	0.1051	9.566	0.2671	0.1028	28	0.49	1%	0
005.05	Ash, 3h @ 550°C (%)	2345	9.720	0.4200	9.566	0.2671	0.1028	28	0.58	1%	0
005.05	Ash, 3h @ 550°C (%)	0939	9.725	0.0500	9.566	0.2671	0.1028	28	0.59	1%	0
005.05	Ash, 3h @ 550°C (%)	0689	9.745	0.0300	9.566	0.2671	0.1028	28	0.67	1%	0
005.05	Ash, 3h @ 550°C (%)	2109	9.765	0.2700	9.566	0.2671	0.1028	28	0.74	1%	0
005.05	Ash, 3h @ 550°C (%)	0610	9.790	0.1200	9.566	0.2671	0.1028	28	0.84	1%	0
005.05	Ash, 3h @ 550°C (%)	0190	9.805	0.0100	9.566	0.2671	0.1028	28	0.89	1%	0
005.05	Ash, 3h @ 550°C (%)	0413	9.825	0.0700	9.566	0.2671	0.1028	28	0.97	1%	0
005.05	Ash, 3h @ 550°C (%)	2246	9.935	0.0100	9.566	0.2671	0.1028	28	1.38	2%	0
005.05	Ash, 3h @ 550°C (%)	2129	10.42	0.1300	9.566	0.2671	0.1028	28	3.18	4%	0
005.11	Ash, NIR (%)	0852	6.870	0.0000	8.558	2.197	0.0583	4			0
005.11	Ash, NIR (%)	0613	7.635	0.0300	8.558	2.197	0.0583	4			0
005.11	Ash, NIR (%)	0297	7.945	0.0500	8.558	2.197	0.0583	4			0
005.11	Ash, NIR (%)	0889	11.78	0.0950	8.558	2.197	0.0583	4			0
005.99	Ash, Miscellaneous (%)	0019	8.650	0.0000	9.463	0.2453	0.1043	12	-3.31	4%	0
005.99	Ash, Miscellaneous (%)	0914	9.180	0.1200	9.463	0.2453	0.1043	12	-1.15	1%	0
005.99	Ash, Miscellaneous (%)	0644	9.249	0.1420	9.463	0.2453	0.1043	12	-0.87	1%	0
005.99	Ash, Miscellaneous (%)	0536	9.370	0.0800	9.463	0.2453	0.1043	12	-0.38	0%	0
005.99	Ash, Miscellaneous (%)	0546	9.415	0.0700	9.463	0.2453	0.1043	12	-0.20	0%	0
005.99	Ash, Miscellaneous (%)	0676	9.430	0.1000	9.463	0.2453	0.1043	12	-0.13	0%	0
005.99	Ash, Miscellaneous (%)	0884	9.550	0.3000	9.463	0.2453	0.1043	12	0.36	0%	0
005.99	Ash, Miscellaneous (%)	2319	9.550	0.1000	9.463	0.2453	0.1043	12	0.36	0%	0
005.99	Ash, Miscellaneous (%)	0629	9.565	0.0500	9.463	0.2453	0.1043	12	0.42	1%	0
005.99	Ash, Miscellaneous (%)	0202	9.620	0.1200	9.463	0.2453	0.1043	12	0.64	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	
005.99	Ash, Miscellaneous (%)	0652	9.700	0.0000	9.463	0.2453	0.1043	12	0.97	1%	0
005.99	Ash, Miscellaneous (%)	0910	9.950	0.1000	9.463	0.2453	0.1043	12	1.99	3%	0
005.99	Ash, Miscellaneous (%)	0613	8.770	0.6600	9.463	0.2453	0.1043	12	-2.82	4%	1
006.00	Total Sugars, As sucrose (%)	0910	3.670	1.560				2			0
006.00	Total Sugars, As sucrose (%)	0407	4.983	0.0180				2			0
006.99	Total Sugars, Miscellaneous (%)	0226	4.210	0.1200				2			0
006.99	Total Sugars, Miscellaneous (%)	0956	5.700	0.4000				2			0
008.02	Fiber, Acid Detergent, Crucible (%)	0345	14.30	0.2900	15.68	0.7035	0.2984	13	-1.97	4%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0948	14.84	0.1600	15.68	0.7035	0.2984	13	-1.19	3%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2089	15.10	0.2300	15.68	0.7035	0.2984	13	-0.83	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0353	15.17	0.4800	15.68	0.7035	0.2984	13	-0.72	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0689	15.45	0.1000	15.68	0.7035	0.2984	13	-0.33	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0875	15.55	0.3400	15.68	0.7035	0.2984	13	-0.18	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2192	15.80	0.2000	15.68	0.7035	0.2984	13	0.17	0%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0226	15.95	0.2100	15.68	0.7035	0.2984	13	0.38	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0098	16.04	0.2600	15.68	0.7035	0.2984	13	0.51	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0148	16.15	0.1700	15.68	0.7035	0.2984	13	0.66	1%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0674	16.20	0.0000	15.68	0.7035	0.2984	13	0.74	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	2246	16.24	1.340	15.68	0.7035	0.2984	13	0.80	2%	0
008.02	Fiber, Acid Detergent, Crucible (%)	0964	17.02	1.290	15.68	0.7035	0.2984	13	1.90	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2345	5.610	0.3400	15.54	1.192	0.3122	47	-8.33	32%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0613	6.595	0.3100	15.54	1.192	0.3122	47	-7.50	29%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0968	13.24	0.0600	15.54	1.192	0.3122	47	-1.93	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2129	13.42	0.0700	15.54	1.192	0.3122	47	-1.78	7%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2302	13.89	0.0800	15.54	1.192	0.3122	47	-1.38	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0675	14.06	0.0200	15.54	1.192	0.3122	47	-1.24	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0889	14.21	0.0100	15.54	1.192	0.3122	47	-1.12	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0848	14.25	0.4000	15.54	1.192	0.3122	47	-1.08	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0354	14.28	0.5800	15.54	1.192	0.3122	47	-1.05	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0956	14.55	0.1000	15.54	1.192	0.3122	47	-0.83	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0693	14.69	0.3170	15.54	1.192	0.3122	47	-0.71	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0004	14.72	0.3600	15.54	1.192	0.3122	47	-0.68	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0358	14.84	0.1800	15.54	1.192	0.3122	47	-0.58	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0190	14.94	0.0000	15.54	1.192	0.3122	47	-0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0885	14.94	0.4090	15.54	1.192	0.3122	47	-0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2146	14.99	0.0200	15.54	1.192	0.3122	47	-0.46	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0083	15.23	0.0600	15.54	1.192	0.3122	47	-0.26	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0294	15.34	0.0900	15.54	1.192	0.3122	47	-0.17	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0510	15.45	0.3000	15.54	1.192	0.3122	47	-0.07	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2433	15.50	0.2900	15.54	1.192	0.3122	47	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0413	15.50	0.2000	15.54	1.192	0.3122	47	-0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0939	15.51	0.9300	15.54	1.192	0.3122	47	-0.03	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	
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2196	15.57	0.0000	15.54	1.192	0.3122	47	0.03	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0870	15.60	0.1876	15.54	1.192	0.3122	47	0.05	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0066	15.66	0.3700	15.54	1.192	0.3122	47	0.10	0%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0042	15.70	0.6000	15.54	1.192	0.3122	47	0.14	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0049	15.78	1.570	15.54	1.192	0.3122	47	0.20	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0407	15.90	0.1285	15.54	1.192	0.3122	47	0.30	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0918	15.90	1.060	15.54	1.192	0.3122	47	0.31	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0297	16.00	0.0000	15.54	1.192	0.3122	47	0.39	1%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0148	16.02	0.3300	15.54	1.192	0.3122	47	0.40	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0619	16.10	0.3300	15.54	1.192	0.3122	47	0.47	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0035	16.14	0.0300	15.54	1.192	0.3122	47	0.50	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0357	16.15	0.0700	15.54	1.192	0.3122	47	0.51	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0045	16.15	1.100	15.54	1.192	0.3122	47	0.52	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0001	16.17	0.4430	15.54	1.192	0.3122	47	0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0581	16.17	0.1000	15.54	1.192	0.3122	47	0.53	2%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0504	16.32	0.6800	15.54	1.192	0.3122	47	0.66	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0278	16.37	0.2800	15.54	1.192	0.3122	47	0.70	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0596	16.59	0.5300	15.54	1.192	0.3122	47	0.88	3%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0726	16.65	0.6700	15.54	1.192	0.3122	47	0.93	4%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0263	17.05	0.0100	15.54	1.192	0.3122	47	1.27	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0164	17.20	0.0000	15.54	1.192	0.3122	47	1.40	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2190	17.22	1.130	15.54	1.192	0.3122	47	1.41	5%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0511	17.40	0.6000	15.54	1.192	0.3122	47	1.56	6%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0536	17.95	0.0900	15.54	1.192	0.3122	47	2.02	8%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	2326	18.95	0.1600	15.54	1.192	0.3122	47	2.86	11%	0
008.08	Fiber, Acid Detergent, Filter Bag - ANKOM (%)	0910	12.84	4.980	15.54	1.192	0.3122	47	-2.26	9%	1
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0610	14.60	0.2000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0629	14.90	0.0000				3			0
008.99	Fiber, Acid Detergent, Miscellaneous (%)	0941	15.41	0.4500				3			0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0964	30.19	0.1310	32.75	1.984	0.4137	14	-1.29	4%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0910	30.85	1.900	32.75	1.984	0.4137	14	-0.96	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0948	31.05	0.1500	32.75	1.984	0.4137	14	-0.86	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0098	31.20	0.2000	32.75	1.984	0.4137	14	-0.78	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0345	31.27	0.3300	32.75	1.984	0.4137	14	-0.75	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0353	31.88	1.100	32.75	1.984	0.4137	14	-0.44	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0610	32.85	0.7000	32.75	1.984	0.4137	14	0.05	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0226	33.04	0.1200	32.75	1.984	0.4137	14	0.15	0%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0875	33.12	0.0700	32.75	1.984	0.4137	14	0.18	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2089	33.18	0.4900	32.75	1.984	0.4137	14	0.21	1%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2192	34.20	0.2000	32.75	1.984	0.4137	14	0.73	2%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0674	34.84	0.0000	32.75	1.984	0.4137	14	1.05	3%	0
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	2246	35.43	0.8300	32.75	1.984	0.4137	14	1.35	4%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
009.07	Fiber, Neutral Detergent, AOAC -ENZ Pretreat	0689	35.45	0.1000	32.75	1.984	0.4137	14	1.36	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2345	15.75	0.3000	31.54	1.223	0.2965	43	-12.92	25%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0613	15.77	0.1500	31.54	1.223	0.2965	43	-12.90	25%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0968	29.45	0.0600	31.54	1.223	0.2965	43	-1.71	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0598	29.69	0.0900	31.54	1.223	0.2965	43	-1.52	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2129	30.19	0.5800	31.54	1.223	0.2965	43	-1.11	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0889	30.32	0.0200	31.54	1.223	0.2965	43	-1.00	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2146	30.39	0.2700	31.54	1.223	0.2965	43	-0.95	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0939	30.43	0.0300	31.54	1.223	0.2965	43	-0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2433	30.46	0.0711	31.54	1.223	0.2965	43	-0.89	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0510	30.50	0.4000	31.54	1.223	0.2965	43	-0.85	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0358	30.51	0.0200	31.54	1.223	0.2965	43	-0.85	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0294	30.52	0.2300	31.54	1.223	0.2965	43	-0.84	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0885	30.76	0.0522	31.54	1.223	0.2965	43	-0.64	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0675	31.12	0.0600	31.54	1.223	0.2965	43	-0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0918	31.25	0.1300	31.54	1.223	0.2965	43	-0.24	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0263	31.38	0.0160	31.54	1.223	0.2965	43	-0.14	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2022	31.44	0.0100	31.54	1.223	0.2965	43	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0407	31.44	0.1079	31.54	1.223	0.2965	43	-0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0035	31.52	0.4700	31.54	1.223	0.2965	43	-0.02	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0083	31.54	0.1400	31.54	1.223	0.2965	43	0.00	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0504	31.64	0.3300	31.54	1.223	0.2965	43	0.07	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2190	31.64	0.4900	31.54	1.223	0.2965	43	0.07	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0049	31.66	0.9500	31.54	1.223	0.2965	43	0.09	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0413	31.70	0.2000	31.54	1.223	0.2965	43	0.13	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2302	31.71	0.5200	31.54	1.223	0.2965	43	0.14	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0536	31.74	0.1600	31.54	1.223	0.2965	43	0.16	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0354	31.76	0.6400	31.54	1.223	0.2965	43	0.18	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0357	31.85	0.2300	31.54	1.223	0.2965	43	0.25	0%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0870	31.91	0.5016	31.54	1.223	0.2965	43	0.30	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	2196	31.94	0.0000	31.54	1.223	0.2965	43	0.32	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0619	31.97	0.4400	31.54	1.223	0.2965	43	0.35	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0956	32.15	0.7000	31.54	1.223	0.2965	43	0.50	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0581	32.29	0.3200	31.54	1.223	0.2965	43	0.61	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0693	32.36	2.091	31.54	1.223	0.2965	43	0.66	1%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0164	32.50	0.4000	31.54	1.223	0.2965	43	0.78	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0045	32.65	0.5000	31.54	1.223	0.2965	43	0.91	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0148	32.67	0.9700	31.54	1.223	0.2965	43	0.92	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0848	32.81	0.2900	31.54	1.223	0.2965	43	1.03	2%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0066	33.51	0.4000	31.54	1.223	0.2965	43	1.61	3%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0596	33.78	0.1700	31.54	1.223	0.2965	43	1.83	4%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0297	34.50	0.2000	31.54	1.223	0.2965	43	2.42	5%	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 (	2326	36.05	0.5700	31.54	1.223	0.2965	43	3.68	7%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0190	36.96	0.2400	31.54	1.223	0.2965	43	4.43	9%	0
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0278	31.90	2.600	31.54	1.223	0.2965	43	0.29	1%	1
009.09	Fiber, Neutral Detergent, Filter Bag - ANKOM (	0726	43.54	2.580	31.54	1.223	0.2965	43	9.81	19%	1
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0889	28.25	0.2600				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0629	30.85	0.3000				3			0
009.99	Fiber, Neutral Detergent, Miscellaneous (%)	0941	34.61	0.2600				3			0
010.03	Moisture, Karl-Fischer (%)	0164	9.210	0.0600				2			0
010.03	Moisture, Karl-Fischer (%)	0843	9.360	0.1000				2			0
010.11	Moisture, NIR (%)	0852	8.840	0.0000				2			0
010.11	Moisture, NIR (%)	0889	8.845	0.0100				2			0
010.99	Moisture, Miscellaneous (%)	0692	8.525	0.4100	9.177	0.4527	0.1151	16	-1.44	4%	0
010.99	Moisture, Miscellaneous (%)	0622	8.541	0.0654	9.177	0.4527	0.1151	16	-1.40	3%	0
010.99	Moisture, Miscellaneous (%)	0546	8.750	0.1600	9.177	0.4527	0.1151	16	-0.94	2%	0
010.99	Moisture, Miscellaneous (%)	0019	8.765	0.0900	9.177	0.4527	0.1151	16	-0.91	2%	0
010.99	Moisture, Miscellaneous (%)	0722	8.926	0.2033	9.177	0.4527	0.1151	16	-0.55	1%	0
010.99	Moisture, Miscellaneous (%)	0726	9.070	0.0400	9.177	0.4527	0.1151	16	-0.24	1%	0
010.99	Moisture, Miscellaneous (%)	2089	9.095	0.1700	9.177	0.4527	0.1151	16	-0.18	0%	0
010.99	Moisture, Miscellaneous (%)	0939	9.170	0.1200	9.177	0.4527	0.1151	16	-0.01	0%	0
010.99	Moisture, Miscellaneous (%)	0948	9.200	0.0400	9.177	0.4527	0.1151	16	0.05	0%	0
010.99	Moisture, Miscellaneous (%)	2129	9.235	0.0900	9.177	0.4527	0.1151	16	0.13	0%	0
010.99	Moisture, Miscellaneous (%)	2076	9.495	0.1100	9.177	0.4527	0.1151	16	0.70	2%	0
010.99	Moisture, Miscellaneous (%)	0852	9.500	0.1000	9.177	0.4527	0.1151	16	0.71	2%	0
010.99	Moisture, Miscellaneous (%)	0652	9.550	0.1000	9.177	0.4527	0.1151	16	0.82	2%	0
010.99	Moisture, Miscellaneous (%)	2150	9.550	0.0600	9.177	0.4527	0.1151	16	0.82	2%	0
010.99	Moisture, Miscellaneous (%)	0884	9.600	0.2000	9.177	0.4527	0.1151	16	0.94	2%	0
010.99	Moisture, Miscellaneous (%)	0190	9.900	0.0800	9.177	0.4527	0.1151	16	1.60	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0859	8.061	0.2260	10.18	0.3677	0.1143	69	-5.77	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0843	8.175	0.6700	10.18	0.3677	0.1143	69	-5.46	10%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2199	8.400	0.6000	10.18	0.3677	0.1143	69	-4.85	9%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	1019	8.900	0.0400	10.18	0.3677	0.1143	69	-3.49	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0202	9.025	0.6900	10.18	0.3677	0.1143	69	-3.15	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0880	9.055	0.0300	10.18	0.3677	0.1143	69	-3.07	6%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0563	9.463	0.0226	10.18	0.3677	0.1143	69	-1.95	4%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2359	9.500	0.0000	10.18	0.3677	0.1143	69	-1.86	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0598	9.615	0.0500	10.18	0.3677	0.1143	69	-1.54	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0047	9.705	0.0300	10.18	0.3677	0.1143	69	-1.30	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2188	9.730	0.0600	10.18	0.3677	0.1143	69	-1.23	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0953	9.750	0.0400	10.18	0.3677	0.1143	69	-1.18	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0539	9.815	0.3500	10.18	0.3677	0.1143	69	-1.00	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0622	9.849	0.2315	10.18	0.3677	0.1143	69	-0.91	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2325	9.855	0.0100	10.18	0.3677	0.1143	69	-0.89	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	
011.01	Loss on Drying, HT, 135°C 2hr (%)	0011	9.955	0.0500	10.18	0.3677	0.1143	69	-0.62	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0108	9.985	0.0300	10.18	0.3677	0.1143	69	-0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0354	10.02	0.0100	10.18	0.3677	0.1143	69	-0.45	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0171	10.03	0.0700	10.18	0.3677	0.1143	69	-0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0675	10.03	0.0200	10.18	0.3677	0.1143	69	-0.41	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2446	10.05	0.2110	10.18	0.3677	0.1143	69	-0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0536	10.06	0.0700	10.18	0.3677	0.1143	69	-0.35	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0100	10.10	0.0300	10.18	0.3677	0.1143	69	-0.24	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2434	10.10	0.0000	10.18	0.3677	0.1143	69	-0.22	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0300	10.11	0.0200	10.18	0.3677	0.1143	69	-0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0643	10.11	0.0000	10.18	0.3677	0.1143	69	-0.19	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2386	10.12	0.0600	10.18	0.3677	0.1143	69	-0.17	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0511	10.13	0.7300	10.18	0.3677	0.1143	69	-0.16	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0144	10.13	0.2600	10.18	0.3677	0.1143	69	-0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2302	10.19	0.0300	10.18	0.3677	0.1143	69	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0651	10.19	0.2335	10.18	0.3677	0.1143	69	0.01	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0510	10.20	0.2000	10.18	0.3677	0.1143	69	0.05	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0098	10.21	0.1200	10.18	0.3677	0.1143	69	0.08	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0263	10.22	0.0100	10.18	0.3677	0.1143	69	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0294	10.22	0.0300	10.18	0.3677	0.1143	69	0.09	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2340	10.22	0.0280	10.18	0.3677	0.1143	69	0.11	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2181	10.23	0.0300	10.18	0.3677	0.1143	69	0.12	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0968	10.24	0.0100	10.18	0.3677	0.1143	69	0.14	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0226	10.26	0.0300	10.18	0.3677	0.1143	69	0.20	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2196	10.28	0.0000	10.18	0.3677	0.1143	69	0.27	0%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0685	10.29	0.2000	10.18	0.3677	0.1143	69	0.29	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0848	10.30	0.0300	10.18	0.3677	0.1143	69	0.31	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2433	10.31	0.0377	10.18	0.3677	0.1143	69	0.34	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0520	10.32	0.0300	10.18	0.3677	0.1143	69	0.36	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2022	10.33	0.0200	10.18	0.3677	0.1143	69	0.40	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2268	10.34	0.0200	10.18	0.3677	0.1143	69	0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2326	10.34	0.5600	10.18	0.3677	0.1143	69	0.43	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0574	10.35	0.0100	10.18	0.3677	0.1143	69	0.44	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2453	10.36	0.1091	10.18	0.3677	0.1143	69	0.49	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0674	10.37	0.0000	10.18	0.3677	0.1143	69	0.51	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0682	10.38	0.0000	10.18	0.3677	0.1143	69	0.54	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0618	10.40	0.2500	10.18	0.3677	0.1143	69	0.58	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2193	10.40	0.0000	10.18	0.3677	0.1143	69	0.59	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0164	10.43	0.0500	10.18	0.3677	0.1143	69	0.66	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0123	10.44	0.1700	10.18	0.3677	0.1143	69	0.69	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2337	10.47	0.0400	10.18	0.3677	0.1143	69	0.78	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2459	10.48	0.2100	10.18	0.3677	0.1143	69	0.80	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 (%)	2006	10.48	0.2000	10.18	0.3677	0.1143	69	0.81	1%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0541	10.50	0.1400	10.18	0.3677	0.1143	69	0.86	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0066	10.53	0.2100	10.18	0.3677	0.1143	69	0.93	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0242	10.53	0.0500	10.18	0.3677	0.1143	69	0.93	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0358	10.60	0.3100	10.18	0.3677	0.1143	69	1.12	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0229	10.66	0.8600	10.18	0.3677	0.1143	69	1.30	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0870	10.66	0.0035	10.18	0.3677	0.1143	69	1.31	2%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0004	10.70	0.1900	10.18	0.3677	0.1143	69	1.39	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0589	10.74	0.1700	10.18	0.3677	0.1143	69	1.50	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0407	10.77	0.0599	10.18	0.3677	0.1143	69	1.61	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2246	10.84	0.0500	10.18	0.3677	0.1143	69	1.78	3%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	0852	12.89	0.2300	10.18	0.3677	0.1143	69	7.35	13%	0
011.01	Loss on Drying, HT, 135°C 2hr (%)	2200	8.900	1.200	10.18	0.3677	0.1143	69	-3.49	6%	1
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0942	9.855	0.0900				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0529	9.915	0.0700				3			0
011.02	Loss on Drying, HT, 130°C for 2 hours (%)	0852	12.89	0.2300				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	0852	9.500	0.1000				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2303	9.520	0.0870				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2168	10.61	0.9640				3			0
011.99	Loss on Drying, HT, High Temp. Methods Misc	2276	92.35	0.3000				3			2
012.00	Starch, Polarimetric (Ewers) (%)	0848	13.48	0.0000	14.07	0.5290	0.2457	14	-1.12	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0875	13.55	0.2100	14.07	0.5290	0.2457	14	-1.00	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0689	13.55	0.5000	14.07	0.5290	0.2457	14	-0.99	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2196	13.55	0.0000	14.07	0.5290	0.2457	14	-0.99	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	2446	13.78	0.2050	14.07	0.5290	0.2457	14	-0.55	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0610	13.90	0.0000	14.07	0.5290	0.2457	14	-0.33	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2192	13.99	0.0500	14.07	0.5290	0.2457	14	-0.16	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	2188	14.03	0.6000	14.07	0.5290	0.2457	14	-0.08	0%	0
012.00	Starch, Polarimetric (Ewers) (%)	0619	14.30	0.0000	14.07	0.5290	0.2457	14	0.43	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	0354	14.33	0.0600	14.07	0.5290	0.2457	14	0.49	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2181	14.41	0.1100	14.07	0.5290	0.2457	14	0.63	1%	0
012.00	Starch, Polarimetric (Ewers) (%)	2006	14.55	0.3700	14.07	0.5290	0.2457	14	0.89	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0941	14.76	0.1000	14.07	0.5290	0.2457	14	1.30	2%	0
012.00	Starch, Polarimetric (Ewers) (%)	0164	14.85	0.3000	14.07	0.5290	0.2457	14	1.47	3%	0
012.00	Starch, Polarimetric (Ewers) (%)	2195	12.25	1.030	14.07	0.5290	0.2457	14	-3.45	6%	1
012.00	Starch, Polarimetric (Ewers) (%)	0910	1.170	0.0600	14.07	0.5290	0.2457	14	-24.39	46%	2
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0596	8.350	0.3000	11.82	2.519	0.3717	14	-1.38	15%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0164	8.950	0.5000	11.82	2.519	0.3717	14	-1.14	12%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0918	9.054	0.4810	11.82	2.519	0.3717	14	-1.10	12%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0676	10.82	0.0700	11.82	2.519	0.3717	14	-0.40	4%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0870	11.36	0.2628	11.82	2.519	0.3717	14	-0.18	2%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0956	11.45	1.100	11.82	2.519	0.3717	14	-0.15	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	
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0045	11.55	0.1000	11.82	2.519	0.3717	14	-0.11	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0407	11.62	0.6771	11.82	2.519	0.3717	14	-0.08	1%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0148	11.74	0.3500	11.82	2.519	0.3717	14	-0.03	0%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0171	12.55	0.1400	11.82	2.519	0.3717	14	0.29	3%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0693	12.90	0.3430	11.82	2.519	0.3717	14	0.43	5%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	2089	13.94	0.0200	11.82	2.519	0.3717	14	0.84	9%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0885	17.07	0.3352	11.82	2.519	0.3717	14	2.08	22%	0
012.01	Starch, Enzymatic-Colorimetric Method (Megaz	0613	28.72	0.9700	11.82	2.519	0.3717	14	6.71	71%	0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0407	10.79	0.0993				2			0
012.03	Starch, Enzymatic-Colorimetric Method, Miscell	0297	11.05	0.0900				2			0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	2129	11.12	0.0400	12.24	0.9485	0.4568	7	-1.18	5%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0510	11.55	0.1000	12.24	0.9485	0.4568	7	-0.73	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0278	11.69	0.2500	12.24	0.9485	0.4568	7	-0.59	2%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0226	12.10	0.3300	12.24	0.9485	0.4568	7	-0.16	1%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0948	13.01	1.121	12.24	0.9485	0.4568	7	0.81	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0674	13.09	0.0000	12.24	0.9485	0.4568	7	0.89	3%	0
012.04	Starch, Enzymatic-Enzyme Membrane Technol	0098	13.15	0.9000	12.24	0.9485	0.4568	7	0.96	4%	0
012.11	Starch, NIR (%)	0852	5.580	0.0000	11.94	4.552	0.2000	4			0
012.11	Starch, NIR (%)	0889	12.77	0.2400	11.94	4.552	0.2000	4			0
012.11	Starch, NIR (%)	0613	12.99	0.0500	11.94	4.552	0.2000	4			0
012.11	Starch, NIR (%)	0297	16.41	0.3100	11.94	4.552	0.2000	4			0
012.20	Starch, Dietary, Enzymatic-Colorimetric (%)	0353	11.19	0.0700				1			0
012.99	Starch, Miscellaneous (%)	2319	12.15	0.1000				3			0
012.99	Starch, Miscellaneous (%)	0066	12.30	0.5430				3			0
012.99	Starch, Miscellaneous (%)	2022	33.83	0.0100				3			0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2345	3.230	0.0800	4.557	0.6166	0.1913	20	-2.15	15%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0618	3.580	0.5600	4.557	0.6166	0.1913	20	-1.58	11%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2146	3.985	0.0700	4.557	0.6166	0.1913	20	-0.93	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2076	4.015	0.0300	4.557	0.6166	0.1913	20	-0.88	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0689	4.100	0.2000	4.557	0.6166	0.1913	20	-0.74	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0941	4.125	0.0700	4.557	0.6166	0.1913	20	-0.70	5%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0229	4.165	0.3500	4.557	0.6166	0.1913	20	-0.64	4%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0083	4.305	0.1700	4.557	0.6166	0.1913	20	-0.41	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2144	4.500	0.0600	4.557	0.6166	0.1913	20	-0.09	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2319	4.500	0.0000	4.557	0.6166	0.1913	20	-0.09	1%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0652	4.750	0.1000	4.557	0.6166	0.1913	20	0.31	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	2446	4.783	0.0440	4.557	0.6166	0.1913	20	0.37	2%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0884	4.800	0.0000	4.557	0.6166	0.1913	20	0.39	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0910	4.830	0.1400	4.557	0.6166	0.1913	20	0.44	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0948	4.835	0.0700	4.557	0.6166	0.1913	20	0.45	3%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0541	5.060	0.1400	4.557	0.6166	0.1913	20	0.82	6%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0675	5.220	0.4000	4.557	0.6166	0.1913	20	1.07	7%	0

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013.00	Fat, Pretreat, Acid hydrolysis (%)	2150	5.245	0.2300	4.557	0.6166	0.1913	20	1.12	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0297	5.270	0.4000	4.557	0.6166	0.1913	20	1.16	8%	0
013.00	Fat, Pretreat, Acid hydrolysis (%)	0202	5.390	0.5000	4.557	0.6166	0.1913	20	1.35	9%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0038	4.245	0.0100	5.106	0.4419	0.0819	15	-1.95	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0098	4.575	0.0300	5.106	0.4419	0.0819	15	-1.20	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0100	4.680	0.1000	5.106	0.4419	0.0819	15	-0.96	4%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0563	4.828	0.0493	5.106	0.4419	0.0819	15	-0.63	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0853	4.850	0.1000	5.106	0.4419	0.0819	15	-0.58	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0914	5.000	0.1600	5.106	0.4419	0.0819	15	-0.24	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0643	5.062	0.0420	5.106	0.4419	0.0819	15	-0.10	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0870	5.076	0.2317	5.106	0.4419	0.0819	15	-0.07	0%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0164	5.180	0.0200	5.106	0.4419	0.0819	15	0.17	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0148	5.205	0.1700	5.106	0.4419	0.0819	15	0.22	1%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0016	5.300	0.0200	5.106	0.4419	0.0819	15	0.44	2%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0676	5.460	0.0200	5.106	0.4419	0.0819	15	0.80	3%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0407	5.575	0.2100	5.106	0.4419	0.0819	15	1.06	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	2259	5.585	0.0030	5.106	0.4419	0.0819	15	1.08	5%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0682	5.940	0.0000	5.106	0.4419	0.0819	15	1.89	8%	0
013.02	Fat, Pretreat, Mojonnier, Bak Ext, Acid hydrolys	0921	5.735	0.5105	5.106	0.4419	0.0819	15	1.42	6%	1
013.08	Fat, Pretreat, Roese-Gottlieb Modified, Alkaline	0618	2.300	0.4800				1			0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2268	3.870	0.0800	4.280	0.3635	0.1015	7	-1.13	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0939	3.885	0.0700	4.280	0.3635	0.1015	7	-1.09	5%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2196	4.220	0.0000	4.280	0.3635	0.1015	7	-0.16	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0036	4.304	0.1988	4.280	0.3635	0.1015	7	0.07	0%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0610	4.375	0.1300	4.280	0.3635	0.1015	7	0.26	1%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	2349	4.625	0.0300	4.280	0.3635	0.1015	7	0.95	4%	0
013.10	Fat, Pretreat, Soxtec-Acid Hydrolysis (%)	0353	4.680	0.1000	4.280	0.3635	0.1015	7	1.10	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2129	3.453	0.1760	4.915	1.028	0.2176	8	-1.42	15%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	2433	3.899	0.0186	4.915	1.028	0.2176	8	-0.99	10%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0354	4.375	0.3300	4.915	1.028	0.2176	8	-0.53	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0968	5.135	0.4100	4.915	1.028	0.2176	8	0.21	2%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0581	5.290	0.0400	4.915	1.028	0.2176	8	0.36	4%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0407	5.421	0.1776	4.915	1.028	0.2176	8	0.49	5%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0876	5.850	0.6000	4.915	1.028	0.2176	8	0.91	10%	0
013.13	Fat, Pretreat, Ankom- Acid Hydrolysis (%)	0843	5.900	0.0400	4.915	1.028	0.2176	8	0.96	10%	0
015.41	Aluminum, ICP, Dry ash (ppm)	0049	114.0	5.340				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0164	134.5	7.000				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0407	137.3	5.464				3			0
015.41	Aluminum, ICP, Dry ash (ppm)	0520	157.5	38.17				3			1
015.42	Aluminum, ICP, Open vessel (ppm)	0692	95.00	8.000				2			0
015.42	Aluminum, ICP, Open vessel (ppm)	2129	100.4	5.010				2			0
015.43	Aluminum, ICP, Microwave (ppm)	0510	93.50	1.000	151.8	21.31	3.759	8	-2.74	19%	0

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015.43	Aluminum, ICP, Microwave (ppm)	0297	134.5	1.000	151.8	21.31	3.759	8	-0.81	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0169	145.0	2.000	151.8	21.31	3.759	8	-0.32	2%	0
015.43	Aluminum, ICP, Microwave (ppm)	0407	150.1	0.4468	151.8	21.31	3.759	8	-0.08	1%	0
015.43	Aluminum, ICP, Microwave (ppm)	0345	152.7	6.300	151.8	21.31	3.759	8	0.04	0%	0
015.43	Aluminum, ICP, Microwave (ppm)	0964	168.0	8.000	151.8	21.31	3.759	8	0.76	5%	0
015.43	Aluminum, ICP, Microwave (ppm)	0353	170.1	19.53	151.8	21.31	3.759	8	0.86	6%	0
015.43	Aluminum, ICP, Microwave (ppm)	0226	174.2	0.9900	151.8	21.31	3.759	8	1.05	7%	0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0939	141.5	7.000				2			0
015.53	Aluminum, ICP-MS, Microwave (ppm)	0407	149.8	0.9995				2			0
015.99	Aluminum, Miscellaneous (ppm)	0123	110.0	0.0000				1			0
017.41	Boron, ICP, Dry ash (ppm)	0229	6.975	0.6300	8.092	0.7441	0.4476	5			0
017.41	Boron, ICP, Dry ash (ppm)	0358	7.825	0.1700	8.092	0.7441	0.4476	5			0
017.41	Boron, ICP, Dry ash (ppm)	0226	8.305	0.2900	8.092	0.7441	0.4476	5			0
017.41	Boron, ICP, Dry ash (ppm)	0407	8.389	0.0980	8.092	0.7441	0.4476	5			0
017.41	Boron, ICP, Dry ash (ppm)	0049	8.965	1.050	8.092	0.7441	0.4476	5			0
017.42	Boron, ICP, Open vessel (ppm)	0045	7.695	1.390	8.868	1.450	0.6823	4			0
017.42	Boron, ICP, Open vessel (ppm)	0693	7.786	0.7990	8.868	1.450	0.6823	4			0
017.42	Boron, ICP, Open vessel (ppm)	2129	9.215	0.1500	8.868	1.450	0.6823	4			0
017.42	Boron, ICP, Open vessel (ppm)	0294	10.78	0.3900	8.868	1.450	0.6823	4			0
017.43	Boron, ICP, Microwave (ppm)	0510	7.000	0.0000	8.243	0.9838	0.2438	6	-1.26	8%	0
017.43	Boron, ICP, Microwave (ppm)	0226	7.745	0.1900	8.243	0.9838	0.2438	6	-0.51	3%	0
017.43	Boron, ICP, Microwave (ppm)	0345	7.875	0.2500	8.243	0.9838	0.2438	6	-0.37	2%	0
017.43	Boron, ICP, Microwave (ppm)	0407	8.643	0.1691	8.243	0.9838	0.2438	6	0.41	2%	0
017.43	Boron, ICP, Microwave (ppm)	0918	8.770	0.0800	8.243	0.9838	0.2438	6	0.54	3%	0
017.43	Boron, ICP, Microwave (ppm)	0353	9.425	0.5300	8.243	0.9838	0.2438	6	1.20	7%	0
017.43	Boron, ICP, Microwave (ppm)	0083	10.12	1.610	8.243	0.9838	0.2438	6	1.90	11%	1
017.43	Boron, ICP, Microwave (ppm)	0297	0.0000	0.0000	8.243	0.9838	0.2438	6			4
017.53	Boron, ICP-MS, Microwave (ppm)	0407	8.091	0.4724				1			0
017.99	Boron, Miscellaneous (ppm)	0123	8.535	0.2500				1			0
019.00	Calcium, Ox-Mn04 Vol. (%)	2006	1.574	0.1910	1.689	0.0820	0.0503	7	-1.41	3%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2022	1.635	0.0100	1.689	0.0820	0.0503	7	-0.66	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2181	1.650	0.1000	1.689	0.0820	0.0503	7	-0.48	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2446	1.709	0.0090	1.689	0.0820	0.0503	7	0.24	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2190	1.727	0.0169	1.689	0.0820	0.0503	7	0.46	1%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2302	1.760	0.0000	1.689	0.0820	0.0503	7	0.86	2%	0
019.00	Calcium, Ox-Mn04 Vol. (%)	2109	1.771	0.0040	1.689	0.0820	0.0503	7	1.00	2%	0
019.02	Calcium, Hach Method (%)	0536	1.715	0.2100				1			0
019.08	Calcium, EDTA (%)	2200	1.570	0.0600	1.732	0.1042	0.0268	12	-1.56	5%	0
019.08	Calcium, EDTA (%)	0629	1.615	0.0300	1.732	0.1042	0.0268	12	-1.12	3%	0
019.08	Calcium, EDTA (%)	2195	1.660	0.0200	1.732	0.1042	0.0268	12	-0.69	2%	0
019.08	Calcium, EDTA (%)	2188	1.695	0.0100	1.732	0.1042	0.0268	12	-0.36	1%	0
019.08	Calcium, EDTA (%)	2009	1.708	0.0039	1.732	0.1042	0.0268	12	-0.23	1%	0

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019.08	Calcium, EDTA (%)	2196	1.715	0.0000	1.732	0.1042	0.0268	12	-0.17	0%	0
019.08	Calcium, EDTA (%)	0885	1.744	0.0232	1.732	0.1042	0.0268	12	0.11	0%	0
019.08	Calcium, EDTA (%)	2337	1.750	0.0200	1.732	0.1042	0.0268	12	0.17	1%	0
019.08	Calcium, EDTA (%)	2434	1.780	0.0000	1.732	0.1042	0.0268	12	0.46	1%	0
019.08	Calcium, EDTA (%)	0689	1.795	0.0700	1.732	0.1042	0.0268	12	0.60	2%	0
019.08	Calcium, EDTA (%)	2199	1.860	0.0200	1.732	0.1042	0.0268	12	1.23	4%	0
019.08	Calcium, EDTA (%)	2340	1.905	0.0280	1.732	0.1042	0.0268	12	1.66	5%	0
019.09	Calcium, Ion-selective electrode (%)	2006	1.534	0.0200				1			0
019.31	Calcium, AAS, Dry ash (%)	2453	1.492	0.0756	1.666	0.1143	0.0229	16	-1.52	5%	0
019.31	Calcium, AAS, Dry ash (%)	2246	1.525	0.0100	1.666	0.1143	0.0229	16	-1.23	4%	0
019.31	Calcium, AAS, Dry ash (%)	0108	1.565	0.0700	1.666	0.1143	0.0229	16	-0.88	3%	0
019.31	Calcium, AAS, Dry ash (%)	0038	1.575	0.0300	1.666	0.1143	0.0229	16	-0.80	3%	0
019.31	Calcium, AAS, Dry ash (%)	2146	1.580	0.0000	1.666	0.1143	0.0229	16	-0.75	3%	0
019.31	Calcium, AAS, Dry ash (%)	0948	1.625	0.0100	1.666	0.1143	0.0229	16	-0.36	1%	0
019.31	Calcium, AAS, Dry ash (%)	0001	1.633	0.0220	1.666	0.1143	0.0229	16	-0.29	1%	0
019.31	Calcium, AAS, Dry ash (%)	0536	1.670	0.0200	1.666	0.1143	0.0229	16	0.03	0%	0
019.31	Calcium, AAS, Dry ash (%)	0622	1.678	0.0124	1.666	0.1143	0.0229	16	0.11	0%	0
019.31	Calcium, AAS, Dry ash (%)	0651	1.688	0.0332	1.666	0.1143	0.0229	16	0.19	1%	0
019.31	Calcium, AAS, Dry ash (%)	2196	1.708	0.0000	1.666	0.1143	0.0229	16	0.37	1%	0
019.31	Calcium, AAS, Dry ash (%)	0939	1.730	0.0200	1.666	0.1143	0.0229	16	0.56	2%	0
019.31	Calcium, AAS, Dry ash (%)	2325	1.785	0.0100	1.666	0.1143	0.0229	16	1.04	4%	0
019.31	Calcium, AAS, Dry ash (%)	0884	1.795	0.0100	1.666	0.1143	0.0229	16	1.13	4%	0
019.31	Calcium, AAS, Dry ash (%)	0687	1.800	0.0400	1.666	0.1143	0.0229	16	1.17	4%	0
019.31	Calcium, AAS, Dry ash (%)	0529	1.805	0.0100	1.666	0.1143	0.0229	16	1.22	4%	0
019.31	Calcium, AAS, Dry ash (%)	0563	3.496	0.0542	1.666	0.1143	0.0229	16	16.01	55%	2
019.32	Calcium, AAS, Open vessel (%)	0169	1.715	0.0300				1			0
019.41	Calcium, ICP, Dry ash (%)	2259	1.523	0.0770	1.702	0.0805	0.0488	21	-2.22	5%	0
019.41	Calcium, ICP, Dry ash (%)	0229	1.570	0.0800	1.702	0.0805	0.0488	21	-1.63	4%	0
019.41	Calcium, ICP, Dry ash (%)	0004	1.590	0.0000	1.702	0.0805	0.0488	21	-1.39	3%	0
019.41	Calcium, ICP, Dry ash (%)	0148	1.635	0.0700	1.702	0.0805	0.0488	21	-0.83	2%	0
019.41	Calcium, ICP, Dry ash (%)	0619	1.660	0.0400	1.702	0.0805	0.0488	21	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0685	1.660	0.0400	1.702	0.0805	0.0488	21	-0.52	1%	0
019.41	Calcium, ICP, Dry ash (%)	0520	1.667	0.0340	1.702	0.0805	0.0488	21	-0.43	1%	0
019.41	Calcium, ICP, Dry ash (%)	0144	1.670	0.0400	1.702	0.0805	0.0488	21	-0.39	1%	0
019.41	Calcium, ICP, Dry ash (%)	0674	1.690	0.0000	1.702	0.0805	0.0488	21	-0.14	0%	0
019.41	Calcium, ICP, Dry ash (%)	0019	1.695	0.0200	1.702	0.0805	0.0488	21	-0.08	0%	0
019.41	Calcium, ICP, Dry ash (%)	0226	1.705	0.0100	1.702	0.0805	0.0488	21	0.04	0%	0
019.41	Calcium, ICP, Dry ash (%)	0098	1.715	0.0700	1.702	0.0805	0.0488	21	0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0066	1.715	0.0600	1.702	0.0805	0.0488	21	0.17	0%	0
019.41	Calcium, ICP, Dry ash (%)	0358	1.730	0.0000	1.702	0.0805	0.0488	21	0.35	1%	0
019.41	Calcium, ICP, Dry ash (%)	0171	1.740	0.0000	1.702	0.0805	0.0488	21	0.48	1%	0
019.41	Calcium, ICP, Dry ash (%)	0049	1.745	0.1500	1.702	0.0805	0.0488	21	0.54	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
019.41	Calcium, ICP, Dry ash (%)	0598	1.747	0.0003	1.702	0.0805	0.0488	21	0.57	1%	0
019.41	Calcium, ICP, Dry ash (%)	0910	1.765	0.1100	1.702	0.0805	0.0488	21	0.79	2%	0
019.41	Calcium, ICP, Dry ash (%)	0074	1.800	0.0400	1.702	0.0805	0.0488	21	1.22	3%	0
019.41	Calcium, ICP, Dry ash (%)	0413	1.820	0.0400	1.702	0.0805	0.0488	21	1.47	3%	0
019.41	Calcium, ICP, Dry ash (%)	0407	1.899	0.0048	1.702	0.0805	0.0488	21	2.45	6%	0
019.42	Calcium, ICP, Open vessel (%)	0026	1.559	0.0340	1.746	0.1458	0.0706	20	-1.28	5%	0
019.42	Calcium, ICP, Open vessel (%)	0009	1.577	0.0073	1.746	0.1458	0.0706	20	-1.16	5%	0
019.42	Calcium, ICP, Open vessel (%)	0045	1.590	0.2800	1.746	0.1458	0.0706	20	-1.07	4%	0
019.42	Calcium, ICP, Open vessel (%)	0870	1.621	0.0880	1.746	0.1458	0.0706	20	-0.86	4%	0
019.42	Calcium, ICP, Open vessel (%)	2129	1.630	0.0400	1.746	0.1458	0.0706	20	-0.80	3%	0
019.42	Calcium, ICP, Open vessel (%)	0263	1.650	0.0330	1.746	0.1458	0.0706	20	-0.66	3%	0
019.42	Calcium, ICP, Open vessel (%)	0202	1.685	0.0100	1.746	0.1458	0.0706	20	-0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0693	1.689	0.2610	1.746	0.1458	0.0706	20	-0.39	2%	0
019.42	Calcium, ICP, Open vessel (%)	0357	1.691	0.0016	1.746	0.1458	0.0706	20	-0.38	2%	0
019.42	Calcium, ICP, Open vessel (%)	2319	1.705	0.0700	1.746	0.1458	0.0706	20	-0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	0278	1.750	0.0800	1.746	0.1458	0.0706	20	0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0294	1.750	0.1000	1.746	0.1458	0.0706	20	0.03	0%	0
019.42	Calcium, ICP, Open vessel (%)	0186	1.787	0.0284	1.746	0.1458	0.0706	20	0.28	1%	0
019.42	Calcium, ICP, Open vessel (%)	2433	1.807	0.0622	1.746	0.1458	0.0706	20	0.42	2%	0
019.42	Calcium, ICP, Open vessel (%)	0504	1.825	0.0900	1.746	0.1458	0.0706	20	0.54	2%	0
019.42	Calcium, ICP, Open vessel (%)	0042	1.835	0.1500	1.746	0.1458	0.0706	20	0.61	3%	0
019.42	Calcium, ICP, Open vessel (%)	0692	1.905	0.0700	1.746	0.1458	0.0706	20	1.09	5%	0
019.42	Calcium, ICP, Open vessel (%)	0190	1.945	0.0100	1.746	0.1458	0.0706	20	1.37	6%	0
019.42	Calcium, ICP, Open vessel (%)	0613	1.955	0.1900	1.746	0.1458	0.0706	20	1.43	6%	0
019.42	Calcium, ICP, Open vessel (%)	0726	2.145	0.0500	1.746	0.1458	0.0706	20	2.74	11%	0
019.43	Calcium, ICP, Microwave (%)	0089	1.435	0.0100	1.742	0.0716	0.0458	36	-4.29	9%	0
019.43	Calcium, ICP, Microwave (%)	0018	1.525	0.0100	1.742	0.0716	0.0458	36	-3.03	6%	0
019.43	Calcium, ICP, Microwave (%)	2192	1.565	0.0300	1.742	0.0716	0.0458	36	-2.47	5%	0
019.43	Calcium, ICP, Microwave (%)	0297	1.605	0.0500	1.742	0.0716	0.0458	36	-1.91	4%	0
019.43	Calcium, ICP, Microwave (%)	0511	1.635	0.0100	1.742	0.0716	0.0458	36	-1.49	3%	0
019.43	Calcium, ICP, Microwave (%)	0848	1.660	0.0400	1.742	0.0716	0.0458	36	-1.14	2%	0
019.43	Calcium, ICP, Microwave (%)	0011	1.680	0.0000	1.742	0.0716	0.0458	36	-0.86	2%	0
019.43	Calcium, ICP, Microwave (%)	0010	1.690	0.0800	1.742	0.0716	0.0458	36	-0.72	1%	0
019.43	Calcium, ICP, Microwave (%)	0036	1.706	0.0604	1.742	0.0716	0.0458	36	-0.50	1%	0
019.43	Calcium, ICP, Microwave (%)	0629	1.710	0.0000	1.742	0.0716	0.0458	36	-0.44	1%	0
019.43	Calcium, ICP, Microwave (%)	0226	1.715	0.0500	1.742	0.0716	0.0458	36	-0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	2089	1.715	0.0100	1.742	0.0716	0.0458	36	-0.37	1%	0
019.43	Calcium, ICP, Microwave (%)	0017	1.722	0.0096	1.742	0.0716	0.0458	36	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0870	1.723	0.0990	1.742	0.0716	0.0458	36	-0.27	1%	0
019.43	Calcium, ICP, Microwave (%)	0675	1.725	0.0500	1.742	0.0716	0.0458	36	-0.23	0%	0
019.43	Calcium, ICP, Microwave (%)	0027	1.734	0.0420	1.742	0.0716	0.0458	36	-0.11	0%	0
019.43	Calcium, ICP, Microwave (%)	0006	1.736	0.0201	1.742	0.0716	0.0458	36	-0.08	0%	0

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019.43	Calcium, ICP, Microwave (%)	0354	1.737	0.0230	1.742	0.0716	0.0458	36	-0.07	0%	0
019.43	Calcium, ICP, Microwave (%)	0300	1.740	0.1000	1.742	0.0716	0.0458	36	-0.02	0%	0
019.43	Calcium, ICP, Microwave (%)	0964	1.749	0.0500	1.742	0.0716	0.0458	36	0.10	0%	0
019.43	Calcium, ICP, Microwave (%)	0968	1.762	0.0230	1.742	0.0716	0.0458	36	0.28	1%	0
019.43	Calcium, ICP, Microwave (%)	0876	1.770	0.0800	1.742	0.0716	0.0458	36	0.40	1%	0
019.43	Calcium, ICP, Microwave (%)	0512	1.771	0.0360	1.742	0.0716	0.0458	36	0.41	1%	0
019.43	Calcium, ICP, Microwave (%)	0510	1.775	0.0900	1.742	0.0716	0.0458	36	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0918	1.776	0.0130	1.742	0.0716	0.0458	36	0.47	1%	0
019.43	Calcium, ICP, Microwave (%)	0001	1.785	0.1100	1.742	0.0716	0.0458	36	0.61	1%	0
019.43	Calcium, ICP, Microwave (%)	0083	1.790	0.0200	1.742	0.0716	0.0458	36	0.68	1%	0
019.43	Calcium, ICP, Microwave (%)	0345	1.790	0.1000	1.742	0.0716	0.0458	36	0.68	1%	0
019.43	Calcium, ICP, Microwave (%)	0035	1.795	0.0500	1.742	0.0716	0.0458	36	0.75	2%	0
019.43	Calcium, ICP, Microwave (%)	0353	1.800	0.0400	1.742	0.0716	0.0458	36	0.82	2%	0
019.43	Calcium, ICP, Microwave (%)	0505	1.814	0.0630	1.742	0.0716	0.0458	36	1.00	2%	0
019.43	Calcium, ICP, Microwave (%)	0038	1.815	0.1900	1.742	0.0716	0.0458	36	1.02	2%	0
019.43	Calcium, ICP, Microwave (%)	0682	1.820	0.0000	1.742	0.0716	0.0458	36	1.09	2%	0
019.43	Calcium, ICP, Microwave (%)	0610	1.835	0.0300	1.742	0.0716	0.0458	36	1.30	3%	0
019.43	Calcium, ICP, Microwave (%)	0407	1.841	0.0112	1.742	0.0716	0.0458	36	1.39	3%	0
019.43	Calcium, ICP, Microwave (%)	0098	1.875	0.0100	1.742	0.0716	0.0458	36	1.86	4%	0
019.43	Calcium, ICP, Microwave (%)	2326	1.820	0.2200	1.742	0.0716	0.0458	36	1.09	2%	1
019.44	Calcium, ICP, Dry ash (%)	2114	1.754	0.0351				2			0
019.44	Calcium, ICP, Dry ash (%)	0164	1.775	0.0100				2			0
019.51	Calcium, ICP-MS, Dry ash (%)	2146	1.540	0.0200				1			0
019.52	Calcium, ICP-MS, Open vessel (%)	0186	1.817	0.0827				1			0
019.53	Calcium, ICP-MS, Microwave (%)	0407	1.732	0.0771				2			0
019.53	Calcium, ICP-MS, Microwave (%)	0939	1.735	0.0500				2			0
019.99	Calcium, Miscellaneous (%)	0676	1.485	0.0700	1.741	0.2040	0.0783	6	-1.25	7%	0
019.99	Calcium, Miscellaneous (%)	0242	1.580	0.0400	1.741	0.2040	0.0783	6	-0.79	5%	0
019.99	Calcium, Miscellaneous (%)	0123	1.735	0.0900	1.741	0.2040	0.0783	6	-0.03	0%	0
019.99	Calcium, Miscellaneous (%)	0100	1.800	0.1600	1.741	0.2040	0.0783	6	0.29	2%	0
019.99	Calcium, Miscellaneous (%)	0889	1.900	0.1000	1.741	0.2040	0.0783	6	0.78	5%	0
019.99	Calcium, Miscellaneous (%)	2302	1.945	0.0100	1.741	0.2040	0.0783	6	1.00	6%	0
021.00	Cobalt, Color (ppm)	0226	3.340	0.0600				1			0
021.31	Cobalt, AAS, Dry ash (ppm)	0563	2.655	0.0208				2			0
021.31	Cobalt, AAS, Dry ash (ppm)	0939	3.950	0.1000				2			0
021.41	Cobalt, ICP, Dry ash (ppm)	0066	3.009	0.0710				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0164	3.050	0.1000				3			0
021.41	Cobalt, ICP, Dry ash (ppm)	0407	3.471	0.1374				3			0
021.42	Cobalt, ICP, Open vessel (ppm)	0693	2.585	0.0940				2			0
021.42	Cobalt, ICP, Open vessel (ppm)	0045	3.595	0.3100				2			0
021.43	Cobalt, ICP, Microwave (ppm)	0345	2.645	0.0100	3.432	0.3842	0.0894	8	-2.05	11%	0
021.43	Cobalt, ICP, Microwave (ppm)	0297	3.000	0.0000	3.432	0.3842	0.0894	8	-1.12	6%	0

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021.43	Cobalt, ICP, Microwave (ppm)	0510	3.395	0.0500	3.432	0.3842	0.0894	8	-0.10	1%	0
021.43	Cobalt, ICP, Microwave (ppm)	0964	3.430	0.2200	3.432	0.3842	0.0894	8	0.00	0%	0
021.43	Cobalt, ICP, Microwave (ppm)	0407	3.639	0.1665	3.432	0.3842	0.0894	8	0.54	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0629	3.665	0.0300	3.432	0.3842	0.0894	8	0.61	3%	0
021.43	Cobalt, ICP, Microwave (ppm)	0682	3.700	0.0000	3.432	0.3842	0.0894	8	0.70	4%	0
021.43	Cobalt, ICP, Microwave (ppm)	0169	3.770	0.0600	3.432	0.3842	0.0894	8	0.88	5%	0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0910	2.635	0.1100				2			0
021.52	Cobalt, ICP-MS, Open vessel (ppm)	0186	2.765	0.1300				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0939	3.325	0.0500				2			0
021.53	Cobalt, ICP-MS, Microwave (ppm)	0407	3.883	0.0324				2			0
021.99	Cobalt, Miscellaneous (ppm)	0123	3.200	0.1200				1			0
022.31	Copper, AAS, Dry ash (ppm)	0651	73.94	0.9223	83.84	7.668	2.419	11	-1.29	6%	0
022.31	Copper, AAS, Dry ash (ppm)	0536	75.00	0.4000	83.84	7.668	2.419	11	-1.15	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0001	75.66	3.420	83.84	7.668	2.419	11	-1.07	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0622	80.46	0.6232	83.84	7.668	2.419	11	-0.44	2%	0
022.31	Copper, AAS, Dry ash (ppm)	2195	83.33	7.400	83.84	7.668	2.419	11	-0.07	0%	0
022.31	Copper, AAS, Dry ash (ppm)	0529	85.10	4.000	83.84	7.668	2.419	11	0.16	1%	0
022.31	Copper, AAS, Dry ash (ppm)	2196	85.32	0.0000	83.84	7.668	2.419	11	0.19	1%	0
022.31	Copper, AAS, Dry ash (ppm)	0596	90.16	0.1800	83.84	7.668	2.419	11	0.82	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0939	90.17	0.4500	83.84	7.668	2.419	11	0.82	4%	0
022.31	Copper, AAS, Dry ash (ppm)	0884	91.45	4.900	83.84	7.668	2.419	11	0.99	5%	0
022.31	Copper, AAS, Dry ash (ppm)	0563	91.65	3.188	83.84	7.668	2.419	11	1.02	5%	0
022.32	Copper, AAS, Open vessel (ppm)	0038	90.00	3.800				1			0
022.33	Copper, AAS, Microwave (ppm)	0948	81.70	1.820				1			0
022.35	Copper, AAS, Dry ash (ppm)	2188	66.53	0.7600				1			0
022.41	Copper, ICP, Dry ash (ppm)	0004	60.20	2.330	82.52	9.839	3.690	16	-2.27	14%	0
022.41	Copper, ICP, Dry ash (ppm)	0019	71.74	5.495	82.52	9.839	3.690	16	-1.10	7%	0
022.41	Copper, ICP, Dry ash (ppm)	0358	72.72	3.480	82.52	9.839	3.690	16	-1.00	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0598	73.84	1.984	82.52	9.839	3.690	16	-0.88	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0619	75.85	2.700	82.52	9.839	3.690	16	-0.68	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0171	78.20	1.400	82.52	9.839	3.690	16	-0.44	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0229	79.08	1.490	82.52	9.839	3.690	16	-0.35	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0520	81.34	2.878	82.52	9.839	3.690	16	-0.12	1%	0
022.41	Copper, ICP, Dry ash (ppm)	0049	85.46	12.70	82.52	9.839	3.690	16	0.30	2%	0
022.41	Copper, ICP, Dry ash (ppm)	0674	87.06	0.0000	82.52	9.839	3.690	16	0.46	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0226	87.10	2.030	82.52	9.839	3.690	16	0.46	3%	0
022.41	Copper, ICP, Dry ash (ppm)	0407	88.51	4.903	82.52	9.839	3.690	16	0.61	4%	0
022.41	Copper, ICP, Dry ash (ppm)	0148	90.42	12.63	82.52	9.839	3.690	16	0.80	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0098	91.53	1.630	82.52	9.839	3.690	16	0.91	5%	0
022.41	Copper, ICP, Dry ash (ppm)	0848	92.52	0.8680	82.52	9.839	3.690	16	1.02	6%	0
022.41	Copper, ICP, Dry ash (ppm)	0910	100.0	8.000	82.52	9.839	3.690	16	1.78	11%	0
022.42	Copper, ICP, Open vessel (ppm)	0870	82.30	3.440	96.55	7.362	4.421	21	-1.94	7%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
022.42	Copper, ICP, Open vessel (ppm)	0263	87.75	2.434	96.55	7.362	4.421	21	-1.20	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0026	87.89	12.43	96.55	7.362	4.421	21	-1.18	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0504	89.65	9.100	96.55	7.362	4.421	21	-0.94	4%	0
022.42	Copper, ICP, Open vessel (ppm)	2319	89.85	7.900	96.55	7.362	4.421	21	-0.91	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0202	91.00	1.000	96.55	7.362	4.421	21	-0.75	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0009	92.50	15.00	96.55	7.362	4.421	21	-0.55	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0042	93.50	3.400	96.55	7.362	4.421	21	-0.41	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0413	93.55	1.500	96.55	7.362	4.421	21	-0.41	2%	0
022.42	Copper, ICP, Open vessel (ppm)	0278	94.00	0.0000	96.55	7.362	4.421	21	-0.35	1%	0
022.42	Copper, ICP, Open vessel (ppm)	0045	95.90	3.200	96.55	7.362	4.421	21	-0.09	0%	0
022.42	Copper, ICP, Open vessel (ppm)	0186	99.90	5.320	96.55	7.362	4.421	21	0.46	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2129	100.3	3.980	96.55	7.362	4.421	21	0.51	2%	0
022.42	Copper, ICP, Open vessel (ppm)	2433	101.5	3.164	96.55	7.362	4.421	21	0.67	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0685	101.9	2.000	96.55	7.362	4.421	21	0.72	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0294	102.5	1.540	96.55	7.362	4.421	21	0.81	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0357	102.6	0.7860	96.55	7.362	4.421	21	0.82	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0693	102.6	9.438	96.55	7.362	4.421	21	0.83	3%	0
022.42	Copper, ICP, Open vessel (ppm)	0190	104.5	0.6900	96.55	7.362	4.421	21	1.07	4%	0
022.42	Copper, ICP, Open vessel (ppm)	0692	105.3	8.420	96.55	7.362	4.421	21	1.19	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0726	105.4	0.3000	96.55	7.362	4.421	21	1.20	5%	0
022.42	Copper, ICP, Open vessel (ppm)	0613	12.04	0.5800	96.55	7.362	4.421	21	-11.48	44%	2
022.43	Copper, ICP, Microwave (ppm)	0297	81.50	1.000	95.68	8.109	4.052	33	-1.75	7%	0
022.43	Copper, ICP, Microwave (ppm)	0918	83.20	7.330	95.68	8.109	4.052	33	-1.54	7%	0
022.43	Copper, ICP, Microwave (ppm)	0354	83.55	2.120	95.68	8.109	4.052	33	-1.50	6%	0
022.43	Copper, ICP, Microwave (ppm)	2089	83.89	2.110	95.68	8.109	4.052	33	-1.45	6%	0
022.43	Copper, ICP, Microwave (ppm)	0675	86.20	0.3100	95.68	8.109	4.052	33	-1.17	5%	0
022.43	Copper, ICP, Microwave (ppm)	0407	89.23	1.558	95.68	8.109	4.052	33	-0.80	3%	0
022.43	Copper, ICP, Microwave (ppm)	0345	90.04	1.070	95.68	8.109	4.052	33	-0.70	3%	0
022.43	Copper, ICP, Microwave (ppm)	0169	90.65	0.5000	95.68	8.109	4.052	33	-0.62	3%	0
022.43	Copper, ICP, Microwave (ppm)	0035	91.50	7.000	95.68	8.109	4.052	33	-0.52	2%	0
022.43	Copper, ICP, Microwave (ppm)	0510	92.50	3.000	95.68	8.109	4.052	33	-0.39	2%	0
022.43	Copper, ICP, Microwave (ppm)	0870	92.62	0.5200	95.68	8.109	4.052	33	-0.38	2%	0
022.43	Copper, ICP, Microwave (ppm)	0848	93.32	2.549	95.68	8.109	4.052	33	-0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	0629	93.70	0.4000	95.68	8.109	4.052	33	-0.24	1%	0
022.43	Copper, ICP, Microwave (ppm)	0028	94.10	8.620	95.68	8.109	4.052	33	-0.19	1%	0
022.43	Copper, ICP, Microwave (ppm)	0511	94.50	5.000	95.68	8.109	4.052	33	-0.15	1%	0
022.43	Copper, ICP, Microwave (ppm)	0968	95.08	0.1150	95.68	8.109	4.052	33	-0.07	0%	0
022.43	Copper, ICP, Microwave (ppm)	0098	95.35	3.040	95.68	8.109	4.052	33	-0.04	0%	0
022.43	Copper, ICP, Microwave (ppm)	0083	96.08	4.150	95.68	8.109	4.052	33	0.05	0%	0
022.43	Copper, ICP, Microwave (ppm)	0876	96.77	1.660	95.68	8.109	4.052	33	0.13	1%	0
022.43	Copper, ICP, Microwave (ppm)	0010	96.85	2.500	95.68	8.109	4.052	33	0.14	1%	0
022.43	Copper, ICP, Microwave (ppm)	0353	97.71	14.89	95.68	8.109	4.052	33	0.25	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	
022.43	Copper, ICP, Microwave (ppm)	0682	98.00	0.0000	95.68	8.109	4.052	33	0.29	1%	0
022.43	Copper, ICP, Microwave (ppm)	0512	98.36	12.08	95.68	8.109	4.052	33	0.33	1%	0
022.43	Copper, ICP, Microwave (ppm)	0505	99.59	0.4100	95.68	8.109	4.052	33	0.48	2%	0
022.43	Copper, ICP, Microwave (ppm)	0001	100.5	1.000	95.68	8.109	4.052	33	0.59	3%	0
022.43	Copper, ICP, Microwave (ppm)	0017	101.6	1.914	95.68	8.109	4.052	33	0.73	3%	0
022.43	Copper, ICP, Microwave (ppm)	0027	102.0	5.728	95.68	8.109	4.052	33	0.78	3%	0
022.43	Copper, ICP, Microwave (ppm)	0610	102.0	16.00	95.68	8.109	4.052	33	0.78	3%	0
022.43	Copper, ICP, Microwave (ppm)	0964	105.4	11.20	95.68	8.109	4.052	33	1.20	5%	0
022.43	Copper, ICP, Microwave (ppm)	0226	105.9	1.200	95.68	8.109	4.052	33	1.26	5%	0
022.43	Copper, ICP, Microwave (ppm)	2326	111.0	10.00	95.68	8.109	4.052	33	1.89	8%	0
022.43	Copper, ICP, Microwave (ppm)	0038	115.5	3.000	95.68	8.109	4.052	33	2.44	10%	0
022.43	Copper, ICP, Microwave (ppm)	2192	130.5	13.00	95.68	8.109	4.052	33	4.29	18%	0
022.44	Copper, ICP, Dry ash (ppm)	0164	82.50	1.000				3			0
022.44	Copper, ICP, Dry ash (ppm)	0066	86.90	2.543				3			0
022.44	Copper, ICP, Dry ash (ppm)	2114	93.93	2.348				3			0
022.52	Copper, ICP-MS, Open vessel (ppm)	0186	99.67	4.460				1			0
022.53	Copper, ICP-MS, Microwave (ppm)	0939	89.03	1.560				2			0
022.53	Copper, ICP-MS, Microwave (ppm)	0407	93.38	3.784				2			0
022.99	Copper, Miscellaneous (ppm)	0242	92.50	7.000				3			0
022.99	Copper, Miscellaneous (ppm)	0100	96.00	4.000				3			0
022.99	Copper, Miscellaneous (ppm)	0123	108.5	3.000				3			0
024.52	Iodine, ICP-MS, Open vessel (ppm)	0910	1.238	0.1850				1			0
025.31	Iron, AAS, Dry ash (ppm)	0536	239.2	1.500	301.5	22.81	5.574	11	-2.73	10%	0
025.31	Iron, AAS, Dry ash (ppm)	0001	288.2	7.600	301.5	22.81	5.574	11	-0.58	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0939	289.8	0.9500	301.5	22.81	5.574	11	-0.51	2%	0
025.31	Iron, AAS, Dry ash (ppm)	0529	292.6	3.400	301.5	22.81	5.574	11	-0.39	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2196	294.0	0.0000	301.5	22.81	5.574	11	-0.33	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0563	298.7	4.836	301.5	22.81	5.574	11	-0.12	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0596	299.8	3.420	301.5	22.81	5.574	11	-0.07	0%	0
025.31	Iron, AAS, Dry ash (ppm)	0651	305.3	8.869	301.5	22.81	5.574	11	0.17	1%	0
025.31	Iron, AAS, Dry ash (ppm)	2188	309.2	7.450	301.5	22.81	5.574	11	0.34	1%	0
025.31	Iron, AAS, Dry ash (ppm)	0038	336.0	12.00	301.5	22.81	5.574	11	1.51	6%	0
025.31	Iron, AAS, Dry ash (ppm)	0884	338.8	6.500	301.5	22.81	5.574	11	1.63	6%	0
025.31	Iron, AAS, Dry ash (ppm)	2195	335.9	35.09	301.5	22.81	5.574	11	1.51	6%	1
025.33	Iron, AAS, Microwave (ppm)	0948	277.8	3.410				1			0
025.41	Iron, ICP, Dry ash (ppm)	0619	244.5	3.000	293.8	11.36	8.962	19	-4.34	8%	0
025.41	Iron, ICP, Dry ash (ppm)	0407	282.3	6.052	293.8	11.36	8.962	19	-1.02	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0171	282.5	7.000	293.8	11.36	8.962	19	-1.00	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0520	283.3	6.219	293.8	11.36	8.962	19	-0.92	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0598	284.4	3.743	293.8	11.36	8.962	19	-0.83	2%	0
025.41	Iron, ICP, Dry ash (ppm)	2114	287.2	9.660	293.8	11.36	8.962	19	-0.59	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0148	289.2	14.95	293.8	11.36	8.962	19	-0.41	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	
025.41	Iron, ICP, Dry ash (ppm)	0229	291.9	38.20	293.8	11.36	8.962	19	-0.17	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0019	292.2	0.1000	293.8	11.36	8.962	19	-0.14	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0358	292.9	3.500	293.8	11.36	8.962	19	-0.08	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0674	293.3	0.0000	293.8	11.36	8.962	19	-0.05	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0098	295.6	11.30	293.8	11.36	8.962	19	0.15	0%	0
025.41	Iron, ICP, Dry ash (ppm)	0910	297.0	22.00	293.8	11.36	8.962	19	0.28	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0004	298.5	10.63	293.8	11.36	8.962	19	0.41	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0226	301.8	0.6000	293.8	11.36	8.962	19	0.70	1%	0
025.41	Iron, ICP, Dry ash (ppm)	0164	304.0	4.000	293.8	11.36	8.962	19	0.90	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0074	308.0	10.00	293.8	11.36	8.962	19	1.25	2%	0
025.41	Iron, ICP, Dry ash (ppm)	0049	313.4	11.23	293.8	11.36	8.962	19	1.72	3%	0
025.41	Iron, ICP, Dry ash (ppm)	0066	333.5	27.38	293.8	11.36	8.962	19	3.49	7%	0
025.42	Iron, ICP, Open vessel (ppm)	2433	264.0	7.859	289.0	20.44	10.24	19	-1.22	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0263	265.0	4.994	289.0	20.44	10.24	19	-1.17	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0009	268.5	23.00	289.0	20.44	10.24	19	-1.00	4%	0
025.42	Iron, ICP, Open vessel (ppm)	0870	271.9	10.60	289.0	20.44	10.24	19	-0.83	3%	0
025.42	Iron, ICP, Open vessel (ppm)	2319	273.5	3.000	289.0	20.44	10.24	19	-0.76	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0026	278.3	15.93	289.0	20.44	10.24	19	-0.52	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0042	279.5	1.000	289.0	20.44	10.24	19	-0.46	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0190	281.1	1.450	289.0	20.44	10.24	19	-0.39	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0294	284.7	8.810	289.0	20.44	10.24	19	-0.21	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0693	286.5	26.81	289.0	20.44	10.24	19	-0.12	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0357	288.6	1.679	289.0	20.44	10.24	19	-0.02	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0202	291.5	5.000	289.0	20.44	10.24	19	0.12	0%	0
025.42	Iron, ICP, Open vessel (ppm)	0726	293.1	0.2000	289.0	20.44	10.24	19	0.20	1%	0
025.42	Iron, ICP, Open vessel (ppm)	2129	295.2	3.900	289.0	20.44	10.24	19	0.30	1%	0
025.42	Iron, ICP, Open vessel (ppm)	0692	302.0	20.00	289.0	20.44	10.24	19	0.64	2%	0
025.42	Iron, ICP, Open vessel (ppm)	0413	308.0	12.00	289.0	20.44	10.24	19	0.93	3%	0
025.42	Iron, ICP, Open vessel (ppm)	0613	320.0	0.2000	289.0	20.44	10.24	19	1.52	5%	0
025.42	Iron, ICP, Open vessel (ppm)	0504	358.5	23.00	289.0	20.44	10.24	19	3.40	12%	0
025.42	Iron, ICP, Open vessel (ppm)	0278	363.5	35.00	289.0	20.44	10.24	19	3.65	13%	0
025.42	Iron, ICP, Open vessel (ppm)	0045	284.0	70.00	289.0	20.44	10.24	19	-0.24	1%	1
025.43	Iron, ICP, Microwave (ppm)	0028	233.9	2.840	301.5	21.48	7.397	31	-3.14	11%	0
025.43	Iron, ICP, Microwave (ppm)	0510	269.0	2.000	301.5	21.48	7.397	31	-1.51	5%	0
025.43	Iron, ICP, Microwave (ppm)	2089	274.2	0.3900	301.5	21.48	7.397	31	-1.27	5%	0
025.43	Iron, ICP, Microwave (ppm)	0354	277.8	3.490	301.5	21.48	7.397	31	-1.10	4%	0
025.43	Iron, ICP, Microwave (ppm)	0297	281.0	0.0000	301.5	21.48	7.397	31	-0.95	3%	0
025.43	Iron, ICP, Microwave (ppm)	0083	281.2	4.320	301.5	21.48	7.397	31	-0.95	3%	0
025.43	Iron, ICP, Microwave (ppm)	0169	282.5	1.000	301.5	21.48	7.397	31	-0.88	3%	0
025.43	Iron, ICP, Microwave (ppm)	0629	282.5	1.000	301.5	21.48	7.397	31	-0.88	3%	0
025.43	Iron, ICP, Microwave (ppm)	0511	283.5	9.000	301.5	21.48	7.397	31	-0.84	3%	0
025.43	Iron, ICP, Microwave (ppm)	0675	294.9	3.860	301.5	21.48	7.397	31	-0.31	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
025.43	Iron, ICP, Microwave (ppm)	2326	295.0	46.00	301.5	21.48	7.397	31	-0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0407	295.1	10.92	301.5	21.48	7.397	31	-0.30	1%	0
025.43	Iron, ICP, Microwave (ppm)	0345	297.0	4.500	301.5	21.48	7.397	31	-0.21	1%	0
025.43	Iron, ICP, Microwave (ppm)	0968	297.1	1.770	301.5	21.48	7.397	31	-0.20	1%	0
025.43	Iron, ICP, Microwave (ppm)	2192	297.5	33.00	301.5	21.48	7.397	31	-0.19	1%	0
025.43	Iron, ICP, Microwave (ppm)	0870	300.3	8.800	301.5	21.48	7.397	31	-0.06	0%	0
025.43	Iron, ICP, Microwave (ppm)	0682	304.0	0.0000	301.5	21.48	7.397	31	0.12	0%	0
025.43	Iron, ICP, Microwave (ppm)	0010	305.2	4.400	301.5	21.48	7.397	31	0.17	1%	0
025.43	Iron, ICP, Microwave (ppm)	0918	309.3	24.98	301.5	21.48	7.397	31	0.36	1%	0
025.43	Iron, ICP, Microwave (ppm)	0610	309.5	15.00	301.5	21.48	7.397	31	0.37	1%	0
025.43	Iron, ICP, Microwave (ppm)	0512	311.1	6.300	301.5	21.48	7.397	31	0.45	2%	0
025.43	Iron, ICP, Microwave (ppm)	0017	313.1	0.6115	301.5	21.48	7.397	31	0.54	2%	0
025.43	Iron, ICP, Microwave (ppm)	0505	314.2	0.7000	301.5	21.48	7.397	31	0.59	2%	0
025.43	Iron, ICP, Microwave (ppm)	0098	317.2	7.000	301.5	21.48	7.397	31	0.73	3%	0
025.43	Iron, ICP, Microwave (ppm)	0035	318.5	7.000	301.5	21.48	7.397	31	0.79	3%	0
025.43	Iron, ICP, Microwave (ppm)	0001	320.0	2.000	301.5	21.48	7.397	31	0.86	3%	0
025.43	Iron, ICP, Microwave (ppm)	0964	324.0	42.00	301.5	21.48	7.397	31	1.05	4%	0
025.43	Iron, ICP, Microwave (ppm)	0226	325.9	5.560	301.5	21.48	7.397	31	1.14	4%	0
025.43	Iron, ICP, Microwave (ppm)	0353	328.6	28.15	301.5	21.48	7.397	31	1.26	4%	0
025.43	Iron, ICP, Microwave (ppm)	0038	346.5	17.00	301.5	21.48	7.397	31	2.10	7%	0
025.43	Iron, ICP, Microwave (ppm)	0011	372.0	2.000	301.5	21.48	7.397	31	3.28	12%	0
025.43	Iron, ICP, Microwave (ppm)	0876	377.2	116.4	301.5	21.48	7.397	31	3.52	13%	1
025.53	Iron, ICP-MS, Microwave (ppm)	0939	293.0	0.0000				2			0
025.53	Iron, ICP-MS, Microwave (ppm)	0407	316.5	3.322				2			0
025.99	Iron, Miscellaneous (ppm)	0242	263.0	8.000				3			0
025.99	Iron, Miscellaneous (ppm)	0123	298.0	2.000				3			0
025.99	Iron, Miscellaneous (ppm)	0100	299.0	2.000				3			0
027.31	Magnesium, AAS, Dry ash (%)	0529	0.3575	0.0030	0.3902	0.0212	0.0062	9	-1.54	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0001	0.3755	0.0039	0.3902	0.0212	0.0062	9	-0.70	2%	0
027.31	Magnesium, AAS, Dry ash (%)	0921	0.3845	0.0130	0.3902	0.0212	0.0062	9	-0.27	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0884	0.3850	0.0100	0.3902	0.0212	0.0062	9	-0.25	1%	0
027.31	Magnesium, AAS, Dry ash (%)	2196	0.3860	0.0000	0.3902	0.0212	0.0062	9	-0.20	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0939	0.3900	0.0000	0.3902	0.0212	0.0062	9	-0.01	0%	0
027.31	Magnesium, AAS, Dry ash (%)	2146	0.4000	0.0000	0.3902	0.0212	0.0062	9	0.46	1%	0
027.31	Magnesium, AAS, Dry ash (%)	0038	0.4105	0.0010	0.3902	0.0212	0.0062	9	0.96	3%	0
027.31	Magnesium, AAS, Dry ash (%)	0563	0.4231	0.0062	0.3902	0.0212	0.0062	9	1.55	4%	0
027.31	Magnesium, AAS, Dry ash (%)	0536	0.2950	0.0300	0.3902	0.0212	0.0062	9	-4.49	12%	1
027.32	Magnesium, AAS, Open vessel (%)	0169	0.3750	0.0100				1			0
027.33	Magnesium, AAS, Microwave (%)	0948	0.4020	0.0060				1			0
027.41	Magnesium, ICP, Dry ash (%)	0004	0.3700	0.0000	0.3936	0.0187	0.0143	17	-1.26	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0910	0.3700	0.0200	0.3936	0.0187	0.0143	17	-1.26	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0229	0.3750	0.0100	0.3936	0.0187	0.0143	17	-0.99	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	
027.41	Magnesium, ICP, Dry ash (%)	0358	0.3800	0.0200	0.3936	0.0187	0.0143	17	-0.73	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0066	0.3850	0.0080	0.3936	0.0187	0.0143	17	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0171	0.3850	0.0100	0.3936	0.0187	0.0143	17	-0.46	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0148	0.3865	0.0390	0.3936	0.0187	0.0143	17	-0.38	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0520	0.3869	0.0057	0.3936	0.0187	0.0143	17	-0.36	1%	0
027.41	Magnesium, ICP, Dry ash (%)	0098	0.3900	0.0200	0.3936	0.0187	0.0143	17	-0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0674	0.3900	0.0000	0.3936	0.0187	0.0143	17	-0.19	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0619	0.3950	0.0220	0.3936	0.0187	0.0143	17	0.08	0%	0
027.41	Magnesium, ICP, Dry ash (%)	0598	0.4058	0.0002	0.3936	0.0187	0.0143	17	0.65	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0074	0.4100	0.0000	0.3936	0.0187	0.0143	17	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0226	0.4100	0.0000	0.3936	0.0187	0.0143	17	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0413	0.4100	0.0200	0.3936	0.0187	0.0143	17	0.88	2%	0
027.41	Magnesium, ICP, Dry ash (%)	0049	0.4200	0.0200	0.3936	0.0187	0.0143	17	1.41	3%	0
027.41	Magnesium, ICP, Dry ash (%)	0407	0.4283	0.0003	0.3936	0.0187	0.0143	17	1.85	4%	0
027.41	Magnesium, ICP, Dry ash (%)	0019	19.20	37.61	0.3936	0.0187	0.0143	17	>100	2389%	2
027.42	Magnesium, ICP, Open vessel (%)	0026	0.3425	0.0170	0.3951	0.0271	0.0142	20	-1.94	7%	0
027.42	Magnesium, ICP, Open vessel (%)	0613	0.3600	0.0000	0.3951	0.0271	0.0142	20	-1.29	4%	0
027.42	Magnesium, ICP, Open vessel (%)	2129	0.3675	0.0030	0.3951	0.0271	0.0142	20	-1.02	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0263	0.3680	0.0020	0.3951	0.0271	0.0142	20	-1.00	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0009	0.3698	0.0300	0.3951	0.0271	0.0142	20	-0.93	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0504	0.3730	0.0280	0.3951	0.0271	0.0142	20	-0.81	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0685	0.3750	0.0100	0.3951	0.0271	0.0142	20	-0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	2319	0.3920	0.0000	0.3951	0.0271	0.0142	20	-0.11	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0870	0.3986	0.0016	0.3951	0.0271	0.0142	20	0.13	0%	0
027.42	Magnesium, ICP, Open vessel (%)	0190	0.4000	0.0000	0.3951	0.0271	0.0142	20	0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0294	0.4000	0.0000	0.3951	0.0271	0.0142	20	0.18	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0357	0.4037	0.0055	0.3951	0.0271	0.0142	20	0.32	1%	0
027.42	Magnesium, ICP, Open vessel (%)	2433	0.4042	0.0042	0.3951	0.0271	0.0142	20	0.34	1%	0
027.42	Magnesium, ICP, Open vessel (%)	0693	0.4070	0.0300	0.3951	0.0271	0.0142	20	0.44	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0726	0.4100	0.0000	0.3951	0.0271	0.0142	20	0.55	2%	0
027.42	Magnesium, ICP, Open vessel (%)	0692	0.4150	0.0300	0.3951	0.0271	0.0142	20	0.74	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0202	0.4165	0.0170	0.3951	0.0271	0.0142	20	0.79	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0186	0.4217	0.0081	0.3951	0.0271	0.0142	20	0.98	3%	0
027.42	Magnesium, ICP, Open vessel (%)	0042	0.4290	0.0160	0.3951	0.0271	0.0142	20	1.25	4%	0
027.42	Magnesium, ICP, Open vessel (%)	0278	0.4450	0.0100	0.3951	0.0271	0.0142	20	1.84	6%	0
027.42	Magnesium, ICP, Open vessel (%)	0045	0.3740	0.0640	0.3951	0.0271	0.0142	20	-0.78	3%	1
027.43	Magnesium, ICP, Microwave (%)	0028	0.3300	0.0400	0.3986	0.0249	0.0116	32	-2.75	9%	0
027.43	Magnesium, ICP, Microwave (%)	0089	0.3400	0.0000	0.3986	0.0249	0.0116	32	-2.35	7%	0
027.43	Magnesium, ICP, Microwave (%)	0510	0.3500	0.0000	0.3986	0.0249	0.0116	32	-1.95	6%	0
027.43	Magnesium, ICP, Microwave (%)	0511	0.3550	0.0100	0.3986	0.0249	0.0116	32	-1.75	5%	0
027.43	Magnesium, ICP, Microwave (%)	0968	0.3670	0.0000	0.3986	0.0249	0.0116	32	-1.27	4%	0
027.43	Magnesium, ICP, Microwave (%)	0001	0.3800	0.0140	0.3986	0.0249	0.0116	32	-0.75	2%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
027.43	Magnesium, ICP, Microwave (%)	0083	0.3800	0.0000	0.3986	0.0249	0.0116	32	-0.75	2%	0
027.43	Magnesium, ICP, Microwave (%)	0345	0.3820	0.0020	0.3986	0.0249	0.0116	32	-0.67	2%	0
027.43	Magnesium, ICP, Microwave (%)	0964	0.3830	0.0220	0.3986	0.0249	0.0116	32	-0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0512	0.3854	0.0133	0.3986	0.0249	0.0116	32	-0.53	2%	0
027.43	Magnesium, ICP, Microwave (%)	0297	0.3900	0.0200	0.3986	0.0249	0.0116	32	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0610	0.3900	0.0000	0.3986	0.0249	0.0116	32	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0629	0.3900	0.0000	0.3986	0.0249	0.0116	32	-0.35	1%	0
027.43	Magnesium, ICP, Microwave (%)	0675	0.3950	0.0100	0.3986	0.0249	0.0116	32	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	2089	0.3950	0.0100	0.3986	0.0249	0.0116	32	-0.14	0%	0
027.43	Magnesium, ICP, Microwave (%)	0682	0.4000	0.0000	0.3986	0.0249	0.0116	32	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	0876	0.4000	0.0000	0.3986	0.0249	0.0116	32	0.06	0%	0
027.43	Magnesium, ICP, Microwave (%)	2326	0.4050	0.0100	0.3986	0.0249	0.0116	32	0.26	1%	0
027.43	Magnesium, ICP, Microwave (%)	0017	0.4053	0.0012	0.3986	0.0249	0.0116	32	0.27	1%	0
027.43	Magnesium, ICP, Microwave (%)	0918	0.4130	0.0100	0.3986	0.0249	0.0116	32	0.58	2%	0
027.43	Magnesium, ICP, Microwave (%)	0010	0.4140	0.0160	0.3986	0.0249	0.0116	32	0.62	2%	0
027.43	Magnesium, ICP, Microwave (%)	0870	0.4143	0.0017	0.3986	0.0249	0.0116	32	0.63	2%	0
027.43	Magnesium, ICP, Microwave (%)	0035	0.4150	0.0100	0.3986	0.0249	0.0116	32	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0098	0.4150	0.0100	0.3986	0.0249	0.0116	32	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0353	0.4150	0.0100	0.3986	0.0249	0.0116	32	0.66	2%	0
027.43	Magnesium, ICP, Microwave (%)	0407	0.4163	0.0030	0.3986	0.0249	0.0116	32	0.71	2%	0
027.43	Magnesium, ICP, Microwave (%)	0226	0.4200	0.0000	0.3986	0.0249	0.0116	32	0.86	3%	0
027.43	Magnesium, ICP, Microwave (%)	0505	0.4245	0.0010	0.3986	0.0249	0.0116	32	1.04	3%	0
027.43	Magnesium, ICP, Microwave (%)	2192	0.4250	0.0300	0.3986	0.0249	0.0116	32	1.06	3%	0
027.43	Magnesium, ICP, Microwave (%)	0354	0.4270	0.0060	0.3986	0.0249	0.0116	32	1.14	4%	0
027.43	Magnesium, ICP, Microwave (%)	0011	0.4300	0.0000	0.3986	0.0249	0.0116	32	1.26	4%	0
027.43	Magnesium, ICP, Microwave (%)	0038	0.4340	0.0420	0.3986	0.0249	0.0116	32	1.42	4%	0
027.44	Magnesium, ICP, Dry ash (%)	2114	0.4022	0.0027				2			0
027.44	Magnesium, ICP, Dry ash (%)	0164	0.4155	0.0070				2			0
027.51	Magnesium, ICP-MS, Dry ash (%)	2146	0.3650	0.0100				1			0
027.52	Magnesium, ICP-MS, Open vessel (%)	0186	0.4036	0.0128				1			0
027.53	Magnesium, ICP-MS, Microwave (%)	0407	0.3855	0.0110				2			0
027.53	Magnesium, ICP-MS, Microwave (%)	0939	0.3900	0.0200				2			0
027.99	Magnesium, Miscellaneous (%)	0242	0.3900	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0123	0.4000	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0889	0.4000	0.0000				3			0
027.99	Magnesium, Miscellaneous (%)	0100	0.4150	0.0100				3			1
028.31	Manganese, AAS, Dry ash (ppm)	0536	120.5	2.700	390.1	20.28	7.005	10	-13.29	35%	0
028.31	Manganese, AAS, Dry ash (ppm)	2195	363.9	24.20	390.1	20.28	7.005	10	-1.29	3%	0
028.31	Manganese, AAS, Dry ash (ppm)	2196	384.9	0.0000	390.1	20.28	7.005	10	-0.25	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	2188	387.0	5.360	390.1	20.28	7.005	10	-0.15	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0884	393.3	10.50	390.1	20.28	7.005	10	0.16	0%	0
028.31	Manganese, AAS, Dry ash (ppm)	0939	393.8	2.090	390.1	20.28	7.005	10	0.19	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.31	Manganese, AAS, Dry ash (ppm)	0651	396.3	4.728	390.1	20.28	7.005	10	0.31	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0001	397.2	7.800	390.1	20.28	7.005	10	0.35	1%	0
028.31	Manganese, AAS, Dry ash (ppm)	0563	404.1	10.18	390.1	20.28	7.005	10	0.69	2%	0
028.31	Manganese, AAS, Dry ash (ppm)	0529	424.4	6.200	390.1	20.28	7.005	10	1.69	4%	0
028.32	Manganese, AAS, Open vessel (ppm)	0038	401.0	8.000				1			0
028.33	Manganese, AAS, Microwave (ppm)	0948	391.0	2.510				1			0
028.41	Manganese, ICP, Dry ash (ppm)	0619	268.5	11.00	377.4	16.89	10.84	15	-6.45	14%	0
028.41	Manganese, ICP, Dry ash (ppm)	0226	324.5	10.23	377.4	16.89	10.84	15	-3.13	7%	0
028.41	Manganese, ICP, Dry ash (ppm)	0598	346.5	3.107	377.4	16.89	10.84	15	-1.83	4%	0
028.41	Manganese, ICP, Dry ash (ppm)	0229	373.0	31.70	377.4	16.89	10.84	15	-0.26	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0171	373.5	3.000	377.4	16.89	10.84	15	-0.23	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0074	377.5	3.000	377.4	16.89	10.84	15	0.01	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0407	378.2	7.998	377.4	16.89	10.84	15	0.05	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0004	378.5	4.790	377.4	16.89	10.84	15	0.06	0%	0
028.41	Manganese, ICP, Dry ash (ppm)	0148	383.4	37.86	377.4	16.89	10.84	15	0.36	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0019	384.3	4.150	377.4	16.89	10.84	15	0.41	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0674	385.7	0.0000	377.4	16.89	10.84	15	0.49	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0910	388.5	19.00	377.4	16.89	10.84	15	0.66	1%	0
028.41	Manganese, ICP, Dry ash (ppm)	0520	390.1	11.22	377.4	16.89	10.84	15	0.75	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0358	394.5	3.470	377.4	16.89	10.84	15	1.01	2%	0
028.41	Manganese, ICP, Dry ash (ppm)	0098	397.8	20.90	377.4	16.89	10.84	15	1.20	3%	0
028.41	Manganese, ICP, Dry ash (ppm)	0049	423.8	66.06	377.4	16.89	10.84	15	2.75	6%	1
028.42	Manganese, ICP, Open vessel (ppm)	0263	340.1	2.640	397.2	26.44	10.86	21	-2.16	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0009	344.5	29.00	397.2	26.44	10.86	21	-1.99	7%	0
028.42	Manganese, ICP, Open vessel (ppm)	0026	371.3	27.64	397.2	26.44	10.86	21	-0.98	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0870	374.2	5.100	397.2	26.44	10.86	21	-0.87	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0042	376.0	16.00	397.2	26.44	10.86	21	-0.80	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0413	386.0	2.000	397.2	26.44	10.86	21	-0.42	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0294	388.9	4.570	397.2	26.44	10.86	21	-0.31	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0186	389.2	0.6600	397.2	26.44	10.86	21	-0.30	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0693	390.9	20.47	397.2	26.44	10.86	21	-0.24	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0045	393.5	37.00	397.2	26.44	10.86	21	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0278	393.5	3.000	397.2	26.44	10.86	21	-0.14	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2319	398.5	7.000	397.2	26.44	10.86	21	0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2129	398.6	7.100	397.2	26.44	10.86	21	0.05	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	0357	400.1	3.529	397.2	26.44	10.86	21	0.11	0%	0
028.42	Manganese, ICP, Open vessel (ppm)	2433	403.4	26.02	397.2	26.44	10.86	21	0.23	1%	0
028.42	Manganese, ICP, Open vessel (ppm)	0685	416.9	6.000	397.2	26.44	10.86	21	0.75	2%	0
028.42	Manganese, ICP, Open vessel (ppm)	0692	418.5	25.00	397.2	26.44	10.86	21	0.81	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0190	423.0	2.220	397.2	26.44	10.86	21	0.98	3%	0
028.42	Manganese, ICP, Open vessel (ppm)	0202	429.5	3.000	397.2	26.44	10.86	21	1.22	4%	0
028.42	Manganese, ICP, Open vessel (ppm)	0504	445.0	8.000	397.2	26.44	10.86	21	1.81	6%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
028.42	Manganese, ICP, Open vessel (ppm)	0726	446.8	0.7000	397.2	26.44	10.86	21	1.88	6%	0
028.42	Manganese, ICP, Open vessel (ppm)	0613	240.1	73.23	397.2	26.44	10.86	21	-5.94	20%	1
028.43	Manganese, ICP, Microwave (ppm)	0028	326.0	26.83	399.2	29.25	11.12	29	-2.50	9%	0
028.43	Manganese, ICP, Microwave (ppm)	0354	355.1	8.720	399.2	29.25	11.12	29	-1.51	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0510	360.5	11.00	399.2	29.25	11.12	29	-1.32	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0511	360.5	17.00	399.2	29.25	11.12	29	-1.32	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0345	371.1	2.300	399.2	29.25	11.12	29	-0.96	4%	0
028.43	Manganese, ICP, Microwave (ppm)	0297	374.5	3.000	399.2	29.25	11.12	29	-0.84	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0629	378.0	6.000	399.2	29.25	11.12	29	-0.72	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0968	378.8	1.303	399.2	29.25	11.12	29	-0.70	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0035	383.5	19.00	399.2	29.25	11.12	29	-0.54	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0407	385.1	38.58	399.2	29.25	11.12	29	-0.48	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0610	391.5	1.000	399.2	29.25	11.12	29	-0.26	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0675	397.7	2.840	399.2	29.25	11.12	29	-0.05	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0918	397.9	29.19	399.2	29.25	11.12	29	-0.04	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0083	401.3	7.910	399.2	29.25	11.12	29	0.07	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0870	401.6	1.000	399.2	29.25	11.12	29	0.08	0%	0
028.43	Manganese, ICP, Microwave (ppm)	0505	404.6	0.0000	399.2	29.25	11.12	29	0.19	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0226	406.2	10.26	399.2	29.25	11.12	29	0.24	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0169	408.5	13.00	399.2	29.25	11.12	29	0.32	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0027	409.8	18.53	399.2	29.25	11.12	29	0.36	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0001	411.0	48.00	399.2	29.25	11.12	29	0.40	1%	0
028.43	Manganese, ICP, Microwave (ppm)	0876	412.6	9.780	399.2	29.25	11.12	29	0.46	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0512	412.8	15.40	399.2	29.25	11.12	29	0.47	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0682	413.4	0.0000	399.2	29.25	11.12	29	0.49	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0098	414.1	3.100	399.2	29.25	11.12	29	0.51	2%	0
028.43	Manganese, ICP, Microwave (ppm)	0017	425.7	9.136	399.2	29.25	11.12	29	0.91	3%	0
028.43	Manganese, ICP, Microwave (ppm)	0964	435.5	7.000	399.2	29.25	11.12	29	1.24	5%	0
028.43	Manganese, ICP, Microwave (ppm)	0353	445.2	2.830	399.2	29.25	11.12	29	1.58	6%	0
028.43	Manganese, ICP, Microwave (ppm)	2326	445.5	17.00	399.2	29.25	11.12	29	1.58	6%	0
028.43	Manganese, ICP, Microwave (ppm)	0038	454.0	14.00	399.2	29.25	11.12	29	1.87	7%	0
028.43	Manganese, ICP, Microwave (ppm)	0010	379.4	60.00	399.2	29.25	11.12	29	-0.68	2%	1
028.44	Manganese, ICP, Dry ash (ppm)	0066	347.1	11.19				3			0
028.44	Manganese, ICP, Dry ash (ppm)	0164	382.0	0.0000				3			0
028.44	Manganese, ICP, Dry ash (ppm)	2114	383.1	10.21				3			0
028.52	Manganese, ICP-MS, Open vessel (ppm)	0186	397.9	4.120				1			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0407	382.8	9.188				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	0939	404.5	13.00				3			0
028.53	Manganese, ICP-MS, Microwave (ppm)	2192	443.0	4.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0242	367.5	9.000				3			0
028.99	Manganese, Miscellaneous (ppm)	0123	388.5	13.00				3			0
028.99	Manganese, Miscellaneous (ppm)	0100	417.5	5.000				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			
030.01	Nitrate, Ion-selective electrode (%)	0357	0.0008	0.0001				1			0
031.01	Phosphorus, Photometric (%)	2199	0.9050	0.0100	0.9907	0.0290	0.0116	34	-2.96	4%	0
031.01	Phosphorus, Photometric (%)	0018	0.9365	0.0050	0.9907	0.0290	0.0116	34	-1.87	3%	0
031.01	Phosphorus, Photometric (%)	2144	0.9400	0.0000	0.9907	0.0290	0.0116	34	-1.75	3%	0
031.01	Phosphorus, Photometric (%)	0038	0.9475	0.0150	0.9907	0.0290	0.0116	34	-1.49	2%	0
031.01	Phosphorus, Photometric (%)	2109	0.9575	0.0410	0.9907	0.0290	0.0116	34	-1.15	2%	0
031.01	Phosphorus, Photometric (%)	0885	0.9595	0.0189	0.9907	0.0290	0.0116	34	-1.08	2%	0
031.01	Phosphorus, Photometric (%)	2434	0.9600	0.0000	0.9907	0.0290	0.0116	34	-1.06	2%	0
031.01	Phosphorus, Photometric (%)	0629	0.9650	0.0100	0.9907	0.0290	0.0116	34	-0.89	1%	0
031.01	Phosphorus, Photometric (%)	2195	0.9700	0.0000	0.9907	0.0290	0.0116	34	-0.71	1%	0
031.01	Phosphorus, Photometric (%)	2453	0.9730	0.0047	0.9907	0.0290	0.0116	34	-0.61	1%	0
031.01	Phosphorus, Photometric (%)	2325	0.9750	0.0100	0.9907	0.0290	0.0116	34	-0.54	1%	0
031.01	Phosphorus, Photometric (%)	0687	0.9900	0.0200	0.9907	0.0290	0.0116	34	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2146	0.9900	0.0000	0.9907	0.0290	0.0116	34	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2181	0.9900	0.0000	0.9907	0.0290	0.0116	34	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2196	0.9900	0.0000	0.9907	0.0290	0.0116	34	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2337	0.9900	0.0000	0.9907	0.0290	0.0116	34	-0.02	0%	0
031.01	Phosphorus, Photometric (%)	2190	0.9923	0.0068	0.9907	0.0290	0.0116	34	0.06	0%	0
031.01	Phosphorus, Photometric (%)	0651	0.9976	0.0097	0.9907	0.0290	0.0116	34	0.24	0%	0
031.01	Phosphorus, Photometric (%)	0622	0.9981	0.0155	0.9907	0.0290	0.0116	34	0.25	0%	0
031.01	Phosphorus, Photometric (%)	0948	1.000	0.0200	0.9907	0.0290	0.0116	34	0.32	0%	0
031.01	Phosphorus, Photometric (%)	2188	1.000	0.0000	0.9907	0.0290	0.0116	34	0.32	0%	0
031.01	Phosphorus, Photometric (%)	0563	1.001	0.0035	0.9907	0.0290	0.0116	34	0.35	1%	0
031.01	Phosphorus, Photometric (%)	0939	1.005	0.0100	0.9907	0.0290	0.0116	34	0.49	1%	0
031.01	Phosphorus, Photometric (%)	2009	1.009	0.0024	0.9907	0.0290	0.0116	34	0.65	1%	0
031.01	Phosphorus, Photometric (%)	0529	1.010	0.0000	0.9907	0.0290	0.0116	34	0.67	1%	0
031.01	Phosphorus, Photometric (%)	2200	1.010	0.0200	0.9907	0.0290	0.0116	34	0.67	1%	0
031.01	Phosphorus, Photometric (%)	2246	1.010	0.0000	0.9907	0.0290	0.0116	34	0.67	1%	0
031.01	Phosphorus, Photometric (%)	2302	1.010	0.0000	0.9907	0.0290	0.0116	34	0.67	1%	0
031.01	Phosphorus, Photometric (%)	2340	1.013	0.0050	0.9907	0.0290	0.0116	34	0.75	1%	0
031.01	Phosphorus, Photometric (%)	0884	1.015	0.0100	0.9907	0.0290	0.0116	34	0.84	1%	0
031.01	Phosphorus, Photometric (%)	2446	1.021	0.0190	0.9907	0.0290	0.0116	34	1.03	2%	0
031.01	Phosphorus, Photometric (%)	2022	1.025	0.0100	0.9907	0.0290	0.0116	34	1.18	2%	0
031.01	Phosphorus, Photometric (%)	0689	1.035	0.0100	0.9907	0.0290	0.0116	34	1.53	2%	0
031.01	Phosphorus, Photometric (%)	2192	1.065	0.0100	0.9907	0.0290	0.0116	34	2.57	4%	0
031.01	Phosphorus, Photometric (%)	0108	0.8800	0.0600	0.9907	0.0290	0.0116	34	-3.82	6%	1
031.01	Phosphorus, Photometric (%)	2006	0.9570	0.0640	0.9907	0.0290	0.0116	34	-1.16	2%	1
031.03	Phosphorus, Autoanalyzer (%)	0001	0.9893	0.0254				2			0
031.03	Phosphorus, Autoanalyzer (%)	0169	0.9950	0.0100				2			0
031.06	Phosphorus, Hach Method (%)	0536	0.8600	0.0200				1			0
031.41	Phosphorus, ICP, Dry ash (%)	0685	0.9150	0.0100	0.9978	0.0476	0.0204	20	-1.74	4%	0
031.41	Phosphorus, ICP, Dry ash (%)	0019	0.9350	0.0200	0.9978	0.0476	0.0204	20	-1.32	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	
031.41	Phosphorus, ICP, Dry ash (%)	0229	0.9350	0.0100	0.9978	0.0476	0.0204	20	-1.32	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0910	0.9550	0.0100	0.9978	0.0476	0.0204	20	-0.90	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0144	0.9600	0.0200	0.9978	0.0476	0.0204	20	-0.79	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0619	0.9605	0.0350	0.9978	0.0476	0.0204	20	-0.78	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0674	0.9700	0.0000	0.9978	0.0476	0.0204	20	-0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0004	0.9850	0.0300	0.9978	0.0476	0.0204	20	-0.27	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0598	1.002	0.0002	0.9978	0.0476	0.0204	20	0.09	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0148	1.003	0.0550	0.9978	0.0476	0.0204	20	0.10	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0171	1.005	0.0300	0.9978	0.0476	0.0204	20	0.15	0%	0
031.41	Phosphorus, ICP, Dry ash (%)	0226	1.020	0.0200	0.9978	0.0476	0.0204	20	0.47	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0074	1.025	0.0100	0.9978	0.0476	0.0204	20	0.57	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	2259	1.026	0.0130	0.9978	0.0476	0.0204	20	0.58	1%	0
031.41	Phosphorus, ICP, Dry ash (%)	0520	1.029	0.0181	0.9978	0.0476	0.0204	20	0.66	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0358	1.030	0.1000	0.9978	0.0476	0.0204	20	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0413	1.030	0.0200	0.9978	0.0476	0.0204	20	0.68	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0098	1.036	0.0020	0.9978	0.0476	0.0204	20	0.80	2%	0
031.41	Phosphorus, ICP, Dry ash (%)	0049	1.060	0.0800	0.9978	0.0476	0.0204	20	1.31	3%	0
031.41	Phosphorus, ICP, Dry ash (%)	0407	1.064	0.0057	0.9978	0.0476	0.0204	20	1.40	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0613	0.8250	0.0900	0.9818	0.0870	0.0247	19	-1.80	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0009	0.8283	0.0295	0.9818	0.0870	0.0247	19	-1.76	8%	0
031.42	Phosphorus, ICP, Open vessel (%)	0294	0.8900	0.0200	0.9818	0.0870	0.0247	19	-1.06	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	2433	0.9349	0.0069	0.9818	0.0870	0.0247	19	-0.54	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0045	0.9415	0.1370	0.9818	0.0870	0.0247	19	-0.46	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0504	0.9515	0.0250	0.9818	0.0870	0.0247	19	-0.35	2%	0
031.42	Phosphorus, ICP, Open vessel (%)	0186	0.9528	0.0218	0.9818	0.0870	0.0247	19	-0.33	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0870	0.9560	0.0134	0.9818	0.0870	0.0247	19	-0.30	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0263	0.9640	0.0060	0.9818	0.0870	0.0247	19	-0.20	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0357	0.9780	0.0035	0.9818	0.0870	0.0247	19	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2319	0.9785	0.0130	0.9818	0.0870	0.0247	19	-0.04	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0693	0.9805	0.0210	0.9818	0.0870	0.0247	19	-0.02	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	2129	0.9905	0.0270	0.9818	0.0870	0.0247	19	0.10	0%	0
031.42	Phosphorus, ICP, Open vessel (%)	0042	1.007	0.0470	0.9818	0.0870	0.0247	19	0.28	1%	0
031.42	Phosphorus, ICP, Open vessel (%)	0278	1.050	0.0000	0.9818	0.0870	0.0247	19	0.78	3%	0
031.42	Phosphorus, ICP, Open vessel (%)	0190	1.075	0.0100	0.9818	0.0870	0.0247	19	1.07	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0726	1.085	0.0300	0.9818	0.0870	0.0247	19	1.19	5%	0
031.42	Phosphorus, ICP, Open vessel (%)	0202	1.105	0.0700	0.9818	0.0870	0.0247	19	1.42	6%	0
031.42	Phosphorus, ICP, Open vessel (%)	0692	1.125	0.0100	0.9818	0.0870	0.0247	19	1.65	7%	0
031.42	Phosphorus, ICP, Open vessel (%)	0026	0.6225	0.6290	0.9818	0.0870	0.0247	19	-4.13	18%	1
031.43	Phosphorus, ICP, Microwave (%)	0089	0.8100	0.0000	1.010	0.0461	0.0205	34	-4.34	10%	0
031.43	Phosphorus, ICP, Microwave (%)	0297	0.9300	0.0200	1.010	0.0461	0.0205	34	-1.74	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0848	0.9350	0.0100	1.010	0.0461	0.0205	34	-1.63	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0511	0.9500	0.0400	1.010	0.0461	0.0205	34	-1.31	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	
031.43	Phosphorus, ICP, Microwave (%)	0010	0.9600	0.0140	1.010	0.0461	0.0205	34	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0510	0.9600	0.0200	1.010	0.0461	0.0205	34	-1.09	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0610	0.9700	0.0000	1.010	0.0461	0.0205	34	-0.87	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0682	0.9800	0.0000	1.010	0.0461	0.0205	34	-0.66	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0968	0.9860	0.0000	1.010	0.0461	0.0205	34	-0.53	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0345	0.9865	0.0030	1.010	0.0461	0.0205	34	-0.51	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0036	0.9885	0.0536	1.010	0.0461	0.0205	34	-0.47	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0629	0.9950	0.0100	1.010	0.0461	0.0205	34	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	2089	0.9950	0.0100	1.010	0.0461	0.0205	34	-0.33	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0083	1.000	0.0200	1.010	0.0461	0.0205	34	-0.22	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0512	1.003	0.0094	1.010	0.0461	0.0205	34	-0.15	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0407	1.004	0.0137	1.010	0.0461	0.0205	34	-0.13	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0001	1.005	0.0100	1.010	0.0461	0.0205	34	-0.11	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0876	1.015	0.0300	1.010	0.0461	0.0205	34	0.10	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0027	1.016	0.0150	1.010	0.0461	0.0205	34	0.12	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0964	1.017	0.0590	1.010	0.0461	0.0205	34	0.14	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0675	1.020	0.0200	1.010	0.0461	0.0205	34	0.21	0%	0
031.43	Phosphorus, ICP, Microwave (%)	0918	1.022	0.0500	1.010	0.0461	0.0205	34	0.26	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0226	1.025	0.0300	1.010	0.0461	0.0205	34	0.32	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0006	1.037	0.0105	1.010	0.0461	0.0205	34	0.59	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0011	1.040	0.0200	1.010	0.0461	0.0205	34	0.65	1%	0
031.43	Phosphorus, ICP, Microwave (%)	0870	1.042	0.0440	1.010	0.0461	0.0205	34	0.69	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0035	1.045	0.0300	1.010	0.0461	0.0205	34	0.76	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0017	1.053	0.0073	1.010	0.0461	0.0205	34	0.93	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0098	1.060	0.0080	1.010	0.0461	0.0205	34	1.08	2%	0
031.43	Phosphorus, ICP, Microwave (%)	2326	1.060	0.0400	1.010	0.0461	0.0205	34	1.08	2%	0
031.43	Phosphorus, ICP, Microwave (%)	0300	1.065	0.0300	1.010	0.0461	0.0205	34	1.19	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0505	1.070	0.0010	1.010	0.0461	0.0205	34	1.29	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0353	1.075	0.0100	1.010	0.0461	0.0205	34	1.41	3%	0
031.43	Phosphorus, ICP, Microwave (%)	0354	1.091	0.0100	1.010	0.0461	0.0205	34	1.75	4%	0
031.43	Phosphorus, ICP, Microwave (%)	0038	1.260	0.1400	1.010	0.0461	0.0205	34	5.42	12%	1
031.44	Phosphorus, ICP, Dry ash (%)	0066	0.9460	0.0220				3			0
031.44	Phosphorus, ICP, Dry ash (%)	2114	0.9913	0.0178				3			0
031.44	Phosphorus, ICP, Dry ash (%)	0164	1.030	0.0000				3			0
031.51	Phosphorus, ICP-MS, Dry ash (%)	2146	0.9550	0.0100				1			0
031.52	Phosphorus, ICP-MS, Open vessel (%)	0186	0.9958	0.0210				1			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0407	0.9626	0.0083				2			0
031.53	Phosphorus, ICP-MS, Microwave (%)	0939	1.030	0.0200				2			0
031.99	Phosphorus, Miscellaneous (%)	0889	0.8875	0.0050	0.9629	0.0676	0.0113	6	-1.12	4%	0
031.99	Phosphorus, Miscellaneous (%)	0242	0.9050	0.0100	0.9629	0.0676	0.0113	6	-0.86	3%	0
031.99	Phosphorus, Miscellaneous (%)	0676	0.9700	0.0000	0.9629	0.0676	0.0113	6	0.10	0%	0
031.99	Phosphorus, Miscellaneous (%)	2302	0.9700	0.0200	0.9629	0.0676	0.0113	6	0.10	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	
031.99	Phosphorus, Miscellaneous (%)	0100	0.9950	0.0100	0.9629	0.0676	0.0113	6	0.47	2%	0
031.99	Phosphorus, Miscellaneous (%)	0123	1.050	0.0000	0.9629	0.0676	0.0113	6	1.29	5%	0
032.31	Potassium, AAS, Dry ash (%)	0536	0.7850	0.0100	0.9207	0.0611	0.0133	7	-2.22	7%	0
032.31	Potassium, AAS, Dry ash (%)	2146	0.8800	0.0000	0.9207	0.0611	0.0133	7	-0.67	2%	0
032.31	Potassium, AAS, Dry ash (%)	0596	0.9250	0.0100	0.9207	0.0611	0.0133	7	0.07	0%	0
032.31	Potassium, AAS, Dry ash (%)	2196	0.9300	0.0000	0.9207	0.0611	0.0133	7	0.15	1%	0
032.31	Potassium, AAS, Dry ash (%)	0948	0.9310	0.0000	0.9207	0.0611	0.0133	7	0.17	1%	0
032.31	Potassium, AAS, Dry ash (%)	0939	0.9500	0.0200	0.9207	0.0611	0.0133	7	0.48	2%	0
032.31	Potassium, AAS, Dry ash (%)	0529	1.000	0.0000	0.9207	0.0611	0.0133	7	1.30	4%	0
032.31	Potassium, AAS, Dry ash (%)	0038	0.9735	0.0490	0.9207	0.0611	0.0133	7	0.86	3%	1
032.32	Potassium, AAS, Open vessel (%)	0169	0.9900	0.0200				1			0
032.41	Potassium, ICP, Dry ash (%)	0004	0.8050	0.0700	0.9532	0.0640	0.0272	19	-2.32	8%	0
032.41	Potassium, ICP, Dry ash (%)	0619	0.8675	0.0030	0.9532	0.0640	0.0272	19	-1.34	4%	0
032.41	Potassium, ICP, Dry ash (%)	0229	0.8800	0.0200	0.9532	0.0640	0.0272	19	-1.14	4%	0
032.41	Potassium, ICP, Dry ash (%)	0910	0.9050	0.0500	0.9532	0.0640	0.0272	19	-0.75	3%	0
032.41	Potassium, ICP, Dry ash (%)	0019	0.9075	0.0050	0.9532	0.0640	0.0272	19	-0.71	2%	0
032.41	Potassium, ICP, Dry ash (%)	0674	0.9100	0.0000	0.9532	0.0640	0.0272	19	-0.68	2%	0
032.41	Potassium, ICP, Dry ash (%)	0598	0.9155	0.0006	0.9532	0.0640	0.0272	19	-0.59	2%	0
032.41	Potassium, ICP, Dry ash (%)	0171	0.9450	0.0100	0.9532	0.0640	0.0272	19	-0.13	0%	0
032.41	Potassium, ICP, Dry ash (%)	0049	0.9600	0.0800	0.9532	0.0640	0.0272	19	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0358	0.9600	0.0000	0.9532	0.0640	0.0272	19	0.11	0%	0
032.41	Potassium, ICP, Dry ash (%)	0074	0.9700	0.0200	0.9532	0.0640	0.0272	19	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0144	0.9700	0.0400	0.9532	0.0640	0.0272	19	0.26	1%	0
032.41	Potassium, ICP, Dry ash (%)	0066	0.9770	0.0560	0.9532	0.0640	0.0272	19	0.37	1%	0
032.41	Potassium, ICP, Dry ash (%)	0226	0.9800	0.0000	0.9532	0.0640	0.0272	19	0.42	1%	0
032.41	Potassium, ICP, Dry ash (%)	0148	0.9875	0.0050	0.9532	0.0640	0.0272	19	0.54	2%	0
032.41	Potassium, ICP, Dry ash (%)	0413	1.005	0.0300	0.9532	0.0640	0.0272	19	0.81	3%	0
032.41	Potassium, ICP, Dry ash (%)	0098	1.025	0.0300	0.9532	0.0640	0.0272	19	1.12	4%	0
032.41	Potassium, ICP, Dry ash (%)	0520	1.044	0.0123	0.9532	0.0640	0.0272	19	1.42	5%	0
032.41	Potassium, ICP, Dry ash (%)	0407	1.045	0.0241	0.9532	0.0640	0.0272	19	1.43	5%	0
032.42	Potassium, ICP, Open vessel (%)	2129	0.9035	0.0010	1.023	0.0806	0.0271	19	-1.49	6%	0
032.42	Potassium, ICP, Open vessel (%)	0613	0.9150	0.0100	1.023	0.0806	0.0271	19	-1.34	5%	0
032.42	Potassium, ICP, Open vessel (%)	0504	0.9155	0.0170	1.023	0.0806	0.0271	19	-1.34	5%	0
032.42	Potassium, ICP, Open vessel (%)	2433	0.9612	0.0247	1.023	0.0806	0.0271	19	-0.77	3%	0
032.42	Potassium, ICP, Open vessel (%)	0263	0.9685	0.0050	1.023	0.0806	0.0271	19	-0.68	3%	0
032.42	Potassium, ICP, Open vessel (%)	0045	0.9785	0.0830	1.023	0.0806	0.0271	19	-0.55	2%	0
032.42	Potassium, ICP, Open vessel (%)	0870	0.9834	0.0027	1.023	0.0806	0.0271	19	-0.49	2%	0
032.42	Potassium, ICP, Open vessel (%)	0186	1.022	0.0092	1.023	0.0806	0.0271	19	-0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0278	1.025	0.0500	1.023	0.0806	0.0271	19	0.02	0%	0
032.42	Potassium, ICP, Open vessel (%)	0357	1.028	0.0038	1.023	0.0806	0.0271	19	0.06	0%	0
032.42	Potassium, ICP, Open vessel (%)	0693	1.037	0.0030	1.023	0.0806	0.0271	19	0.16	1%	0
032.42	Potassium, ICP, Open vessel (%)	0190	1.050	0.0000	1.023	0.0806	0.0271	19	0.33	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	
032.42	Potassium, ICP, Open vessel (%)	0042	1.055	0.0300	1.023	0.0806	0.0271	19	0.39	2%	0
032.42	Potassium, ICP, Open vessel (%)	0294	1.065	0.0100	1.023	0.0806	0.0271	19	0.52	2%	0
032.42	Potassium, ICP, Open vessel (%)	0692	1.080	0.0400	1.023	0.0806	0.0271	19	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0726	1.080	0.0200	1.023	0.0806	0.0271	19	0.70	3%	0
032.42	Potassium, ICP, Open vessel (%)	0202	1.090	0.0600	1.023	0.0806	0.0271	19	0.83	3%	0
032.42	Potassium, ICP, Open vessel (%)	0009	1.140	0.0705	1.023	0.0806	0.0271	19	1.45	6%	0
032.42	Potassium, ICP, Open vessel (%)	0026	1.166	0.0620	1.023	0.0806	0.0271	19	1.77	7%	0
032.43	Potassium, ICP, Microwave (%)	0089	0.8050	0.0100	0.9934	0.0339	0.0191	32	-5.56	9%	0
032.43	Potassium, ICP, Microwave (%)	0968	0.9125	0.0170	0.9934	0.0339	0.0191	32	-2.39	4%	0
032.43	Potassium, ICP, Microwave (%)	0510	0.9450	0.0100	0.9934	0.0339	0.0191	32	-1.43	2%	0
032.43	Potassium, ICP, Microwave (%)	2192	0.9550	0.0100	0.9934	0.0339	0.0191	32	-1.13	2%	0
032.43	Potassium, ICP, Microwave (%)	0345	0.9625	0.0050	0.9934	0.0339	0.0191	32	-0.91	2%	0
032.43	Potassium, ICP, Microwave (%)	0001	0.9645	0.0230	0.9934	0.0339	0.0191	32	-0.85	1%	0
032.43	Potassium, ICP, Microwave (%)	0297	0.9700	0.0600	0.9934	0.0339	0.0191	32	-0.69	1%	0
032.43	Potassium, ICP, Microwave (%)	0610	0.9700	0.0000	0.9934	0.0339	0.0191	32	-0.69	1%	0
032.43	Potassium, ICP, Microwave (%)	0918	0.9765	0.0070	0.9934	0.0339	0.0191	32	-0.50	1%	0
032.43	Potassium, ICP, Microwave (%)	0964	0.9770	0.0060	0.9934	0.0339	0.0191	32	-0.48	1%	0
032.43	Potassium, ICP, Microwave (%)	0027	0.9790	0.0180	0.9934	0.0339	0.0191	32	-0.43	1%	0
032.43	Potassium, ICP, Microwave (%)	0098	0.9800	0.0000	0.9934	0.0339	0.0191	32	-0.40	1%	0
032.43	Potassium, ICP, Microwave (%)	0512	0.9839	0.0443	0.9934	0.0339	0.0191	32	-0.28	0%	0
032.43	Potassium, ICP, Microwave (%)	0036	0.9880	0.0224	0.9934	0.0339	0.0191	32	-0.16	0%	0
032.43	Potassium, ICP, Microwave (%)	0226	0.9900	0.0200	0.9934	0.0339	0.0191	32	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0511	0.9900	0.0200	0.9934	0.0339	0.0191	32	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	2089	0.9900	0.0400	0.9934	0.0339	0.0191	32	-0.10	0%	0
032.43	Potassium, ICP, Microwave (%)	0011	0.9950	0.0100	0.9934	0.0339	0.0191	32	0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0629	0.9950	0.0100	0.9934	0.0339	0.0191	32	0.05	0%	0
032.43	Potassium, ICP, Microwave (%)	0870	0.9962	0.0277	0.9934	0.0339	0.0191	32	0.08	0%	0
032.43	Potassium, ICP, Microwave (%)	0010	1.000	0.0400	0.9934	0.0339	0.0191	32	0.19	0%	0
032.43	Potassium, ICP, Microwave (%)	0083	1.005	0.0100	0.9934	0.0339	0.0191	32	0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0876	1.005	0.0300	0.9934	0.0339	0.0191	32	0.34	1%	0
032.43	Potassium, ICP, Microwave (%)	0682	1.010	0.0000	0.9934	0.0339	0.0191	32	0.49	1%	0
032.43	Potassium, ICP, Microwave (%)	0035	1.020	0.0200	0.9934	0.0339	0.0191	32	0.78	1%	0
032.43	Potassium, ICP, Microwave (%)	0353	1.025	0.0100	0.9934	0.0339	0.0191	32	0.93	2%	0
032.43	Potassium, ICP, Microwave (%)	0017	1.034	0.0242	0.9934	0.0339	0.0191	32	1.20	2%	0
032.43	Potassium, ICP, Microwave (%)	0505	1.035	0.0070	0.9934	0.0339	0.0191	32	1.21	2%	0
032.43	Potassium, ICP, Microwave (%)	0407	1.035	0.0001	0.9934	0.0339	0.0191	32	1.23	2%	0
032.43	Potassium, ICP, Microwave (%)	0675	1.040	0.0200	0.9934	0.0339	0.0191	32	1.38	2%	0
032.43	Potassium, ICP, Microwave (%)	0354	1.044	0.0220	0.9934	0.0339	0.0191	32	1.49	3%	0
032.43	Potassium, ICP, Microwave (%)	2326	1.050	0.0400	0.9934	0.0339	0.0191	32	1.67	3%	0
032.43	Potassium, ICP, Microwave (%)	0028	0.8550	0.1300	0.9934	0.0339	0.0191	32	-4.09	7%	1
032.43	Potassium, ICP, Microwave (%)	0038	1.038	0.1240	0.9934	0.0339	0.0191	32	1.32	2%	1
032.44	Potassium, ICP, Dry ash (%)	2114	0.9397	0.0063				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			
032.44	Potassium, ICP, Dry ash (%)	0164	0.9810	0.0020				2			0
032.51	Potassium, ICP-MS, Dry ash (%)	2146	0.8900	0.0200				1			0
032.52	Potassium, ICP-MS, Open vessel (%)	2319	1.002	0.0560				2			0
032.52	Potassium, ICP-MS, Open vessel (%)	0186	1.009	0.0271				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0939	0.9550	0.0100				2			0
032.53	Potassium, ICP-MS, Microwave (%)	0407	0.9717	0.0095				2			0
032.99	Potassium, Miscellaneous (%)	0242	0.9250	0.0100	1.023	0.0926	0.0130	5			0
032.99	Potassium, Miscellaneous (%)	0001	0.9772	0.0118	1.023	0.0926	0.0130	5			0
032.99	Potassium, Miscellaneous (%)	0100	1.000	0.0200	1.023	0.0926	0.0130	5			0
032.99	Potassium, Miscellaneous (%)	0123	1.045	0.0100	1.023	0.0926	0.0130	5			0
032.99	Potassium, Miscellaneous (%)	0889	1.170	0.0000	1.023	0.0926	0.0130	5			0
033.00	Salt as chloride, Sol Cl (%)	0675	0.4050	0.0900	0.5317	0.0634	0.0376	17	-2.00	12%	0
033.00	Salt as chloride, Sol Cl (%)	2196	0.4600	0.0000	0.5317	0.0634	0.0376	17	-1.13	7%	0
033.00	Salt as chloride, Sol Cl (%)	0511	0.4700	0.0600	0.5317	0.0634	0.0376	17	-0.97	6%	0
033.00	Salt as chloride, Sol Cl (%)	2022	0.4900	0.0400	0.5317	0.0634	0.0376	17	-0.66	4%	0
033.00	Salt as chloride, Sol Cl (%)	0123	0.4950	0.0100	0.5317	0.0634	0.0376	17	-0.58	3%	0
033.00	Salt as chloride, Sol Cl (%)	2009	0.4977	0.0042	0.5317	0.0634	0.0376	17	-0.54	3%	0
033.00	Salt as chloride, Sol Cl (%)	0674	0.5000	0.0000	0.5317	0.0634	0.0376	17	-0.50	3%	0
033.00	Salt as chloride, Sol Cl (%)	2337	0.5050	0.0100	0.5317	0.0634	0.0376	17	-0.42	3%	0
033.00	Salt as chloride, Sol Cl (%)	0884	0.5400	0.0000	0.5317	0.0634	0.0376	17	0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	2146	0.5400	0.0000	0.5317	0.0634	0.0376	17	0.13	1%	0
033.00	Salt as chloride, Sol Cl (%)	2446	0.5410	0.0200	0.5317	0.0634	0.0376	17	0.15	1%	0
033.00	Salt as chloride, Sol Cl (%)	0693	0.5610	0.0340	0.5317	0.0634	0.0376	17	0.46	3%	0
033.00	Salt as chloride, Sol Cl (%)	2453	0.5843	0.0505	0.5317	0.0634	0.0376	17	0.83	5%	0
033.00	Salt as chloride, Sol Cl (%)	0353	0.5850	0.0100	0.5317	0.0634	0.0376	17	0.84	5%	0
033.00	Salt as chloride, Sol Cl (%)	0045	0.6020	0.0500	0.5317	0.0634	0.0376	17	1.11	7%	0
033.00	Salt as chloride, Sol Cl (%)	0539	0.6050	0.0700	0.5317	0.0634	0.0376	17	1.16	7%	0
033.00	Salt as chloride, Sol Cl (%)	0921	0.6750	0.0500	0.5317	0.0634	0.0376	17	2.26	13%	0
033.01	Salt as chloride, Poten Cl (%)	0619	0.5165	0.0010	0.5588	0.0248	0.0129	29	-1.70	4%	0
033.01	Salt as chloride, Poten Cl (%)	0083	0.5200	0.0000	0.5588	0.0248	0.0129	29	-1.56	3%	0
033.01	Salt as chloride, Poten Cl (%)	0596	0.5250	0.0100	0.5588	0.0248	0.0129	29	-1.36	3%	0
033.01	Salt as chloride, Poten Cl (%)	2109	0.5315	0.0010	0.5588	0.0248	0.0129	29	-1.10	2%	0
033.01	Salt as chloride, Poten Cl (%)	0226	0.5400	0.0200	0.5588	0.0248	0.0129	29	-0.76	2%	0
033.01	Salt as chloride, Poten Cl (%)	2190	0.5401	0.0004	0.5588	0.0248	0.0129	29	-0.75	2%	0
033.01	Salt as chloride, Poten Cl (%)	0001	0.5450	0.0100	0.5588	0.0248	0.0129	29	-0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0028	0.5500	0.0000	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0148	0.5500	0.0200	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0939	0.5500	0.0200	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0948	0.5500	0.0000	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0964	0.5500	0.0460	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	2146	0.5500	0.0000	0.5588	0.0248	0.0129	29	-0.35	1%	0
033.01	Salt as chloride, Poten Cl (%)	0354	0.5545	0.0030	0.5588	0.0248	0.0129	29	-0.17	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	
033.01	Salt as chloride, Poten Cl (%)	0413	0.5550	0.0100	0.5588	0.0248	0.0129	29	-0.15	0%	0
033.01	Salt as chloride, Poten Cl (%)	0100	0.5600	0.0000	0.5588	0.0248	0.0129	29	0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0242	0.5600	0.0000	0.5588	0.0248	0.0129	29	0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0278	0.5600	0.0000	0.5588	0.0248	0.0129	29	0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	2319	0.5600	0.0000	0.5588	0.0248	0.0129	29	0.05	0%	0
033.01	Salt as chloride, Poten Cl (%)	0004	0.5650	0.0100	0.5588	0.0248	0.0129	29	0.25	1%	0
033.01	Salt as chloride, Poten Cl (%)	0164	0.5650	0.0100	0.5588	0.0248	0.0129	29	0.25	1%	0
033.01	Salt as chloride, Poten Cl (%)	0019	0.5725	0.0050	0.5588	0.0248	0.0129	29	0.55	1%	0
033.01	Salt as chloride, Poten Cl (%)	0407	0.5760	0.0060	0.5588	0.0248	0.0129	29	0.69	2%	0
033.01	Salt as chloride, Poten Cl (%)	0186	0.5800	0.0000	0.5588	0.0248	0.0129	29	0.85	2%	0
033.01	Salt as chloride, Poten Cl (%)	0682	0.5900	0.0000	0.5588	0.0248	0.0129	29	1.26	3%	0
033.01	Salt as chloride, Poten Cl (%)	0229	0.5950	0.0100	0.5588	0.0248	0.0129	29	1.46	3%	0
033.01	Salt as chloride, Poten Cl (%)	2268	0.5950	0.0300	0.5588	0.0248	0.0129	29	1.46	3%	0
033.01	Salt as chloride, Poten Cl (%)	0510	0.5975	0.1070	0.5588	0.0248	0.0129	29	1.56	3%	0
033.01	Salt as chloride, Poten Cl (%)	0098	0.6800	0.0200	0.5588	0.0248	0.0129	29	4.88	11%	0
033.01	Salt as chloride, Poten Cl (%)	0003	0.6000	0.2000	0.5588	0.0248	0.0129	29	1.66	4%	1
033.03	Salt as chloride, Quantab (%)	0144	0.3700	0.0200	0.5440	0.1866	0.0733	5			0
033.03	Salt as chloride, Quantab (%)	0726	0.4000	0.0000	0.5440	0.1866	0.0733	5			0
033.03	Salt as chloride, Quantab (%)	0190	0.4800	0.0000	0.5440	0.1866	0.0733	5			0
033.03	Salt as chloride, Quantab (%)	0505	0.6600	0.1200	0.5440	0.1866	0.0733	5			0
033.03	Salt as chloride, Quantab (%)	2076	0.8100	0.0800	0.5440	0.1866	0.0733	5			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0171	0.4700	0.0000				2			0
033.05	Salt as chloride, Ion Sel Electrode (%)	0689	0.5350	0.0100				2			0
033.99	Salt, Miscellaneous (%)	2246	0.3500	0.0000	0.5931	0.1113	0.0350	12	-2.18	20%	0
033.99	Salt, Miscellaneous (%)	0910	0.5200	0.0400	0.5931	0.1113	0.0350	12	-0.66	6%	0
033.99	Salt, Miscellaneous (%)	0964	0.5405	0.0270	0.5931	0.1113	0.0350	12	-0.47	4%	0
033.99	Salt, Miscellaneous (%)	0017	0.5506	0.0354	0.5931	0.1113	0.0350	12	-0.38	4%	0
033.99	Salt, Miscellaneous (%)	2144	0.5550	0.0100	0.5931	0.1113	0.0350	12	-0.34	3%	0
033.99	Salt, Miscellaneous (%)	0027	0.5555	0.0050	0.5931	0.1113	0.0350	12	-0.34	3%	0
033.99	Salt, Miscellaneous (%)	0358	0.5650	0.0500	0.5931	0.1113	0.0350	12	-0.25	2%	0
033.99	Salt, Miscellaneous (%)	2326	0.5700	0.0200	0.5931	0.1113	0.0350	12	-0.21	2%	0
033.99	Salt, Miscellaneous (%)	2129	0.6565	0.0130	0.5931	0.1113	0.0350	12	0.57	5%	0
033.99	Salt, Miscellaneous (%)	0042	0.6580	0.0920	0.5931	0.1113	0.0350	12	0.58	5%	0
033.99	Salt, Miscellaneous (%)	0536	0.9700	0.0400	0.5931	0.1113	0.0350	12	3.39	32%	0
033.99	Salt, Miscellaneous (%)	0613	1.525	0.0700	0.5931	0.1113	0.0350	12	8.37	79%	0
033.99	Salt, Miscellaneous (%)	2181	0.6400	0.4600	0.5931	0.1113	0.0350	12	0.42	4%	1
034.01	Selenium, Total (Se), Fluor (ppm)	0038	0.9800	0.0600				1			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0171	0.1200	0.0400	0.5093	0.2815	0.0715	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0045	0.5495	0.1770	0.5093	0.2815	0.0715	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0169	0.5750	0.0100	0.5093	0.2815	0.0715	4			0
034.04	Selenium, Total (Se), AA, Hydride (ppm)	0563	0.7925	0.0588	0.5093	0.2815	0.0715	4			0
034.34	Selenium, Total (Se), AAS, Graphite furnace (p	0596	0.1900	0.0400				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			
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0619	0.8780	0.0160				2		0	
034.41	Selenium, Total (Se), ICP, Dry ash (ppm)	0148	0.9200	0.1600				2		0	
034.42	Selenium, Total (Se), ICP, Open vessel (ppm)	0692	1.400	0.0600				1		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0066	0.6780	0.0400	1.079	0.3623	0.0346	5		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0964	0.7705	0.0150	1.079	0.3623	0.0346	5		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	2114	1.057	0.0820	1.079	0.3623	0.0346	5		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0968	1.441	0.0160	1.079	0.3623	0.0346	5		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0629	1.450	0.0200	1.079	0.3623	0.0346	5		0	
034.43	Selenium, Total (Se), ICP, Microwave (ppm)	0682	< 5		1.079	0.3623	0.0346	5		5	
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0910	0.8700	0.0000				2		0	
034.52	Selenium, Total (Se), ICP-MS, Open vessel (ppm)	0186	1.971	0.3333				2		0	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0009	0.8600	0.0200	0.9506	0.0621	0.0690	5		0	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0164	0.9185	0.0190	0.9506	0.0621	0.0690	5		0	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0407	0.9643	0.1710	0.9506	0.0621	0.0690	5		0	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0610	1.000	0.0200	0.9506	0.0621	0.0690	5		0	
034.53	Selenium, Total (Se), ICP-MS, Microwave (ppm)	0560	1.010	0.1149	0.9506	0.0621	0.0690	5		0	
034.99	Selenium, Total (Se), Miscellaneous (ppm)	0190	1.335	0.0000				1		0	
035.01	Sodium, Ion-selective electrode (%)	2109	0.2920	0.0540				1		0	
035.02	Sodium, Em Spect (%)	0884	0.2050	0.0100				1		0	
035.05	Sodium, Flame Emission (%)	0108	0.2200	0.0000				1		0	
035.31	Sodium, AAS, Dry ash (%)	0939	0.2050	0.0100	0.2435	0.0429	0.0236	7	-0.90	8%	0
035.31	Sodium, AAS, Dry ash (%)	0563	0.2096	0.0050	0.2435	0.0429	0.0236	7	-0.79	7%	0
035.31	Sodium, AAS, Dry ash (%)	0038	0.2315	0.0430	0.2435	0.0429	0.0236	7	-0.28	2%	0
035.31	Sodium, AAS, Dry ash (%)	2196	0.2330	0.0000	0.2435	0.0429	0.0236	7	-0.25	2%	0
035.31	Sodium, AAS, Dry ash (%)	0948	0.2355	0.0130	0.2435	0.0429	0.0236	7	-0.19	2%	0
035.31	Sodium, AAS, Dry ash (%)	0622	0.2822	0.0010	0.2435	0.0429	0.0236	7	0.90	8%	0
035.31	Sodium, AAS, Dry ash (%)	0536	1.190	0.0800	0.2435	0.0429	0.0236	7	22.05	194%	0
035.41	Sodium, ICP, Dry ash (%)	0229	0.1950	0.0300	0.2184	0.0106	0.0104	19	-2.20	5%	0
035.41	Sodium, ICP, Dry ash (%)	0049	0.2050	0.0100	0.2184	0.0106	0.0104	19	-1.26	3%	0
035.41	Sodium, ICP, Dry ash (%)	0619	0.2085	0.0110	0.2184	0.0106	0.0104	19	-0.93	2%	0
035.41	Sodium, ICP, Dry ash (%)	0148	0.2100	0.0000	0.2184	0.0106	0.0104	19	-0.79	2%	0
035.41	Sodium, ICP, Dry ash (%)	0171	0.2100	0.0000	0.2184	0.0106	0.0104	19	-0.79	2%	0
035.41	Sodium, ICP, Dry ash (%)	0910	0.2100	0.0200	0.2184	0.0106	0.0104	19	-0.79	2%	0
035.41	Sodium, ICP, Dry ash (%)	0066	0.2125	0.0130	0.2184	0.0106	0.0104	19	-0.55	1%	0
035.41	Sodium, ICP, Dry ash (%)	0144	0.2150	0.0100	0.2184	0.0106	0.0104	19	-0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	0164	0.2170	0.0020	0.2184	0.0106	0.0104	19	-0.13	0%	0
035.41	Sodium, ICP, Dry ash (%)	0358	0.2200	0.0200	0.2184	0.0106	0.0104	19	0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	0413	0.2200	0.0000	0.2184	0.0106	0.0104	19	0.15	0%	0
035.41	Sodium, ICP, Dry ash (%)	2114	0.2218	0.0012	0.2184	0.0106	0.0104	19	0.32	1%	0
035.41	Sodium, ICP, Dry ash (%)	2259	0.2220	0.0020	0.2184	0.0106	0.0104	19	0.34	1%	0
035.41	Sodium, ICP, Dry ash (%)	0098	0.2250	0.0100	0.2184	0.0106	0.0104	19	0.62	2%	0
035.41	Sodium, ICP, Dry ash (%)	0407	0.2258	0.0026	0.2184	0.0106	0.0104	19	0.70	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	
035.41	Sodium, ICP, Dry ash (%)	0004	0.2300	0.0200	0.2184	0.0106	0.0104	19	1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0520	0.2300	0.0108	0.2184	0.0106	0.0104	19	1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0226	0.2300	0.0000	0.2184	0.0106	0.0104	19	1.09	3%	0
035.41	Sodium, ICP, Dry ash (%)	0598	0.2468	0.0003	0.2184	0.0106	0.0104	19	2.67	6%	0
035.42	Sodium, ICP, Open vessel (%)	0504	0.1905	0.0150	0.2206	0.0172	0.0096	17	-1.75	7%	0
035.42	Sodium, ICP, Open vessel (%)	2129	0.2030	0.0080	0.2206	0.0172	0.0096	17	-1.02	4%	0
035.42	Sodium, ICP, Open vessel (%)	0294	0.2050	0.0100	0.2206	0.0172	0.0096	17	-0.91	4%	0
035.42	Sodium, ICP, Open vessel (%)	0870	0.2062	0.0040	0.2206	0.0172	0.0096	17	-0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	0045	0.2065	0.0430	0.2206	0.0172	0.0096	17	-0.82	3%	0
035.42	Sodium, ICP, Open vessel (%)	0357	0.2124	0.0049	0.2206	0.0172	0.0096	17	-0.48	2%	0
035.42	Sodium, ICP, Open vessel (%)	2319	0.2130	0.0040	0.2206	0.0172	0.0096	17	-0.44	2%	0
035.42	Sodium, ICP, Open vessel (%)	0263	0.2140	0.0000	0.2206	0.0172	0.0096	17	-0.38	1%	0
035.42	Sodium, ICP, Open vessel (%)	0190	0.2250	0.0100	0.2206	0.0172	0.0096	17	0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0278	0.2250	0.0100	0.2206	0.0172	0.0096	17	0.26	1%	0
035.42	Sodium, ICP, Open vessel (%)	0693	0.2290	0.0440	0.2206	0.0172	0.0096	17	0.49	2%	0
035.42	Sodium, ICP, Open vessel (%)	0202	0.2290	0.0040	0.2206	0.0172	0.0096	17	0.49	2%	0
035.42	Sodium, ICP, Open vessel (%)	0186	0.2296	0.0142	0.2206	0.0172	0.0096	17	0.52	2%	0
035.42	Sodium, ICP, Open vessel (%)	0726	0.2300	0.0000	0.2206	0.0172	0.0096	17	0.55	2%	0
035.42	Sodium, ICP, Open vessel (%)	0692	0.2350	0.0100	0.2206	0.0172	0.0096	17	0.84	3%	0
035.42	Sodium, ICP, Open vessel (%)	2433	0.2646	0.0040	0.2206	0.0172	0.0096	17	2.56	10%	0
035.42	Sodium, ICP, Open vessel (%)	0613	0.4350	0.0100	0.2206	0.0172	0.0096	17	12.46	49%	0
035.43	Sodium, ICP, Microwave (%)	0297	0.2000	0.0000	0.2203	0.0137	0.0080	23	-1.49	5%	0
035.43	Sodium, ICP, Microwave (%)	0345	0.2035	0.0030	0.2203	0.0137	0.0080	23	-1.23	4%	0
035.43	Sodium, ICP, Microwave (%)	2192	0.2050	0.0100	0.2203	0.0137	0.0080	23	-1.12	3%	0
035.43	Sodium, ICP, Microwave (%)	0870	0.2089	0.0064	0.2203	0.0137	0.0080	23	-0.84	3%	0
035.43	Sodium, ICP, Microwave (%)	0629	0.2100	0.0000	0.2203	0.0137	0.0080	23	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0918	0.2100	0.0100	0.2203	0.0137	0.0080	23	-0.76	2%	0
035.43	Sodium, ICP, Microwave (%)	0968	0.2120	0.0020	0.2203	0.0137	0.0080	23	-0.61	2%	0
035.43	Sodium, ICP, Microwave (%)	0001	0.2125	0.0090	0.2203	0.0137	0.0080	23	-0.57	2%	0
035.43	Sodium, ICP, Microwave (%)	0098	0.2150	0.0100	0.2203	0.0137	0.0080	23	-0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	2089	0.2150	0.0100	0.2203	0.0137	0.0080	23	-0.39	1%	0
035.43	Sodium, ICP, Microwave (%)	0226	0.2200	0.0000	0.2203	0.0137	0.0080	23	-0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0682	0.2200	0.0000	0.2203	0.0137	0.0080	23	-0.03	0%	0
035.43	Sodium, ICP, Microwave (%)	0407	0.2210	0.0049	0.2203	0.0137	0.0080	23	0.04	0%	0
035.43	Sodium, ICP, Microwave (%)	0510	0.2220	0.0000	0.2203	0.0137	0.0080	23	0.12	0%	0
035.43	Sodium, ICP, Microwave (%)	0610	0.2250	0.0100	0.2203	0.0137	0.0080	23	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0675	0.2250	0.0100	0.2203	0.0137	0.0080	23	0.34	1%	0
035.43	Sodium, ICP, Microwave (%)	0083	0.2255	0.0010	0.2203	0.0137	0.0080	23	0.38	1%	0
035.43	Sodium, ICP, Microwave (%)	2326	0.2300	0.0200	0.2203	0.0137	0.0080	23	0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0035	0.2300	0.0000	0.2203	0.0137	0.0080	23	0.71	2%	0
035.43	Sodium, ICP, Microwave (%)	0354	0.2350	0.0060	0.2203	0.0137	0.0080	23	1.07	3%	0
035.43	Sodium, ICP, Microwave (%)	0353	0.2446	0.0058	0.2203	0.0137	0.0080	23	1.77	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	
035.43	Sodium, ICP, Microwave (%)	0038	0.2905	0.0190	0.2203	0.0137	0.0080	23	5.12	16%	0
035.43	Sodium, ICP, Microwave (%)	0089	0.3700	0.0000	0.2203	0.0137	0.0080	23	10.93	34%	0
035.43	Sodium, ICP, Microwave (%)	0964	9.720	0.1400	0.2203	0.0137	0.0080	23	>100	2156%	2
035.52	Sodium, ICP-MS, Open vessel (%)	0186	0.2312	0.0047				1			0
035.53	Sodium, ICP-MS, Microwave (%)	0939	0.2050	0.0300				2			0
035.53	Sodium, ICP-MS, Microwave (%)	0407	0.2080	0.0129				2			0
035.99	Sodium, Miscellaneous (%)	0100	0.2050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0242	0.2050	0.0100				3			0
035.99	Sodium, Miscellaneous (%)	0123	0.2400	0.0000				3			0
035.99	Sodium, Miscellaneous (%)	0889	0.5275	0.0050				3			2
036.00	Sulfur, Gravimetric (%)	0038	0.4025	0.0430				1			0
036.04	Sulfur, LECO (%)	0229	0.3550	0.0100	0.3709	0.0166	0.0076	5			0
036.04	Sulfur, LECO (%)	0948	0.3569	0.0011	0.3709	0.0166	0.0076	5			0
036.04	Sulfur, LECO (%)	0001	0.3660	0.0140	0.3709	0.0166	0.0076	5			0
036.04	Sulfur, LECO (%)	0226	0.3850	0.0100	0.3709	0.0166	0.0076	5			0
036.04	Sulfur, LECO (%)	0148	0.3915	0.0030	0.3709	0.0166	0.0076	5			0
036.42	Sulfur, ICP, Open vessel (%)	0613	0.2600	0.0200	0.3575	0.0300	0.0129	19	-3.25	14%	0
036.42	Sulfur, ICP, Open vessel (%)	0294	0.3150	0.0100	0.3575	0.0300	0.0129	19	-1.42	6%	0
036.42	Sulfur, ICP, Open vessel (%)	0910	0.3329	0.0136	0.3575	0.0300	0.0129	19	-0.82	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0870	0.3363	0.0030	0.3575	0.0300	0.0129	19	-0.71	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0045	0.3380	0.0240	0.3575	0.0300	0.0129	19	-0.65	3%	0
036.42	Sulfur, ICP, Open vessel (%)	2129	0.3385	0.0110	0.3575	0.0300	0.0129	19	-0.63	3%	0
036.42	Sulfur, ICP, Open vessel (%)	0407	0.3413	0.0135	0.3575	0.0300	0.0129	19	-0.54	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0357	0.3451	0.0027	0.3575	0.0300	0.0129	19	-0.41	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0042	0.3485	0.0050	0.3575	0.0300	0.0129	19	-0.30	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0693	0.3500	0.0060	0.3575	0.0300	0.0129	19	-0.25	1%	0
036.42	Sulfur, ICP, Open vessel (%)	0164	0.3600	0.0000	0.3575	0.0300	0.0129	19	0.09	0%	0
036.42	Sulfur, ICP, Open vessel (%)	0708	0.3710	0.0160	0.3575	0.0300	0.0129	19	0.45	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0186	0.3731	0.0104	0.3575	0.0300	0.0129	19	0.52	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0190	0.3750	0.0100	0.3575	0.0300	0.0129	19	0.59	2%	0
036.42	Sulfur, ICP, Open vessel (%)	0202	0.3845	0.0190	0.3575	0.0300	0.0129	19	0.90	4%	0
036.42	Sulfur, ICP, Open vessel (%)	0171	0.3900	0.0200	0.3575	0.0300	0.0129	19	1.09	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0726	0.3900	0.0000	0.3575	0.0300	0.0129	19	1.09	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0278	0.3950	0.0100	0.3575	0.0300	0.0129	19	1.25	5%	0
036.42	Sulfur, ICP, Open vessel (%)	0692	0.3950	0.0300	0.3575	0.0300	0.0129	19	1.25	5%	0
036.43	Sulfur, ICP, Microwave (%)	0297	0.3350	0.0100	0.3789	0.0230	0.0096	23	-1.91	6%	0
036.43	Sulfur, ICP, Microwave (%)	0345	0.3495	0.0110	0.3789	0.0230	0.0096	23	-1.28	4%	0
036.43	Sulfur, ICP, Microwave (%)	0510	0.3500	0.0000	0.3789	0.0230	0.0096	23	-1.26	4%	0
036.43	Sulfur, ICP, Microwave (%)	0407	0.3570	0.0031	0.3789	0.0230	0.0096	23	-0.95	3%	0
036.43	Sulfur, ICP, Microwave (%)	2326	0.3600	0.0400	0.3789	0.0230	0.0096	23	-0.82	2%	0
036.43	Sulfur, ICP, Microwave (%)	0083	0.3610	0.0040	0.3789	0.0230	0.0096	23	-0.78	2%	0
036.43	Sulfur, ICP, Microwave (%)	0226	0.3650	0.0100	0.3789	0.0230	0.0096	23	-0.60	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 (%)	0870	0.3666	0.0138	0.3789	0.0230	0.0096	23	-0.53	2%	0
036.43	Sulfur, ICP, Microwave (%)	0918	0.3710	0.0140	0.3789	0.0230	0.0096	23	-0.34	1%	0
036.43	Sulfur, ICP, Microwave (%)	0964	0.3735	0.0310	0.3789	0.0230	0.0096	23	-0.23	1%	0
036.43	Sulfur, ICP, Microwave (%)	0035	0.3750	0.0100	0.3789	0.0230	0.0096	23	-0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0876	0.3750	0.0100	0.3789	0.0230	0.0096	23	-0.17	1%	0
036.43	Sulfur, ICP, Microwave (%)	0629	0.3800	0.0000	0.3789	0.0230	0.0096	23	0.05	0%	0
036.43	Sulfur, ICP, Microwave (%)	0682	0.3900	0.0000	0.3789	0.0230	0.0096	23	0.48	1%	0
036.43	Sulfur, ICP, Microwave (%)	0038	0.3915	0.0010	0.3789	0.0230	0.0096	23	0.55	2%	0
036.43	Sulfur, ICP, Microwave (%)	0098	0.3931	0.0041	0.3789	0.0230	0.0096	23	0.62	2%	0
036.43	Sulfur, ICP, Microwave (%)	0001	0.3950	0.0160	0.3789	0.0230	0.0096	23	0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0353	0.3950	0.0100	0.3789	0.0230	0.0096	23	0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	2089	0.3950	0.0100	0.3789	0.0230	0.0096	23	0.70	2%	0
036.43	Sulfur, ICP, Microwave (%)	0505	0.3990	0.0140	0.3789	0.0230	0.0096	23	0.87	3%	0
036.43	Sulfur, ICP, Microwave (%)	0968	0.4010	0.0040	0.3789	0.0230	0.0096	23	0.96	3%	0
036.43	Sulfur, ICP, Microwave (%)	0169	0.4135	0.0010	0.3789	0.0230	0.0096	23	1.51	5%	0
036.43	Sulfur, ICP, Microwave (%)	0066	0.4310	0.0080	0.3789	0.0230	0.0096	23	2.27	7%	0
036.52	Sulfur, ICP-MS, Open vessel (%)	0186	0.3722	0.0055				1			0
036.99	Sulfur, Miscellaneous (%)	0242	0.3150	0.0100				2			0
036.99	Sulfur, Miscellaneous (%)	0889	0.3600	0.0000				2			0
037.31	Zinc, AAS, Dry ash (ppm)	0536	300.5	3.000	377.8	41.82	10.42	12	-1.85	10%	0
037.31	Zinc, AAS, Dry ash (ppm)	0622	317.1	8.087	377.8	41.82	10.42	12	-1.45	8%	0
037.31	Zinc, AAS, Dry ash (ppm)	2188	340.8	2.450	377.8	41.82	10.42	12	-0.88	5%	0
037.31	Zinc, AAS, Dry ash (ppm)	0596	375.2	5.170	377.8	41.82	10.42	12	-0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	0563	378.7	7.777	377.8	41.82	10.42	12	0.02	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2196	380.4	0.0000	377.8	41.82	10.42	12	0.06	0%	0
037.31	Zinc, AAS, Dry ash (ppm)	2195	389.2	16.14	377.8	41.82	10.42	12	0.27	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0001	389.4	30.40	377.8	41.82	10.42	12	0.28	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0939	395.2	7.530	377.8	41.82	10.42	12	0.42	2%	0
037.31	Zinc, AAS, Dry ash (ppm)	0529	403.8	0.0000	377.8	41.82	10.42	12	0.62	3%	0
037.31	Zinc, AAS, Dry ash (ppm)	0884	410.8	1.400	377.8	41.82	10.42	12	0.79	4%	0
037.31	Zinc, AAS, Dry ash (ppm)	0651	438.1	36.65	377.8	41.82	10.42	12	1.44	8%	0
037.32	Zinc, AAS, Open vessel (ppm)	0038	368.5	35.00				1			0
037.33	Zinc, AAS, Microwave (ppm)	0948	359.4	11.19				1			0
037.41	Zinc, ICP, Dry ash (ppm)	0848	322.2	3.446	370.7	24.94	14.87	17	-1.95	7%	0
037.41	Zinc, ICP, Dry ash (ppm)	0619	337.5	9.000	370.7	24.94	14.87	17	-1.33	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0171	343.0	8.000	370.7	24.94	14.87	17	-1.11	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0358	357.9	12.26	370.7	24.94	14.87	17	-0.51	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0004	359.2	29.56	370.7	24.94	14.87	17	-0.46	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0019	359.8	15.40	370.7	24.94	14.87	17	-0.44	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0520	361.3	20.84	370.7	24.94	14.87	17	-0.38	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0598	363.5	0.5180	370.7	24.94	14.87	17	-0.29	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0674	375.3	0.0000	370.7	24.94	14.87	17	0.18	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)	0049	376.7	26.24	370.7	24.94	14.87	17	0.24	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0148	378.7	57.88	370.7	24.94	14.87	17	0.32	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0910	379.0	10.00	370.7	24.94	14.87	17	0.33	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0407	380.8	8.555	370.7	24.94	14.87	17	0.40	1%	0
037.41	Zinc, ICP, Dry ash (ppm)	0226	381.9	4.270	370.7	24.94	14.87	17	0.45	2%	0
037.41	Zinc, ICP, Dry ash (ppm)	0098	401.5	53.30	370.7	24.94	14.87	17	1.23	4%	0
037.41	Zinc, ICP, Dry ash (ppm)	0229	404.6	6.800	370.7	24.94	14.87	17	1.36	5%	0
037.41	Zinc, ICP, Dry ash (ppm)	0074	434.5	17.00	370.7	24.94	14.87	17	2.56	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0009	295.0	10.00	391.7	61.55	18.88	20	-1.57	12%	0
037.42	Zinc, ICP, Open vessel (ppm)	0870	298.9	14.40	391.7	61.55	18.88	20	-1.51	12%	0
037.42	Zinc, ICP, Open vessel (ppm)	0263	318.4	0.1130	391.7	61.55	18.88	20	-1.19	9%	0
037.42	Zinc, ICP, Open vessel (ppm)	0045	331.0	62.00	391.7	61.55	18.88	20	-0.99	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0186	347.5	5.230	391.7	61.55	18.88	20	-0.72	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	2319	362.0	2.000	391.7	61.55	18.88	20	-0.48	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	2129	374.7	0.5000	391.7	61.55	18.88	20	-0.28	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0278	383.0	26.00	391.7	61.55	18.88	20	-0.14	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0693	384.1	29.98	391.7	61.55	18.88	20	-0.12	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0357	397.4	0.2780	391.7	61.55	18.88	20	0.09	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0190	402.5	2.300	391.7	61.55	18.88	20	0.17	1%	0
037.42	Zinc, ICP, Open vessel (ppm)	0413	403.5	11.00	391.7	61.55	18.88	20	0.19	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	2433	403.6	2.570	391.7	61.55	18.88	20	0.19	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0202	409.5	61.00	391.7	61.55	18.88	20	0.29	2%	0
037.42	Zinc, ICP, Open vessel (ppm)	0294	426.9	15.45	391.7	61.55	18.88	20	0.57	4%	0
037.42	Zinc, ICP, Open vessel (ppm)	0692	430.5	53.00	391.7	61.55	18.88	20	0.63	5%	0
037.42	Zinc, ICP, Open vessel (ppm)	0613	442.4	36.55	391.7	61.55	18.88	20	0.82	6%	0
037.42	Zinc, ICP, Open vessel (ppm)	0042	451.0	34.00	391.7	61.55	18.88	20	0.96	8%	0
037.42	Zinc, ICP, Open vessel (ppm)	0726	491.4	16.50	391.7	61.55	18.88	20	1.62	13%	0
037.42	Zinc, ICP, Open vessel (ppm)	0504	498.5	27.00	391.7	61.55	18.88	20	1.73	14%	0
037.42	Zinc, ICP, Open vessel (ppm)	0026	1,958	3,199	391.7	61.55	18.88	20	25.44	200%	2
037.43	Zinc, ICP, Microwave (ppm)	0870	323.8	15.60	385.9	31.71	12.96	33	-1.96	8%	0
037.43	Zinc, ICP, Microwave (ppm)	0028	342.1	28.95	385.9	31.71	12.96	33	-1.38	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0297	343.0	6.000	385.9	31.71	12.96	33	-1.35	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0629	346.0	6.000	385.9	31.71	12.96	33	-1.26	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0918	350.1	11.25	385.9	31.71	12.96	33	-1.13	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0354	350.7	25.28	385.9	31.71	12.96	33	-1.11	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0968	361.9	2.149	385.9	31.71	12.96	33	-0.76	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0511	365.5	13.00	385.9	31.71	12.96	33	-0.64	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0510	368.0	8.000	385.9	31.71	12.96	33	-0.56	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0848	368.6	12.09	385.9	31.71	12.96	33	-0.55	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0682	373.3	0.0000	385.9	31.71	12.96	33	-0.40	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0010	375.4	12.90	385.9	31.71	12.96	33	-0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0345	375.7	11.20	385.9	31.71	12.96	33	-0.32	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
037.43	Zinc, ICP, Microwave (ppm)	0407	376.6	5.670	385.9	31.71	12.96	33	-0.29	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2326	378.0	4.000	385.9	31.71	12.96	33	-0.25	1%	0
037.43	Zinc, ICP, Microwave (ppm)	2192	378.5	11.00	385.9	31.71	12.96	33	-0.23	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0675	383.2	6.780	385.9	31.71	12.96	33	-0.08	0%	0
037.43	Zinc, ICP, Microwave (ppm)	0964	390.0	34.00	385.9	31.71	12.96	33	0.13	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0001	390.5	43.00	385.9	31.71	12.96	33	0.14	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0876	394.4	5.880	385.9	31.71	12.96	33	0.27	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0083	396.2	6.910	385.9	31.71	12.96	33	0.32	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0035	396.5	5.000	385.9	31.71	12.96	33	0.33	1%	0
037.43	Zinc, ICP, Microwave (ppm)	0353	399.4	15.50	385.9	31.71	12.96	33	0.43	2%	0
037.43	Zinc, ICP, Microwave (ppm)	2089	404.9	11.65	385.9	31.71	12.96	33	0.60	2%	0
037.43	Zinc, ICP, Microwave (ppm)	0011	409.0	8.000	385.9	31.71	12.96	33	0.73	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0027	409.1	24.29	385.9	31.71	12.96	33	0.73	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0017	409.3	20.97	385.9	31.71	12.96	33	0.74	3%	0
037.43	Zinc, ICP, Microwave (ppm)	0512	417.4	59.90	385.9	31.71	12.96	33	0.99	4%	0
037.43	Zinc, ICP, Microwave (ppm)	0098	423.9	18.90	385.9	31.71	12.96	33	1.20	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0169	426.5	7.000	385.9	31.71	12.96	33	1.28	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0505	427.5	1.000	385.9	31.71	12.96	33	1.31	5%	0
037.43	Zinc, ICP, Microwave (ppm)	0038	432.0	22.00	385.9	31.71	12.96	33	1.45	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0610	436.0	10.00	385.9	31.71	12.96	33	1.58	6%	0
037.43	Zinc, ICP, Microwave (ppm)	0226	2,080	3,391	385.9	31.71	12.96	33	53.43	219%	2
037.44	Zinc, ICP, Dry ash (ppm)	0164	351.0	12.00				3			0
037.44	Zinc, ICP, Dry ash (ppm)	0066	352.5	18.69				3			0
037.44	Zinc, ICP, Dry ash (ppm)	2114	388.8	14.00				3			0
037.52	Zinc, ICP-MS, Open vessel (ppm)	0186	408.9	1.100				1			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0407	375.4	15.47				2			0
037.53	Zinc, ICP-MS, Microwave (ppm)	0939	383.0	2.000				2			0
037.99	Zinc, Miscellaneous (ppm)	0242	341.0	14.00				3			0
037.99	Zinc, Miscellaneous (ppm)	0889	341.5	5.985				3			0
037.99	Zinc, Miscellaneous (ppm)	0123	355.5	13.00				3			0
037.99	Zinc, Miscellaneous (ppm)	0100	444.5	41.00				3			2
038.41	Molybdenum, ICP, Dry ash (ppm)	0407	1.430	0.0385				2			0
038.41	Molybdenum, ICP, Dry ash (ppm)	0226	1.865	0.0900				2			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0045	1.140	0.7610	1.556	0.3068	0.3608	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0693	1.501	0.4430	1.556	0.3068	0.3608	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0202	1.515	0.1100	1.556	0.3068	0.3608	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0278	1.630	0.1000	1.556	0.3068	0.3608	5			0
038.42	Molybdenum, ICP, Open vessel (ppm)	0692	1.995	0.3900	1.556	0.3068	0.3608	5			0
038.43	Molybdenum, ICP, Microwave (ppm)	0353	0.7783	0.1035	1.398	0.4426	0.0670	8	-1.40	22%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0083	1.080	0.0000	1.398	0.4426	0.0670	8	-0.72	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0297	1.100	0.0000	1.398	0.4426	0.0670	8	-0.67	11%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0407	1.444	0.0358	1.398	0.4426	0.0670	8	0.10	2%	0

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038.43	Molybdenum, ICP, Microwave (ppm)	0510	1.500	0.2000	1.398	0.4426	0.0670	8	0.23	4%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0629	1.560	0.0400	1.398	0.4426	0.0670	8	0.37	6%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0964	1.746	0.0510	1.398	0.4426	0.0670	8	0.79	12%	0
038.43	Molybdenum, ICP, Microwave (ppm)	0169	1.975	0.0100	1.398	0.4426	0.0670	8	1.30	21%	0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0186	1.245	0.0300				2			0
038.52	Molybdenum, ICP-MS, Open vessel (ppm)	0910	1.295	0.0500				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0164	1.605	0.0100				2			0
038.53	Molybdenum, ICP-MS, Microwave (ppm)	0407	1.648	0.0225				2			0
038.99	Molybdenum, Miscellaneous (ppm)	0123	1.605	0.0300				1			0
040.53	Barium, ICP-MS, Microwave (ppm)	0407	12.10	0.4475				1			0
041.53	Vanadium, ICP-MS, Microwave (ppm)	0407	1.536	0.0175				1			0
042.00	Chloride, Titrimetric (%)	0226	0.3250	0.0100	0.3712	0.0672	0.0150	6	-0.69	6%	0
042.00	Chloride, Titrimetric (%)	0948	0.3300	0.0000	0.3712	0.0672	0.0150	6	-0.61	6%	0
042.00	Chloride, Titrimetric (%)	0629	0.3400	0.0000	0.3712	0.0672	0.0150	6	-0.46	4%	0
042.00	Chloride, Titrimetric (%)	2326	0.3450	0.0100	0.3712	0.0672	0.0150	6	-0.39	4%	0
042.00	Chloride, Titrimetric (%)	2199	0.4150	0.0100	0.3712	0.0672	0.0150	6	0.65	6%	0
042.00	Chloride, Titrimetric (%)	2200	0.5550	0.0300	0.3712	0.0672	0.0150	6	2.73	25%	0
042.01	Chloride, Ion-selective electrode (%)	2433	0.3455	0.0181				1			0
042.99	Chloride, Miscellaneous (%)	0297	0.3400	0.0000				2			0
042.99	Chloride, Miscellaneous (%)	0613	0.9900	0.0400				2			0
101.99	Choline Chloride, Miscellaneous (ppm)	0227	2,445	170.0				1			0
102.01	Niacin, Microbiological (ppm)	0227	156.5	1.000				1			0
103.01	Pantothenic Acid, Microbiological (ppm)	0227	17.40	0.2000				1			0
104.00	Riboflavin, Fluorometric (ppm)	0227	5.565	0.4100				1			0
104.03	Riboflavin, LC (ppm)	0910	3.455	0.4300				1			0
105.00	Thiamine, LC (ppm)	0910	7.130	1.680				1			0
105.01	Thiamine, Fluorometer (ppm)	0227	13.48	0.5100				1			0
106.00	Vitamin A, Color (KU / kg)	0227	7.730	0.5000				1			0
106.01	Vitamin A, UV (KU / kg)	0098	7.635	0.0700				1			0
106.02	Vitamin A, LC (KU / kg)	0968	3.850	0.3000	6.630	1.519	0.6458	11	-1.83	21%	0
106.02	Vitamin A, LC (KU / kg)	2319	5.475	0.0500	6.630	1.519	0.6458	11	-0.76	9%	0
106.02	Vitamin A, LC (KU / kg)	0004	5.820	0.5800	6.630	1.519	0.6458	11	-0.53	6%	0
106.02	Vitamin A, LC (KU / kg)	0148	6.018	0.2190	6.630	1.519	0.6458	11	-0.40	5%	0
106.02	Vitamin A, LC (KU / kg)	0619	6.190	0.5800	6.630	1.519	0.6458	11	-0.29	3%	0
106.02	Vitamin A, LC (KU / kg)	0563	6.499	1.380	6.630	1.519	0.6458	11	-0.09	1%	0
106.02	Vitamin A, LC (KU / kg)	0017	6.743	0.8945	6.630	1.519	0.6458	11	0.07	1%	0
106.02	Vitamin A, LC (KU / kg)	0512	6.924	0.0150	6.630	1.519	0.6458	11	0.19	2%	0
106.02	Vitamin A, LC (KU / kg)	0610	7.250	0.9000	6.630	1.519	0.6458	11	0.41	5%	0
106.02	Vitamin A, LC (KU / kg)	0010	8.755	1.810	6.630	1.519	0.6458	11	1.40	16%	0
106.02	Vitamin A, LC (KU / kg)	0038	10.55	0.7000	6.630	1.519	0.6458	11	2.58	30%	0
106.02	Vitamin A, LC (KU / kg)	0676	6,334	926.0	6.630	1.519	0.6458	11	>100	47715%	2
106.99	Vitamin A, Miscellaneous (KU / kg)	0914	4.155	0.2700				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
107.00	Vitamin B12, Microbiological (ppb)	0227	16.20	0.6000				1			0
108.02	Vitamin D3, LC (KU / kg)	0227	3.100	1.040				1			0
109.02	Vitamin E, LC (IU / kg)	0968	40.05	0.1000	73.89	22.65	4.545	11	-1.49	23%	0
109.02	Vitamin E, LC (IU / kg)	0098	54.00	8.000	73.89	22.65	4.545	11	-0.88	13%	0
109.02	Vitamin E, LC (IU / kg)	0619	62.00	6.000	73.89	22.65	4.545	11	-0.52	8%	0
109.02	Vitamin E, LC (IU / kg)	0148	67.36	1.650	73.89	22.65	4.545	11	-0.29	4%	0
109.02	Vitamin E, LC (IU / kg)	0610	67.80	9.400	73.89	22.65	4.545	11	-0.27	4%	0
109.02	Vitamin E, LC (IU / kg)	0676	70.05	0.5000	73.89	22.65	4.545	11	-0.17	3%	0
109.02	Vitamin E, LC (IU / kg)	2319	73.60	2.400	73.89	22.65	4.545	11	-0.01	0%	0
109.02	Vitamin E, LC (IU / kg)	0227	76.85	7.300	73.89	22.65	4.545	11	0.13	2%	0
109.02	Vitamin E, LC (IU / kg)	2188	93.42	15.28	73.89	22.65	4.545	11	0.86	13%	0
109.02	Vitamin E, LC (IU / kg)	0563	99.76	0.2590	73.89	22.65	4.545	11	1.14	18%	0
109.02	Vitamin E, LC (IU / kg)	0038	182.5	3.000	73.89	22.65	4.545	11	4.79	73%	0
109.99	Vitamin E, Miscellaneous (IU / kg)	0171	50.00	2.000				1			0
111.00	Vitamin C, Phosphorylated, LC (ppm)	0227	< 4.4					0			5
111.98	Vitamin C, Ascorbic Acid, Miscellaneous (ppm)	0910	< 0.1					0			5
112.01	Pyridoxine, LC (µg / g)	0227	5.350	0.4200				1			0
113.01	Folic Acid, Micro (ppm)	0227	4.215	0.1300				1			0
114.01	Biotin, Microbiological (ppm)	0227	0.8235	0.0650				1			0
114.99	Biotin, Miscellaneous (ppm)	0227	0.8480	0.0660				1			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0171	0.3750	0.0100	1.083	0.8283	0.0269	4			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0596	0.7150	0.0500	1.083	0.8283	0.0269	4			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0407	0.9712	0.0208	1.083	0.8283	0.0269	4			0
115.00	Non Protein N (NPN), Urea + Am, Urease meth	0035	2.270	0.0000	1.083	0.8283	0.0269	4			0
115.99	Non Protein N (NPN), Miscellaneous (%)	0610	0.8700	0.0000				2			0
115.99	Non Protein N (NPN), Miscellaneous (%)	2129	1.219	0.0300				2			0
120.00	Alanine, Post-col Ninhydrin Der (%)	0859	0.8524	0.0069	1.023	0.0280	0.0106	17	-6.09	8%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0353	0.9300	0.0000	1.023	0.0280	0.0106	17	-3.32	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0226	1.002	0.0135	1.023	0.0280	0.0106	17	-0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2443	1.003	0.0000	1.023	0.0280	0.0106	17	-0.70	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0675	1.005	0.0100	1.023	0.0280	0.0106	17	-0.63	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0910	1.005	0.0100	1.023	0.0280	0.0106	17	-0.63	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0652	1.010	0.0000	1.023	0.0280	0.0106	17	-0.46	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0682	1.014	0.0000	1.023	0.0280	0.0106	17	-0.31	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0872	1.033	0.0050	1.023	0.0280	0.0106	17	0.35	0%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0354	1.034	0.0240	1.023	0.0280	0.0106	17	0.40	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0968	1.036	0.0080	1.023	0.0280	0.0106	17	0.47	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	2059	1.037	0.0090	1.023	0.0280	0.0106	17	0.49	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0939	1.040	0.0000	1.023	0.0280	0.0106	17	0.62	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0644	1.044	0.0120	1.023	0.0280	0.0106	17	0.76	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0571	1.047	0.0050	1.023	0.0280	0.0106	17	0.85	1%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0941	1.052	0.0000	1.023	0.0280	0.0106	17	1.05	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	
120.00	Alanine, Post-col Ninhydrin Der (%)	0619	1.130	0.0200	1.023	0.0280	0.0106	17	3.83	5%	0
120.00	Alanine, Post-col Ninhydrin Der (%)	0504	1.100	0.0400	1.023	0.0280	0.0106	17	2.76	4%	1
120.02	Alanine, Post-col OPA Der (%)	0098	1.013	0.0030				1			0
120.05	Alanine, Pre-col AQC Der (%)	0407	0.8907	0.0247	1.032	0.0867	0.0306	9	-1.64	7%	0
120.05	Alanine, Pre-col AQC Der (%)	2246	0.9267	0.0285	1.032	0.0867	0.0306	9	-1.22	5%	0
120.05	Alanine, Pre-col AQC Der (%)	2188	1.001	0.0360	1.032	0.0867	0.0306	9	-0.36	2%	0
120.05	Alanine, Pre-col AQC Der (%)	2319	1.020	0.0000	1.032	0.0867	0.0306	9	-0.14	1%	0
120.05	Alanine, Pre-col AQC Der (%)	2196	1.056	0.0000	1.032	0.0867	0.0306	9	0.27	1%	0
120.05	Alanine, Pre-col AQC Der (%)	0870	1.076	0.0280	1.032	0.0867	0.0306	9	0.50	2%	0
120.05	Alanine, Pre-col AQC Der (%)	0148	1.100	0.0000	1.032	0.0867	0.0306	9	0.78	3%	0
120.05	Alanine, Pre-col AQC Der (%)	0626	1.105	0.0190	1.032	0.0867	0.0306	9	0.83	3%	0
120.05	Alanine, Pre-col AQC Der (%)	2195	1.105	0.0500	1.032	0.0867	0.0306	9	0.84	4%	0
120.05	Alanine, Pre-col AQC Der (%)	0242	0.9000	0.1800	1.032	0.0867	0.0306	9	-1.53	6%	1
120.99	Alanine, Miscellaneous (%)	2146	0.9700	0.0000	1.005	0.0376	0.0100	4			0
120.99	Alanine, Miscellaneous (%)	2144	0.9750	0.0100	1.005	0.0376	0.0100	4			0
120.99	Alanine, Miscellaneous (%)	0227	1.035	0.0100	1.005	0.0376	0.0100	4			0
120.99	Alanine, Miscellaneous (%)	0889	1.040	0.0000	1.005	0.0376	0.0100	4			0
121.00	Arginine, Post-col Ninhydrin Der (%)	0226	1.170	0.0056	1.231	0.0451	0.0121	17	-1.35	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0682	1.183	0.0000	1.231	0.0451	0.0121	17	-1.06	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2443	1.194	0.0000	1.231	0.0451	0.0121	17	-0.82	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0675	1.195	0.0100	1.231	0.0451	0.0121	17	-0.80	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0353	1.200	0.0200	1.231	0.0451	0.0121	17	-0.69	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0910	1.205	0.0100	1.231	0.0451	0.0121	17	-0.58	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0859	1.213	0.0065	1.231	0.0451	0.0121	17	-0.40	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0872	1.217	0.0020	1.231	0.0451	0.0121	17	-0.31	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0968	1.225	0.0300	1.231	0.0451	0.0121	17	-0.13	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0644	1.232	0.0130	1.231	0.0451	0.0121	17	0.01	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0652	1.235	0.0100	1.231	0.0451	0.0121	17	0.09	0%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0354	1.250	0.0190	1.231	0.0451	0.0121	17	0.41	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	2059	1.264	0.0020	1.231	0.0451	0.0121	17	0.73	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0939	1.265	0.0100	1.231	0.0451	0.0121	17	0.75	1%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0571	1.283	0.0120	1.231	0.0451	0.0121	17	1.15	2%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0941	1.316	0.0000	1.231	0.0451	0.0121	17	1.88	3%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0619	1.320	0.0400	1.231	0.0451	0.0121	17	1.97	4%	0
121.00	Arginine, Post-col Ninhydrin Der (%)	0504	67.19	131.6	1.231	0.0451	0.0121	17	>100	2679%	2
121.02	Arginine, Post-col OPA Der (%)	0098	1.156	0.0320				1			0
121.05	Arginine, Pre-col AQC Der (%)	0407	1.042	0.0110	1.212	0.1306	0.0392	9	-1.31	7%	0
121.05	Arginine, Pre-col AQC Der (%)	2188	1.087	0.0830	1.212	0.1306	0.0392	9	-0.96	5%	0
121.05	Arginine, Pre-col AQC Der (%)	0148	1.125	0.1500	1.212	0.1306	0.0392	9	-0.67	4%	0
121.05	Arginine, Pre-col AQC Der (%)	0870	1.197	0.0310	1.212	0.1306	0.0392	9	-0.12	1%	0
121.05	Arginine, Pre-col AQC Der (%)	2246	1.209	0.0410	1.212	0.1306	0.0392	9	-0.02	0%	0
121.05	Arginine, Pre-col AQC Der (%)	2319	1.240	0.0200	1.212	0.1306	0.0392	9	0.21	1%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
121.05	Arginine, Pre-col AQC Der (%)	2196	1.285	0.0000	1.212	0.1306	0.0392	9	0.56	3%	0
121.05	Arginine, Pre-col AQC Der (%)	0626	1.330	0.0240	1.212	0.1306	0.0392	9	0.90	5%	0
121.05	Arginine, Pre-col AQC Der (%)	2195	1.395	0.0100	1.212	0.1306	0.0392	9	1.40	8%	0
121.05	Arginine, Pre-col AQC Der (%)	0242	1.050	0.3800	1.212	0.1306	0.0392	9	-1.24	7%	1
121.99	Arginine, Miscellaneous (%)	0227	1.210	0.0200				3			0
121.99	Arginine, Miscellaneous (%)	2146	1.230	0.0000				3			0
121.99	Arginine, Miscellaneous (%)	0889	1.270	0.0400				3			0
121.99	Arginine, Miscellaneous (%)	2144	1.100	0.2600				3			1
122.00	Aspartic, Post-col Ninhydrin Der (%)	0353	1.335	0.0100	1.424	0.0424	0.0186	17	-2.09	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0226	1.373	0.0354	1.424	0.0424	0.0186	17	-1.21	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2443	1.384	0.0000	1.424	0.0424	0.0186	17	-0.94	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0910	1.395	0.0300	1.424	0.0424	0.0186	17	-0.68	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0682	1.400	0.0000	1.424	0.0424	0.0186	17	-0.56	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0872	1.411	0.0030	1.424	0.0424	0.0186	17	-0.32	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0644	1.412	0.0220	1.424	0.0424	0.0186	17	-0.28	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0859	1.412	0.0091	1.424	0.0424	0.0186	17	-0.28	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0968	1.421	0.0220	1.424	0.0424	0.0186	17	-0.07	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0354	1.422	0.0220	1.424	0.0424	0.0186	17	-0.04	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0675	1.425	0.0100	1.424	0.0424	0.0186	17	0.03	0%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	2059	1.439	0.0120	1.424	0.0424	0.0186	17	0.36	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0652	1.450	0.0200	1.424	0.0424	0.0186	17	0.61	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0571	1.458	0.0090	1.424	0.0424	0.0186	17	0.79	1%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0939	1.470	0.0000	1.424	0.0424	0.0186	17	1.09	2%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0941	1.496	0.0000	1.424	0.0424	0.0186	17	1.70	3%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0504	1.550	0.0400	1.424	0.0424	0.0186	17	2.97	4%	0
122.00	Aspartic, Post-col Ninhydrin Der (%)	0619	1.165	0.0900	1.424	0.0424	0.0186	17	-6.10	9%	1
122.02	Aspartic, Post-col OPA Der (%)	0098	1.405	0.0220				1			0
122.05	Aspartic, Pre-col AQC Der (%)	2246	1.239	0.0888	1.435	0.1294	0.0518	9	-1.52	7%	0
122.05	Aspartic, Pre-col AQC Der (%)	0407	1.275	0.0235	1.435	0.1294	0.0518	9	-1.24	6%	0
122.05	Aspartic, Pre-col AQC Der (%)	2188	1.368	0.0750	1.435	0.1294	0.0518	9	-0.52	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2319	1.460	0.0400	1.435	0.1294	0.0518	9	0.19	1%	0
122.05	Aspartic, Pre-col AQC Der (%)	0870	1.490	0.0260	1.435	0.1294	0.0518	9	0.43	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2195	1.490	0.1200	1.435	0.1294	0.0518	9	0.43	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	0626	1.506	0.0300	1.435	0.1294	0.0518	9	0.55	2%	0
122.05	Aspartic, Pre-col AQC Der (%)	2196	1.514	0.0000	1.435	0.1294	0.0518	9	0.61	3%	0
122.05	Aspartic, Pre-col AQC Der (%)	0148	1.570	0.0200	1.435	0.1294	0.0518	9	1.04	5%	0
122.05	Aspartic, Pre-col AQC Der (%)	0242	1.240	0.3200	1.435	0.1294	0.0518	9	-1.50	7%	1
122.99	Aspartic, Miscellaneous (%)	2144	1.350	0.0000	1.425	0.0981	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	2146	1.355	0.0100	1.425	0.0981	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	0227	1.435	0.0100	1.425	0.0981	0.0167	4			0
122.99	Aspartic, Miscellaneous (%)	0889	1.560	0.0300	1.425	0.0981	0.0167	4			0
124.00	Cysteine/Cystine, PAO Post-col Ninhydrin (%)	0682	0.2780	0.0000	0.4140	0.0333	0.0100	18	-4.09	16%	0

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124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0353	0.3850	0.0100	0.4140	0.0333	0.0100	18	-0.87	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0675	0.3850	0.0100	0.4140	0.0333	0.0100	18	-0.87	4%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0859	0.3858	0.0022	0.4140	0.0333	0.0100	18	-0.85	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2443	0.3930	0.0000	0.4140	0.0333	0.0100	18	-0.63	3%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0910	0.4000	0.0200	0.4140	0.0333	0.0100	18	-0.42	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0644	0.4020	0.0020	0.4140	0.0333	0.0100	18	-0.36	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0226	0.4031	0.0119	0.4140	0.0333	0.0100	18	-0.33	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0652	0.4050	0.0100	0.4140	0.0333	0.0100	18	-0.27	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	2059	0.4100	0.0020	0.4140	0.0333	0.0100	18	-0.12	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0941	0.4115	0.0010	0.4140	0.0333	0.0100	18	-0.07	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0939	0.4150	0.0100	0.4140	0.0333	0.0100	18	0.03	0%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0872	0.4225	0.0030	0.4140	0.0333	0.0100	18	0.26	1%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0571	0.4340	0.0060	0.4140	0.0333	0.0100	18	0.60	2%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0354	0.4530	0.0300	0.4140	0.0333	0.0100	18	1.17	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0968	0.4550	0.0100	0.4140	0.0333	0.0100	18	1.23	5%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0504	0.4800	0.0400	0.4140	0.0333	0.0100	18	1.99	8%	0
124.00	Cysteine/Cystine, PAO Post-col Ninhydri (%)	0619	0.4895	0.0170	0.4140	0.0333	0.0100	18	2.27	9%	0
124.02	Cysteine/Cystine, PAO Post-col OPA Der (%)	0098	0.4215	0.0110				1			0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0407	0.2783	0.0025	0.4042	0.0880	0.0117	9	-1.43	16%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2188	0.3550	0.0100	0.4042	0.0880	0.0117	9	-0.56	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2246	0.3554	0.0005	0.4042	0.0880	0.0117	9	-0.55	6%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0870	0.3645	0.0150	0.4042	0.0880	0.0117	9	-0.45	5%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2319	0.3900	0.0200	0.4042	0.0880	0.0117	9	-0.16	2%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2196	0.4260	0.0000	0.4042	0.0880	0.0117	9	0.25	3%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0148	0.4575	0.0090	0.4042	0.0880	0.0117	9	0.61	7%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	2195	0.4750	0.0100	0.4042	0.0880	0.0117	9	0.80	9%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0626	0.6715	0.0290	0.4042	0.0880	0.0117	9	3.04	33%	0
124.05	Cysteine/Cystine, PAO Pre-col AQC Der (%)	0242	0.3300	0.1400	0.4042	0.0880	0.0117	9	-0.84	9%	1
124.99	Cysteine/Cystine, Miscellaneous (%)	0889	0.3125	0.0050	0.3544	0.0292	0.0075	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2144	0.3600	0.0000	0.3544	0.0292	0.0075	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2146	0.3650	0.0100	0.3544	0.0292	0.0075	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	0227	0.3800	0.0000	0.3544	0.0292	0.0075	4			0
124.99	Cysteine/Cystine, Miscellaneous (%)	2246	0.5176	0.1054	0.3544	0.0292	0.0075	4			1
125.00	Glutamic, Post-col Ninhydrin Der (%)	0652	3.260	0.0800	3.514	0.0926	0.0498	18	-2.74	4%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0910	3.385	0.1100	3.514	0.0926	0.0498	18	-1.40	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0859	3.407	0.0083	3.514	0.0926	0.0498	18	-1.15	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0675	3.425	0.0100	3.514	0.0926	0.0498	18	-0.96	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0354	3.488	0.0850	3.514	0.0926	0.0498	18	-0.29	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2059	3.489	0.0090	3.514	0.0926	0.0498	18	-0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	2443	3.496	0.0000	3.514	0.0926	0.0498	18	-0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0968	3.496	0.1120	3.514	0.0926	0.0498	18	-0.20	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0644	3.507	0.0590	3.514	0.0926	0.0498	18	-0.08	0%	0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs	Z Score	%RSD	
125.00	Glutamic, Post-col Ninhydrin Der (%)	0682	3.509	0.0000	3.514	0.0926	0.0498	18	-0.06	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0872	3.528	0.0060	3.514	0.0926	0.0498	18	0.15	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0939	3.540	0.0000	3.514	0.0926	0.0498	18	0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0571	3.541	0.0290	3.514	0.0926	0.0498	18	0.28	0%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0226	3.586	0.0386	3.514	0.0926	0.0498	18	0.77	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0941	3.588	0.0000	3.514	0.0926	0.0498	18	0.80	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0353	3.600	0.0400	3.514	0.0926	0.0498	18	0.93	1%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0619	3.645	0.0300	3.514	0.0926	0.0498	18	1.41	2%	0
125.00	Glutamic, Post-col Ninhydrin Der (%)	0504	3.760	0.0800	3.514	0.0926	0.0498	18	2.65	3%	0
125.02	Glutamic, Post-col OPA Der (%)	0098	3.342	0.0570				1			0
125.05	Glutamic, Pre-col AQC Der (%)	0407	3.045	0.0825	3.545	0.3186	0.1211	9	-1.57	7%	0
125.05	Glutamic, Pre-col AQC Der (%)	2188	3.268	0.2160	3.545	0.3186	0.1211	9	-0.87	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	2246	3.404	0.1254	3.545	0.3186	0.1211	9	-0.44	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	2319	3.465	0.0500	3.545	0.3186	0.1211	9	-0.25	1%	0
125.05	Glutamic, Pre-col AQC Der (%)	2196	3.555	0.0000	3.545	0.3186	0.1211	9	0.03	0%	0
125.05	Glutamic, Pre-col AQC Der (%)	2195	3.655	0.2300	3.545	0.3186	0.1211	9	0.34	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0626	3.699	0.0620	3.545	0.3186	0.1211	9	0.48	2%	0
125.05	Glutamic, Pre-col AQC Der (%)	0870	3.803	0.1430	3.545	0.3186	0.1211	9	0.81	4%	0
125.05	Glutamic, Pre-col AQC Der (%)	0148	3.990	0.0600	3.545	0.3186	0.1211	9	1.40	6%	0
125.05	Glutamic, Pre-col AQC Der (%)	0242	3.075	0.8300	3.545	0.3186	0.1211	9	-1.48	7%	1
125.99	Glutamic, Miscellaneous (%)	2146	3.000	0.0000	3.308	0.3443	0.0250	4			0
125.99	Glutamic, Miscellaneous (%)	2144	3.025	0.0100	3.308	0.3443	0.0250	4			0
125.99	Glutamic, Miscellaneous (%)	0227	3.550	0.0400	3.308	0.3443	0.0250	4			0
125.99	Glutamic, Miscellaneous (%)	0889	3.658	0.0250	3.308	0.3443	0.0250	4			0
126.00	Glycine, Post-col Ninhydrin Der (%)	0353	0.8950	0.0100	1.015	0.0350	0.0111	17	-3.44	6%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0682	0.9610	0.0000	1.015	0.0350	0.0111	17	-1.55	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0652	0.9850	0.0100	1.015	0.0350	0.0111	17	-0.87	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0226	0.9914	0.0216	1.015	0.0350	0.0111	17	-0.69	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2443	0.9947	0.0000	1.015	0.0350	0.0111	17	-0.59	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0910	1.000	0.0200	1.015	0.0350	0.0111	17	-0.44	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0675	1.005	0.0100	1.015	0.0350	0.0111	17	-0.30	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0968	1.012	0.0030	1.015	0.0350	0.0111	17	-0.11	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0354	1.017	0.0280	1.015	0.0350	0.0111	17	0.04	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	2059	1.023	0.0020	1.015	0.0350	0.0111	17	0.22	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0939	1.025	0.0100	1.015	0.0350	0.0111	17	0.27	0%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0872	1.029	0.0010	1.015	0.0350	0.0111	17	0.37	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0571	1.036	0.0090	1.015	0.0350	0.0111	17	0.57	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0644	1.040	0.0140	1.015	0.0350	0.0111	17	0.70	1%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0859	1.050	0.0000	1.015	0.0350	0.0111	17	0.99	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0941	1.062	0.0000	1.015	0.0350	0.0111	17	1.33	2%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0619	1.075	0.0100	1.015	0.0350	0.0111	17	1.70	3%	0
126.00	Glycine, Post-col Ninhydrin Der (%)	0504	1.090	0.0600	1.015	0.0350	0.0111	17	2.13	4%	1

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			
126.02	Glycine, Post-col OPA Der (%)	0098	1.007	0.0100				1			0
126.05	Glycine, Pre-col AQC Der (%)	0407	0.9429	0.0097	1.028	0.0603	0.0317	9	-1.42	4%	0
126.05	Glycine, Pre-col AQC Der (%)	2196	0.9640	0.0000	1.028	0.0603	0.0317	9	-1.06	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2188	0.9970	0.0360	1.028	0.0603	0.0317	9	-0.52	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0870	1.027	0.0120	1.028	0.0603	0.0317	9	-0.02	0%	0
126.05	Glycine, Pre-col AQC Der (%)	2195	1.030	0.0000	1.028	0.0603	0.0317	9	0.03	0%	0
126.05	Glycine, Pre-col AQC Der (%)	0148	1.039	0.1030	1.028	0.0603	0.0317	9	0.17	1%	0
126.05	Glycine, Pre-col AQC Der (%)	2319	1.070	0.0200	1.028	0.0603	0.0317	9	0.69	2%	0
126.05	Glycine, Pre-col AQC Der (%)	0626	1.081	0.0200	1.028	0.0603	0.0317	9	0.88	3%	0
126.05	Glycine, Pre-col AQC Der (%)	2246	1.103	0.0535	1.028	0.0603	0.0317	9	1.24	4%	0
126.05	Glycine, Pre-col AQC Der (%)	0242	0.8900	0.2000	1.028	0.0603	0.0317	9	-2.29	7%	1
126.99	Glycine, Miscellaneous (%)	0889	0.4800	0.0000	0.8550	0.2530	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	2146	0.9500	0.0000	0.8550	0.2530	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	2144	0.9550	0.0100	0.8550	0.2530	0.0100	4			0
126.99	Glycine, Miscellaneous (%)	0227	1.035	0.0100	0.8550	0.2530	0.0100	4			0
127.00	Histidine, Post-col Ninhydrin Der (%)	0226	0.4691	0.0064	0.5317	0.0226	0.0091	18	-2.76	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0859	0.4994	0.0006	0.5317	0.0226	0.0091	18	-1.43	3%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0682	0.5100	0.0000	0.5317	0.0226	0.0091	18	-0.96	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0353	0.5150	0.0100	0.5317	0.0226	0.0091	18	-0.74	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2443	0.5185	0.0000	0.5317	0.0226	0.0091	18	-0.58	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0354	0.5215	0.0130	0.5317	0.0226	0.0091	18	-0.45	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0675	0.5250	0.0100	0.5317	0.0226	0.0091	18	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0910	0.5250	0.0300	0.5317	0.0226	0.0091	18	-0.30	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0644	0.5295	0.0090	0.5317	0.0226	0.0091	18	-0.10	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0968	0.5350	0.0100	0.5317	0.0226	0.0091	18	0.14	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	2059	0.5355	0.0050	0.5317	0.0226	0.0091	18	0.17	0%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0571	0.5380	0.0120	0.5317	0.0226	0.0091	18	0.28	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0872	0.5405	0.0010	0.5317	0.0226	0.0091	18	0.39	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0939	0.5450	0.0100	0.5317	0.0226	0.0091	18	0.59	1%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0652	0.5500	0.0000	0.5317	0.0226	0.0091	18	0.81	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0941	0.5540	0.0000	0.5317	0.0226	0.0091	18	0.98	2%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0619	0.6000	0.0040	0.5317	0.0226	0.0091	18	3.01	6%	0
127.00	Histidine, Post-col Ninhydrin Der (%)	0504	0.6050	0.0300	0.5317	0.0226	0.0091	18	3.24	7%	0
127.02	Histidine, Post-col OPA Der (%)	0098	0.5210	0.0000				1			0
127.05	Histidine, Pre-col AQC Der (%)	0407	0.4610	0.0060	0.5307	0.0705	0.0403	10	-0.99	7%	0
127.05	Histidine, Pre-col AQC Der (%)	2195	0.4750	0.0100	0.5307	0.0705	0.0403	10	-0.79	5%	0
127.05	Histidine, Pre-col AQC Der (%)	0242	0.4900	0.0800	0.5307	0.0705	0.0403	10	-0.58	4%	0
127.05	Histidine, Pre-col AQC Der (%)	2319	0.5000	0.0000	0.5307	0.0705	0.0403	10	-0.44	3%	0
127.05	Histidine, Pre-col AQC Der (%)	0870	0.5055	0.0190	0.5307	0.0705	0.0403	10	-0.36	2%	0
127.05	Histidine, Pre-col AQC Der (%)	0148	0.5095	0.0430	0.5307	0.0705	0.0403	10	-0.30	2%	0
127.05	Histidine, Pre-col AQC Der (%)	2188	0.5150	0.0560	0.5307	0.0705	0.0403	10	-0.22	1%	0
127.05	Histidine, Pre-col AQC Der (%)	2196	0.6040	0.0000	0.5307	0.0705	0.0403	10	1.04	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	
127.05	Histidine, Pre-col AQC Der (%)	0626	0.6105	0.0050	0.5307	0.0705	0.0403	10	1.13	8%	0
127.05	Histidine, Pre-col AQC Der (%)	2246	0.6664	0.1033	0.5307	0.0705	0.0403	10	1.92	13%	0
127.99	Histidine, Miscellaneous (%)	0889	0.4800	0.0000	0.5000	0.0248	0.0133	4			0
127.99	Histidine, Miscellaneous (%)	2144	0.4850	0.0100	0.5000	0.0248	0.0133	4			0
127.99	Histidine, Miscellaneous (%)	2146	0.5000	0.0200	0.5000	0.0248	0.0133	4			0
127.99	Histidine, Miscellaneous (%)	0227	0.5350	0.0100	0.5000	0.0248	0.0133	4			0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0226	0.6402	0.0204	0.6957	0.0340	0.0110	18	-1.64	4%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0353	0.6650	0.0100	0.6957	0.0340	0.0110	18	-0.91	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0859	0.6676	0.0049	0.6957	0.0340	0.0110	18	-0.83	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0939	0.6700	0.0000	0.6957	0.0340	0.0110	18	-0.76	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0354	0.6725	0.0190	0.6957	0.0340	0.0110	18	-0.68	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0652	0.6750	0.0100	0.6957	0.0340	0.0110	18	-0.61	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0968	0.6795	0.0010	0.6957	0.0340	0.0110	18	-0.48	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2443	0.6841	0.0000	0.6957	0.0340	0.0110	18	-0.34	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0910	0.6850	0.0100	0.6957	0.0340	0.0110	18	-0.32	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0644	0.6855	0.0150	0.6957	0.0340	0.0110	18	-0.30	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0872	0.6940	0.0060	0.6957	0.0340	0.0110	18	-0.05	0%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0675	0.7150	0.0100	0.6957	0.0340	0.0110	18	0.57	1%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0682	0.7190	0.0000	0.6957	0.0340	0.0110	18	0.68	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0571	0.7195	0.0170	0.6957	0.0340	0.0110	18	0.70	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	2059	0.7210	0.0040	0.6957	0.0340	0.0110	18	0.74	2%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0941	0.7325	0.0010	0.6957	0.0340	0.0110	18	1.08	3%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0619	0.7910	0.0160	0.6957	0.0340	0.0110	18	2.81	7%	0
128.00	Isoleucine, Post-col Ninhydrin Der (%)	0504	0.8500	0.0200	0.6957	0.0340	0.0110	18	4.54	11%	0
128.02	Isoleucine, Post-col OPA Der (%)	0098	0.6715	0.0670				1			0
128.05	Isoleucine, Pre-col AQC Der (%)	2319	0.5450	0.0500	0.7045	0.0699	0.0216	9	-2.28	11%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0407	0.6190	0.0180	0.7045	0.0699	0.0216	9	-1.22	6%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2246	0.6797	0.0172	0.7045	0.0699	0.0216	9	-0.36	2%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2188	0.7130	0.0300	0.7045	0.0699	0.0216	9	0.12	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0870	0.7170	0.0220	0.7045	0.0699	0.0216	9	0.18	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0148	0.7205	0.0250	0.7045	0.0699	0.0216	9	0.23	1%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2196	0.7480	0.0000	0.7045	0.0699	0.0216	9	0.62	3%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0626	0.7690	0.0140	0.7045	0.0699	0.0216	9	0.92	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	2195	0.7750	0.0100	0.7045	0.0699	0.0216	9	1.01	5%	0
128.05	Isoleucine, Pre-col AQC Der (%)	0242	0.5350	0.2500	0.7045	0.0699	0.0216	9	-2.42	12%	1
128.99	Isoleucine, Miscellaneous (%)	2144	0.6600	0.0000				3			0
128.99	Isoleucine, Miscellaneous (%)	2146	0.6650	0.0100				3			0
128.99	Isoleucine, Miscellaneous (%)	0227	0.7300	0.0000				3			0
129.00	Leucine, Post-col Ninhydrin Der (%)	0682	1.346	0.0000	1.454	0.0511	0.0245	18	-2.12	4%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0353	1.380	0.0000	1.454	0.0511	0.0245	18	-1.46	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0859	1.414	0.0031	1.454	0.0511	0.0245	18	-0.78	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0226	1.421	0.0549	1.454	0.0511	0.0245	18	-0.66	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	
129.00	Leucine, Post-col Ninhydrin Der (%)	0910	1.425	0.0500	1.454	0.0511	0.0245	18	-0.58	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0652	1.430	0.0000	1.454	0.0511	0.0245	18	-0.48	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0675	1.440	0.0200	1.454	0.0511	0.0245	18	-0.28	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0872	1.448	0.0060	1.454	0.0511	0.0245	18	-0.13	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2059	1.451	0.0080	1.454	0.0511	0.0245	18	-0.07	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0644	1.454	0.0300	1.454	0.0511	0.0245	18	-0.01	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	2443	1.459	0.0000	1.454	0.0511	0.0245	18	0.09	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0968	1.460	0.0400	1.454	0.0511	0.0245	18	0.11	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0354	1.466	0.0260	1.454	0.0511	0.0245	18	0.23	0%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0939	1.475	0.0100	1.454	0.0511	0.0245	18	0.40	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0571	1.496	0.0110	1.454	0.0511	0.0245	18	0.80	1%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0941	1.522	0.0000	1.454	0.0511	0.0245	18	1.32	2%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0619	1.555	0.0100	1.454	0.0511	0.0245	18	1.97	3%	0
129.00	Leucine, Post-col Ninhydrin Der (%)	0504	1.615	0.0500	1.454	0.0511	0.0245	18	3.14	6%	0
129.02	Leucine, Post-col OPA Der (%)	0098	1.397	0.0670				1			0
129.05	Leucine, Pre-col AQC Der (%)	2188	1.188	0.0050	1.429	0.1233	0.0240	9	-1.96	8%	0
129.05	Leucine, Pre-col AQC Der (%)	0407	1.324	0.0025	1.429	0.1233	0.0240	9	-0.85	4%	0
129.05	Leucine, Pre-col AQC Der (%)	2319	1.330	0.0600	1.429	0.1233	0.0240	9	-0.80	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2246	1.400	0.0239	1.429	0.1233	0.0240	9	-0.23	1%	0
129.05	Leucine, Pre-col AQC Der (%)	2196	1.479	0.0000	1.429	0.1233	0.0240	9	0.40	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0148	1.500	0.0400	1.429	0.1233	0.0240	9	0.58	2%	0
129.05	Leucine, Pre-col AQC Der (%)	0870	1.503	0.0190	1.429	0.1233	0.0240	9	0.60	3%	0
129.05	Leucine, Pre-col AQC Der (%)	2195	1.520	0.0200	1.429	0.1233	0.0240	9	0.74	3%	0
129.05	Leucine, Pre-col AQC Der (%)	0626	1.562	0.0290	1.429	0.1233	0.0240	9	1.07	5%	0
129.05	Leucine, Pre-col AQC Der (%)	0242	1.245	0.3900	1.429	0.1233	0.0240	9	-1.49	6%	1
129.99	Leucine, Miscellaneous (%)	2144	1.365	0.0100	1.417	0.0603	0.0117	4			0
129.99	Leucine, Miscellaneous (%)	2146	1.370	0.0000	1.417	0.0603	0.0117	4			0
129.99	Leucine, Miscellaneous (%)	0889	1.443	0.0050	1.417	0.0603	0.0117	4			0
129.99	Leucine, Miscellaneous (%)	0227	1.490	0.0200	1.417	0.0603	0.0117	4			0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0848	0.8450	0.0100	0.9198	0.0504	0.0110	20	-1.48	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0226	0.8495	0.0297	0.9198	0.0504	0.0110	20	-1.39	4%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0652	0.8800	0.0000	0.9198	0.0504	0.0110	20	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0910	0.8800	0.0000	0.9198	0.0504	0.0110	20	-0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0512	0.8809	0.0031	0.9198	0.0504	0.0110	20	-0.77	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0859	0.8821	0.0083	0.9198	0.0504	0.0110	20	-0.75	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0682	0.8920	0.0000	0.9198	0.0504	0.0110	20	-0.55	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0353	0.8950	0.0100	0.9198	0.0504	0.0110	20	-0.49	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0354	0.9110	0.0060	0.9198	0.0504	0.0110	20	-0.17	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0644	0.9155	0.0150	0.9198	0.0504	0.0110	20	-0.08	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0675	0.9250	0.0100	0.9198	0.0504	0.0110	20	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	2059	0.9250	0.0040	0.9198	0.0504	0.0110	20	0.10	0%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0939	0.9350	0.0100	0.9198	0.0504	0.0110	20	0.30	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 (%)	2443	0.9462	0.0000	0.9198	0.0504	0.0110	20	0.52	1%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0968	0.9490	0.0220	0.9198	0.0504	0.0110	20	0.58	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0571	0.9590	0.0100	0.9198	0.0504	0.0110	20	0.78	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0872	0.9595	0.0030	0.9198	0.0504	0.0110	20	0.79	2%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0941	0.9750	0.0000	0.9198	0.0504	0.0110	20	1.10	3%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0619	1.030	0.0000	0.9198	0.0504	0.0110	20	2.19	6%	0
130.00	L-Lysine, Post-col Ninhydrin Der (%)	0504	1.090	0.0200	0.9198	0.0504	0.0110	20	3.38	9%	0
130.02	L-Lysine, Post-col OPA Der (%)	0098	0.9650	0.0080				1			0
130.05	L-Lysine, Pre-col AQC Der (%)	2246	0.8228	0.0480	0.9202	0.0633	0.0394	10	-1.54	5%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2188	0.8410	0.0460	0.9202	0.0633	0.0394	10	-1.25	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2319	0.8950	0.0500	0.9202	0.0633	0.0394	10	-0.40	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0014	0.9090	0.0060	0.9202	0.0633	0.0394	10	-0.18	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0870	0.9175	0.0210	0.9202	0.0633	0.0394	10	-0.04	0%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0407	0.9334	0.0432	0.9202	0.0633	0.0394	10	0.21	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2196	0.9460	0.0000	0.9202	0.0633	0.0394	10	0.41	1%	0
130.05	L-Lysine, Pre-col AQC Der (%)	2195	0.9550	0.0500	0.9202	0.0633	0.0394	10	0.55	2%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0626	0.9785	0.0130	0.9202	0.0633	0.0394	10	0.92	3%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0148	1.001	0.0780	0.9202	0.0633	0.0394	10	1.28	4%	0
130.05	L-Lysine, Pre-col AQC Der (%)	0242	0.7750	0.2300	0.9202	0.0633	0.0394	10	-2.29	8%	1
130.99	L-Lysine, Miscellaneous (%)	2146	0.8650	0.0100	0.9312	0.0839	0.0601	6	-0.79	4%	0
130.99	L-Lysine, Miscellaneous (%)	0889	0.8800	0.0100	0.9312	0.0839	0.0601	6	-0.61	3%	0
130.99	L-Lysine, Miscellaneous (%)	2144	0.8800	0.0000	0.9312	0.0839	0.0601	6	-0.61	3%	0
130.99	L-Lysine, Miscellaneous (%)	0016	0.9135	0.0470	0.9312	0.0839	0.0601	6	-0.21	1%	0
130.99	L-Lysine, Miscellaneous (%)	2246	1.019	0.1736	0.9312	0.0839	0.0601	6	1.04	5%	0
130.99	L-Lysine, Miscellaneous (%)	0227	1.030	0.0600	0.9312	0.0839	0.0601	6	1.18	5%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2443	0.2024	0.0000	0.3523	0.0250	0.0081	18	-6.00	21%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0682	0.2640	0.0000	0.3523	0.0250	0.0081	18	-3.54	13%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0939	0.3350	0.0100	0.3523	0.0250	0.0081	18	-0.69	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0512	0.3351	0.0130	0.3523	0.0250	0.0081	18	-0.69	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0859	0.3380	0.0003	0.3523	0.0250	0.0081	18	-0.57	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0910	0.3400	0.0200	0.3523	0.0250	0.0081	18	-0.49	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0226	0.3417	0.0083	0.3523	0.0250	0.0081	18	-0.43	2%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	2059	0.3420	0.0060	0.3523	0.0250	0.0081	18	-0.41	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0652	0.3500	0.0000	0.3523	0.0250	0.0081	18	-0.09	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0968	0.3550	0.0100	0.3523	0.0250	0.0081	18	0.11	0%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0571	0.3560	0.0020	0.3523	0.0250	0.0081	18	0.15	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0644	0.3580	0.0000	0.3523	0.0250	0.0081	18	0.23	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0872	0.3605	0.0030	0.3523	0.0250	0.0081	18	0.33	1%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0941	0.3705	0.0010	0.3523	0.0250	0.0081	18	0.73	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0504	0.3750	0.0100	0.3523	0.0250	0.0081	18	0.91	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0675	0.3750	0.0100	0.3523	0.0250	0.0081	18	0.91	3%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0354	0.3985	0.0050	0.3523	0.0250	0.0081	18	1.85	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	
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0353	0.4000	0.0200	0.3523	0.0250	0.0081	18	1.91	7%	0
131.00	Methionine, PAO Post-col Ninhydrin Der (%)	0619	0.6965	0.0610	0.3523	0.0250	0.0081	18	13.79	49%	1
131.02	Methionine, PAO Post-col OPA Der (%)	0098	0.3485	0.0090				1			0
131.05	Methionine, PAO Pre-col AQC Der (%)	0407	0.2430	0.0200	0.3160	0.0586	0.0144	9	-1.25	12%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2246	0.2697	0.0150	0.3160	0.0586	0.0144	9	-0.79	7%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2188	0.2800	0.0000	0.3160	0.0586	0.0144	9	-0.61	6%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0148	0.2905	0.0210	0.3160	0.0586	0.0144	9	-0.44	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0626	0.3110	0.0180	0.3160	0.0586	0.0144	9	-0.09	1%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2319	0.3300	0.0000	0.3160	0.0586	0.0144	9	0.24	2%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0870	0.3430	0.0020	0.3160	0.0586	0.0144	9	0.46	4%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2196	0.3730	0.0000	0.3160	0.0586	0.0144	9	0.97	9%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	2195	0.4750	0.0100	0.3160	0.0586	0.0144	9	2.71	25%	0
131.05	Methionine, PAO Pre-col AQC Der (%)	0242	0.3050	0.0700	0.3160	0.0586	0.0144	9	-0.19	2%	1
131.99	Methionine, Miscellaneous (%)	2246	0.2998	0.0341	0.3300	0.0256	0.0271	5			0
131.99	Methionine, Miscellaneous (%)	2144	0.3200	0.0000	0.3300	0.0256	0.0271	5			0
131.99	Methionine, Miscellaneous (%)	0889	0.3300	0.0000	0.3300	0.0256	0.0271	5			0
131.99	Methionine, Miscellaneous (%)	2146	0.3300	0.0200	0.3300	0.0256	0.0271	5			0
131.99	Methionine, Miscellaneous (%)	0227	0.3700	0.0000	0.3300	0.0256	0.0271	5			0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0682	0.7530	0.0000	0.8229	0.0380	0.0128	18	-1.84	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0226	0.7694	0.0386	0.8229	0.0380	0.0128	18	-1.41	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0675	0.7850	0.0100	0.8229	0.0380	0.0128	18	-1.00	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0652	0.7950	0.0100	0.8229	0.0380	0.0128	18	-0.73	2%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0910	0.8050	0.0300	0.8229	0.0380	0.0128	18	-0.47	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0968	0.8080	0.0040	0.8229	0.0380	0.0128	18	-0.39	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2443	0.8106	0.0000	0.8229	0.0380	0.0128	18	-0.32	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	2059	0.8110	0.0000	0.8229	0.0380	0.0128	18	-0.31	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0872	0.8145	0.0030	0.8229	0.0380	0.0128	18	-0.22	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0644	0.8205	0.0130	0.8229	0.0380	0.0128	18	-0.06	0%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0859	0.8382	0.0152	0.8229	0.0380	0.0128	18	0.40	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0354	0.8390	0.0100	0.8229	0.0380	0.0128	18	0.42	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0571	0.8395	0.0070	0.8229	0.0380	0.0128	18	0.44	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0941	0.8410	0.0000	0.8229	0.0380	0.0128	18	0.48	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0353	0.8450	0.0100	0.8229	0.0380	0.0128	18	0.58	1%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0939	0.8650	0.0100	0.8229	0.0380	0.0128	18	1.11	3%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0619	0.8915	0.0030	0.8229	0.0380	0.0128	18	1.80	4%	0
132.00	Phenylalanine, Post-col Ninhydrin Der (%)	0504	0.9050	0.0300	0.8229	0.0380	0.0128	18	2.16	5%	0
132.02	Phenylalanine, Post-col OPA Der (%)	0098	0.7810	0.0340				1			0
132.05	Phenylalanine, Pre-col AQC Der (%)	0148	0.7430	0.0980	0.8040	0.0403	0.0262	9	-1.51	4%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2188	0.7740	0.0360	0.8040	0.0403	0.0262	9	-0.74	2%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0407	0.7930	0.0060	0.8040	0.0403	0.0262	9	-0.27	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2195	0.7950	0.0100	0.8040	0.0403	0.0262	9	-0.22	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0870	0.8015	0.0030	0.8040	0.0403	0.0262	9	-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	
132.05	Phenylalanine, Pre-col AQC Der (%)	2246	0.8044	0.0553	0.8040	0.0403	0.0262	9	0.01	0%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2319	0.8150	0.0100	0.8040	0.0403	0.0262	9	0.27	1%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	2196	0.8450	0.0000	0.8040	0.0403	0.0262	9	1.02	3%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0626	0.8780	0.0220	0.8040	0.0403	0.0262	9	1.84	5%	0
132.05	Phenylalanine, Pre-col AQC Der (%)	0242	0.7050	0.2100	0.8040	0.0403	0.0262	9	-2.45	6%	1
132.99	Phenylalanine, Miscellaneous (%)	2146	0.7950	0.0100	0.8381	0.0544	0.0083	4			0
132.99	Phenylalanine, Miscellaneous (%)	2144	0.8000	0.0000	0.8381	0.0544	0.0083	4			0
132.99	Phenylalanine, Miscellaneous (%)	0227	0.8450	0.0100	0.8381	0.0544	0.0083	4			0
132.99	Phenylalanine, Miscellaneous (%)	0889	0.9125	0.0050	0.8381	0.0544	0.0083	4			0
133.00	Proline, Post-col Ninhydrin Der (%)	0682	1.207	0.0000	1.277	0.0544	0.0231	17	-1.29	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2443	1.211	0.0000	1.277	0.0544	0.0231	17	-1.21	3%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0859	1.230	0.0000	1.277	0.0544	0.0231	17	-0.87	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0226	1.237	0.0351	1.277	0.0544	0.0231	17	-0.75	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0353	1.240	0.0000	1.277	0.0544	0.0231	17	-0.69	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0675	1.240	0.0200	1.277	0.0544	0.0231	17	-0.69	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0968	1.245	0.0100	1.277	0.0544	0.0231	17	-0.60	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0354	1.264	0.0520	1.277	0.0544	0.0231	17	-0.25	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0644	1.282	0.0010	1.277	0.0544	0.0231	17	0.07	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0941	1.290	0.0000	1.277	0.0544	0.0231	17	0.23	0%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0939	1.300	0.0000	1.277	0.0544	0.0231	17	0.41	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0652	1.305	0.0300	1.277	0.0544	0.0231	17	0.51	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0571	1.308	0.0140	1.277	0.0544	0.0231	17	0.56	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	2059	1.309	0.0080	1.277	0.0544	0.0231	17	0.58	1%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0872	1.331	0.0040	1.277	0.0544	0.0231	17	0.98	2%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0910	1.410	0.0000	1.277	0.0544	0.0231	17	2.44	5%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0504	1.430	0.0600	1.277	0.0544	0.0231	17	2.80	6%	0
133.00	Proline, Post-col Ninhydrin Der (%)	0619	1.475	0.0900	1.277	0.0544	0.0231	17	3.63	8%	1
133.05	Proline, Pre-col AQC Der (%)	0242	1.125	0.2900	1.282	0.1354	0.0426	9	-1.16	6%	0
133.05	Proline, Pre-col AQC Der (%)	0407	1.140	0.0060	1.282	0.1354	0.0426	9	-1.05	6%	0
133.05	Proline, Pre-col AQC Der (%)	2188	1.195	0.0560	1.282	0.1354	0.0426	9	-0.64	3%	0
133.05	Proline, Pre-col AQC Der (%)	2246	1.243	0.0108	1.282	0.1354	0.0426	9	-0.29	2%	0
133.05	Proline, Pre-col AQC Der (%)	0870	1.286	0.0150	1.282	0.1354	0.0426	9	0.02	0%	0
133.05	Proline, Pre-col AQC Der (%)	0148	1.320	0.0400	1.282	0.1354	0.0426	9	0.28	1%	0
133.05	Proline, Pre-col AQC Der (%)	2319	1.355	0.0300	1.282	0.1354	0.0426	9	0.54	3%	0
133.05	Proline, Pre-col AQC Der (%)	0626	1.392	0.0190	1.282	0.1354	0.0426	9	0.81	4%	0
133.05	Proline, Pre-col AQC Der (%)	2195	1.660	0.1000	1.282	0.1354	0.0426	9	2.79	15%	0
133.05	Proline, Pre-col AQC Der (%)	2196	66.16	129.7	1.282	0.1354	0.0426	9	>100	2530%	2
133.99	Proline, Miscellaneous (%)	2146	1.065	0.0300				3			0
133.99	Proline, Miscellaneous (%)	2144	1.080	0.0000				3			0
133.99	Proline, Miscellaneous (%)	0889	1.103	0.0150				3			0
133.99	Proline, Miscellaneous (%)	0227	1.310	0.0200				3			2
134.00	Serine, Post-col Ninhydrin Der (%)	0504	0.7850	0.0100	0.8763	0.0390	0.0145	18	-2.34	5%	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	
134.00	Serine, Post-col Ninhydrin Der (%)	0682	0.8050	0.0000	0.8763	0.0390	0.0145	18	-1.83	4%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0353	0.8200	0.0000	0.8763	0.0390	0.0145	18	-1.44	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0675	0.8550	0.0100	0.8763	0.0390	0.0145	18	-0.55	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2059	0.8595	0.0030	0.8763	0.0390	0.0145	18	-0.43	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0859	0.8647	0.0050	0.8763	0.0390	0.0145	18	-0.30	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0226	0.8692	0.0201	0.8763	0.0390	0.0145	18	-0.18	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	2443	0.8717	0.0000	0.8763	0.0390	0.0145	18	-0.12	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0652	0.8750	0.0300	0.8763	0.0390	0.0145	18	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0910	0.8750	0.0300	0.8763	0.0390	0.0145	18	-0.03	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0968	0.8850	0.0100	0.8763	0.0390	0.0145	18	0.22	0%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0571	0.8875	0.0230	0.8763	0.0390	0.0145	18	0.29	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0354	0.9025	0.0130	0.8763	0.0390	0.0145	18	0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0644	0.9025	0.0150	0.8763	0.0390	0.0145	18	0.67	1%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0872	0.9035	0.0030	0.8763	0.0390	0.0145	18	0.70	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0941	0.9040	0.0000	0.8763	0.0390	0.0145	18	0.71	2%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0939	0.9300	0.0000	0.8763	0.0390	0.0145	18	1.38	3%	0
134.00	Serine, Post-col Ninhydrin Der (%)	0619	0.9330	0.0160	0.8763	0.0390	0.0145	18	1.45	3%	0
134.02	Serine, Post-col OPA Der (%)	0098	0.7390	0.0040				1			0
134.05	Serine, Pre-col AQC Der (%)	0242	0.8100	0.1400	0.9124	0.0606	0.0338	10	-1.69	6%	0
134.05	Serine, Pre-col AQC Der (%)	0407	0.8229	0.0098	0.9124	0.0606	0.0338	10	-1.48	5%	0
134.05	Serine, Pre-col AQC Der (%)	0148	0.8930	0.0320	0.9124	0.0606	0.0338	10	-0.32	1%	0
134.05	Serine, Pre-col AQC Der (%)	2196	0.9100	0.0000	0.9124	0.0606	0.0338	10	-0.04	0%	0
134.05	Serine, Pre-col AQC Der (%)	2195	0.9150	0.0300	0.9124	0.0606	0.0338	10	0.04	0%	0
134.05	Serine, Pre-col AQC Der (%)	2246	0.9259	0.0578	0.9124	0.0606	0.0338	10	0.22	1%	0
134.05	Serine, Pre-col AQC Der (%)	2319	0.9550	0.0100	0.9124	0.0606	0.0338	10	0.70	2%	0
134.05	Serine, Pre-col AQC Der (%)	0626	0.9555	0.0170	0.9124	0.0606	0.0338	10	0.71	2%	0
134.05	Serine, Pre-col AQC Der (%)	2188	0.9555	0.0550	0.9124	0.0606	0.0338	10	0.71	2%	0
134.05	Serine, Pre-col AQC Der (%)	0870	0.9700	0.0200	0.9124	0.0606	0.0338	10	0.95	3%	0
134.99	Serine, Miscellaneous (%)	2144	0.8150	0.0100	0.8731	0.0699	0.0083	4			0
134.99	Serine, Miscellaneous (%)	2146	0.8200	0.0000	0.8731	0.0699	0.0083	4			0
134.99	Serine, Miscellaneous (%)	0227	0.8950	0.0100	0.8731	0.0699	0.0083	4			0
134.99	Serine, Miscellaneous (%)	0889	0.9625	0.0050	0.8731	0.0699	0.0083	4			0
135.00	Threonine, Post-col Ninhydrin Der (%)	0682	0.6890	0.0000	0.7446	0.0323	0.0108	18	-1.72	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0226	0.6908	0.0261	0.7446	0.0323	0.0108	18	-1.67	4%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0353	0.7050	0.0100	0.7446	0.0323	0.0108	18	-1.23	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0675	0.7250	0.0100	0.7446	0.0323	0.0108	18	-0.61	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0910	0.7350	0.0300	0.7446	0.0323	0.0108	18	-0.30	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0354	0.7355	0.0110	0.7446	0.0323	0.0108	18	-0.28	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0859	0.7370	0.0014	0.7446	0.0323	0.0108	18	-0.24	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2443	0.7426	0.0000	0.7446	0.0323	0.0108	18	-0.06	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	2059	0.7435	0.0090	0.7446	0.0323	0.0108	18	-0.04	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0644	0.7450	0.0160	0.7446	0.0323	0.0108	18	0.01	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	
135.00	Threonine, Post-col Ninhydrin Der (%)	0872	0.7450	0.0080	0.7446	0.0323	0.0108	18	0.01	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0939	0.7500	0.0000	0.7446	0.0323	0.0108	18	0.17	0%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0571	0.7540	0.0040	0.7446	0.0323	0.0108	18	0.29	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0968	0.7555	0.0090	0.7446	0.0323	0.0108	18	0.34	1%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0941	0.7700	0.0000	0.7446	0.0323	0.0108	18	0.78	2%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0504	0.7850	0.0100	0.7446	0.0323	0.0108	18	1.25	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0652	0.7900	0.0000	0.7446	0.0323	0.0108	18	1.40	3%	0
135.00	Threonine, Post-col Ninhydrin Der (%)	0619	0.7960	0.0120	0.7446	0.0323	0.0108	18	1.59	3%	0
135.02	Threonine, Post-col OPA Der (%)	0098	0.7035	0.0030				1			0
135.05	Threonine, Pre-col AQC Der (%)	2188	0.6650	0.0000	0.7411	0.0494	0.0183	9	-1.54	5%	0
135.05	Threonine, Pre-col AQC Der (%)	0407	0.6900	0.0200	0.7411	0.0494	0.0183	9	-1.03	3%	0
135.05	Threonine, Pre-col AQC Der (%)	0148	0.7065	0.0150	0.7411	0.0494	0.0183	9	-0.70	2%	0
135.05	Threonine, Pre-col AQC Der (%)	2246	0.7528	0.0435	0.7411	0.0494	0.0183	9	0.24	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2319	0.7550	0.0100	0.7411	0.0494	0.0183	9	0.28	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2195	0.7600	0.0000	0.7411	0.0494	0.0183	9	0.38	1%	0
135.05	Threonine, Pre-col AQC Der (%)	2196	0.7670	0.0000	0.7411	0.0494	0.0183	9	0.52	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0870	0.7695	0.0210	0.7411	0.0494	0.0183	9	0.58	2%	0
135.05	Threonine, Pre-col AQC Der (%)	0626	0.8020	0.0120	0.7411	0.0494	0.0183	9	1.23	4%	0
135.05	Threonine, Pre-col AQC Der (%)	0242	0.6350	0.1700	0.7411	0.0494	0.0183	9	-2.15	7%	1
135.99	Threonine, Miscellaneous (%)	0889	0.7175	0.0050	0.7281	0.0180	0.0075	4			0
135.99	Threonine, Miscellaneous (%)	2144	0.7200	0.0000	0.7281	0.0180	0.0075	4			0
135.99	Threonine, Miscellaneous (%)	2146	0.7200	0.0000	0.7281	0.0180	0.0075	4			0
135.99	Threonine, Miscellaneous (%)	0227	0.7550	0.0100	0.7281	0.0180	0.0075	4			0
135.99	Threonine, Miscellaneous (%)	2246	0.8134	0.0876	0.7281	0.0180	0.0075	4			1
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	2443	0.2164	0.0000	0.2558	0.0505	0.0150	6	-0.78	8%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0682	0.2180	0.0000	0.2558	0.0505	0.0150	6	-0.75	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0910	0.2200	0.0200	0.2558	0.0505	0.0150	6	-0.71	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0619	0.2670	0.0100	0.2558	0.0505	0.0150	6	0.22	2%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0941	0.2935	0.0000	0.2558	0.0505	0.0150	6	0.75	7%	0
136.00	Tryptophan, Alka-Hydrol Post-col Ninhyd (%)	0227	0.3200	0.0000	0.2558	0.0505	0.0150	6	1.27	13%	0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0571	0.2845	0.0010				2			0
136.01	Tryptophan, Alka-Hydrol Rev Phase LC UV (%)	0644	0.2950	0.0020				2			0
136.02	Tryptophan, Alka-Hydrol Post-col OPA De (%)	0098	0.2635	0.0110				1			0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0939	0.2550	0.0100	0.2719	0.0093	0.0048	9	-1.81	3%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0872	0.2660	0.0040	0.2719	0.0093	0.0048	9	-0.63	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0859	0.2679	0.0085	0.2719	0.0093	0.0048	9	-0.43	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0148	0.2692	0.0005	0.2719	0.0093	0.0048	9	-0.29	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2059	0.2695	0.0010	0.2719	0.0093	0.0048	9	-0.25	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2114	0.2734	0.0039	0.2719	0.0093	0.0048	9	0.16	0%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0226	0.2783	0.0057	0.2719	0.0093	0.0048	9	0.68	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	2196	0.2790	0.0000	0.2719	0.0093	0.0048	9	0.76	1%	0
136.03	Tryptophan, Alka-Hydrol + IS RP LC FI (%)	0353	0.3300	0.0000	0.2719	0.0093	0.0048	9	6.23	11%	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			
136.05	Tryptophan, Pre-col AQC Der (%)	2246	0.2244	0.0211	0.2489	0.0252	0.0115	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	2319	0.2300	0.0000	0.2489	0.0252	0.0115	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0407	0.2688	0.0045	0.2489	0.0252	0.0115	4			0
136.05	Tryptophan, Pre-col AQC Der (%)	0870	0.2725	0.0090	0.2489	0.0252	0.0115	4			0
136.99	Tryptophan, Miscellaneous (%)	0504	0.1950	0.0100	0.3124	0.1663	0.0065	4			0
136.99	Tryptophan, Miscellaneous (%)	2246	0.2272	0.0044	0.3124	0.1663	0.0065	4			0
136.99	Tryptophan, Miscellaneous (%)	0610	0.2700	0.0000	0.3124	0.1663	0.0065	4			0
136.99	Tryptophan, Miscellaneous (%)	0889	0.5575	0.0050	0.3124	0.1663	0.0065	4			0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0682	0.4900	0.0000	0.5682	0.0535	0.0140	14	-1.46	7%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0910	0.5050	0.0100	0.5682	0.0535	0.0140	14	-1.18	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0354	0.5165	0.0190	0.5682	0.0535	0.0140	14	-0.97	5%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2443	0.5320	0.0000	0.5682	0.0535	0.0140	14	-0.68	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0675	0.5450	0.0100	0.5682	0.0535	0.0140	14	-0.43	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0968	0.5450	0.0300	0.5682	0.0535	0.0140	14	-0.43	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0504	0.5700	0.0000	0.5682	0.0535	0.0140	14	0.03	0%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0644	0.5850	0.0140	0.5682	0.0535	0.0140	14	0.31	1%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0941	0.5860	0.0000	0.5682	0.0535	0.0140	14	0.33	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0226	0.5914	0.0019	0.5682	0.0535	0.0140	14	0.43	2%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0353	0.6050	0.0100	0.5682	0.0535	0.0140	14	0.69	3%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0872	0.6085	0.0050	0.5682	0.0535	0.0140	14	0.75	4%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	2059	0.6350	0.0260	0.5682	0.0535	0.0140	14	1.25	6%	0
137.00	Tyrosine, Post-col Ninhydrin Der (%)	0939	0.6400	0.0000	0.5682	0.0535	0.0140	14	1.34	6%	0
137.02	Tyrosine, Post-col OPA Der (%)	0098	0.4775	0.0450				1			0
137.05	Tyrosine, Pre-col AQC Der (%)	0242	0.4450	0.1500	0.5620	0.0907	0.0344	10	-1.29	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2246	0.4500	0.0043	0.5620	0.0907	0.0344	10	-1.24	10%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0870	0.5145	0.0010	0.5620	0.0907	0.0344	10	-0.52	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0407	0.5168	0.0015	0.5620	0.0907	0.0344	10	-0.50	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0626	0.5645	0.0130	0.5620	0.0907	0.0344	10	0.03	0%	0
137.05	Tyrosine, Pre-col AQC Der (%)	0148	0.5845	0.0830	0.5620	0.0907	0.0344	10	0.25	2%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2319	0.6050	0.0300	0.5620	0.0907	0.0344	10	0.47	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2196	0.6110	0.0000	0.5620	0.0907	0.0344	10	0.54	4%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2188	0.6385	0.0430	0.5620	0.0907	0.0344	10	0.84	7%	0
137.05	Tyrosine, Pre-col AQC Der (%)	2195	0.6900	0.0000	0.5620	0.0907	0.0344	10	1.41	11%	0
137.99	Tyrosine, Miscellaneous (%)	0227	0.5250	0.0300	0.5681	0.0338	0.0138	4			0
137.99	Tyrosine, Miscellaneous (%)	0889	0.5575	0.0050	0.5681	0.0338	0.0138	4			0
137.99	Tyrosine, Miscellaneous (%)	2144	0.5950	0.0100	0.5681	0.0338	0.0138	4			0
137.99	Tyrosine, Miscellaneous (%)	2146	0.5950	0.0100	0.5681	0.0338	0.0138	4			0
138.00	Valine, Post-col Ninhydrin Der (%)	0652	0.8750	0.0100	0.9494	0.0494	0.0155	18	-1.51	4%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0353	0.8850	0.0100	0.9494	0.0494	0.0155	18	-1.31	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0682	0.8990	0.0000	0.9494	0.0494	0.0155	18	-1.02	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0226	0.9058	0.0384	0.9494	0.0494	0.0155	18	-0.88	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0859	0.9116	0.0049	0.9494	0.0494	0.0155	18	-0.77	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	
138.00	Valine, Post-col Ninhydrin Der (%)	0910	0.9300	0.0600	0.9494	0.0494	0.0155	18	-0.39	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2443	0.9435	0.0000	0.9494	0.0494	0.0155	18	-0.12	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0939	0.9450	0.0100	0.9494	0.0494	0.0155	18	-0.09	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0644	0.9475	0.0170	0.9494	0.0494	0.0155	18	-0.04	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0968	0.9495	0.0210	0.9494	0.0494	0.0155	18	0.00	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0675	0.9550	0.0100	0.9494	0.0494	0.0155	18	0.11	0%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0354	0.9630	0.0040	0.9494	0.0494	0.0155	18	0.28	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0872	0.9670	0.0040	0.9494	0.0494	0.0155	18	0.36	1%	0
138.00	Valine, Post-col Ninhydrin Der (%)	2059	0.9785	0.0010	0.9494	0.0494	0.0155	18	0.59	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0941	0.9890	0.0000	0.9494	0.0494	0.0155	18	0.80	2%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0571	0.9980	0.0220	0.9494	0.0494	0.0155	18	0.98	3%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0504	1.100	0.0200	0.9494	0.0494	0.0155	18	3.05	8%	0
138.00	Valine, Post-col Ninhydrin Der (%)	0619	1.175	0.0300	0.9494	0.0494	0.0155	18	4.57	12%	0
138.02	Valine, Post-col OPA Der (%)	0098	0.9715	0.0150				1			0
138.05	Valine, Pre-col AQC Der (%)	2188	0.7190	0.0400	0.9172	0.1170	0.0222	9	-1.69	11%	0
138.05	Valine, Pre-col AQC Der (%)	2319	0.7550	0.0900	0.9172	0.1170	0.0222	9	-1.39	9%	0
138.05	Valine, Pre-col AQC Der (%)	0407	0.8875	0.0210	0.9172	0.1170	0.0222	9	-0.25	2%	0
138.05	Valine, Pre-col AQC Der (%)	2246	0.9327	0.0173	0.9172	0.1170	0.0222	9	0.13	1%	0
138.05	Valine, Pre-col AQC Der (%)	0870	0.9710	0.0100	0.9172	0.1170	0.0222	9	0.46	3%	0
138.05	Valine, Pre-col AQC Der (%)	2195	0.9750	0.0100	0.9172	0.1170	0.0222	9	0.49	3%	0
138.05	Valine, Pre-col AQC Der (%)	2196	0.9760	0.0000	0.9172	0.1170	0.0222	9	0.50	3%	0
138.05	Valine, Pre-col AQC Der (%)	0148	0.9890	0.0220	0.9172	0.1170	0.0222	9	0.61	4%	0
138.05	Valine, Pre-col AQC Der (%)	0626	1.027	0.0120	0.9172	0.1170	0.0222	9	0.94	6%	0
138.05	Valine, Pre-col AQC Der (%)	0242	0.7350	0.3300	0.9172	0.1170	0.0222	9	-1.56	10%	1
138.99	Valine, Miscellaneous (%)	0889	0.8650	0.0100	0.9238	0.0643	0.0100	4			0
138.99	Valine, Miscellaneous (%)	2144	0.9000	0.0000	0.9238	0.0643	0.0100	4			0
138.99	Valine, Miscellaneous (%)	2146	0.9150	0.0100	0.9238	0.0643	0.0100	4			0
138.99	Valine, Miscellaneous (%)	0227	1.015	0.0100	0.9238	0.0643	0.0100	4			0
139.00	Taurine, Post-col Ninhydrin Der (%)	2443	0.0311	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0682	0.0390	0.0000				3			0
139.00	Taurine, Post-col Ninhydrin Der (%)	0504	0.1400	0.0200				3			0
139.02	Taurine, Post-col OPA Der (%)	0098	< 0.01					0			5
139.05	Taurine, Pre-col AQC Der (%)	0407	0.0655	0.0010				1			0
139.05	Taurine, Pre-col AQC Der (%)	2319	< 0.0005					1			5
139.99	Taurine, Miscellaneous (%)	0889	0.0700	0.0000				1			0
139.99	Taurine, Miscellaneous (%)	0910	< 0.005					1			5
139.99	Taurine, Miscellaneous (%)	0227	< 0.01					1			5
160.10	Fructose, HPAEC PAD (%)	0297	0.1300	0.0000				1			0
160.99	Fructose, Miscellaneous (%)	0227	0.2050	0.0100				1			0
161.10	Galactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
162.10	Glucose, HPAEC PAD (%)	0297	0.1650	0.0100				1			0
162.99	Glucose, Miscellaneous (%)	0227	0.6450	0.0100				2			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
162.99	Glucose, Miscellaneous (%)	0689	3.600	0.4000				2			0
163.10	Lactose, HPAEC PAD (%)	0297	0.0000	0.0000				0			4
163.99	Lactose, Miscellaneous (%)	0227	< 0.15					0			5
164.10	Maltose, HPAEC PAD (%)	0297	0.1400	0.0200				1			0
164.99	Maltose, Miscellaneous (%)	0227	0.2300	0.0400				1			0
165.10	Sucrose, HPAEC PAD (%)	0297	2.600	0.1000				1			0
165.99	Sucrose, Miscellaneous (%)	0227	2.235	0.1100				1			0
166.10	Raffinose, HPAEC PAD (%)	0297	0.7250	0.0100				1			0
166.99	Raffinose, Miscellaneous (%)	0227	0.4600	0.0000				1			0
167.10	Stachyose, HPAEC PAD (%)	0297	0.6850	0.0500				1			0
167.99	Stachyose, Miscellaneous (%)	0227	0.3950	0.0100				1			0
345.00	Amprolium, Colorimetric (ppm)	0019	114.5	21.00	227.6	77.68	9.750	4			0
345.00	Amprolium, Colorimetric (ppm)	0016	248.0	6.000	227.6	77.68	9.750	4			0
345.00	Amprolium, Colorimetric (ppm)	0171	256.5	5.000	227.6	77.68	9.750	4			0
345.00	Amprolium, Colorimetric (ppm)	0036	291.3	7.000	227.6	77.68	9.750	4			0
345.02	Amprolium, LC (UV or FL) (ppm)	0001	241.5	5.000				3			0
345.02	Amprolium, LC (UV or FL) (ppm)	0038	242.0	2.000				3			0
345.02	Amprolium, LC (UV or FL) (ppm)	0964	242.8	5.368				3			0
345.02	Amprolium, LC (UV or FL) (ppm)	0033	252.0	12.00				3			2
345.04	Amprolium, LC-MS/MS (ppm)	0148	230.4	14.27				1			0
351.03	Chlortetracycline, LC (UV or FL) (ppm)	0910	< 3					0			5
354.01	Decoquinatate, LC (UV or FL) (ppm)	0910	< 0.1					0			5
361.02	Lasalocid Sodium, LC (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
386.99	Tiamulin, Miscellaneous (ppm)	0910	< 1					0			5
388.03	Tylosin, LC (ppm)	0910	2.050	0.7000				1			0
392.99	Fenbendazole, Miscellaneous (ppm)	0910	< 1					0			5
400.01	Water Activity, Aqualab chilled mirror (Units)	2386	0.4910	0.0220	0.5580	0.0336	0.0060	12	-2.00	6%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0123	0.5150	0.0100	0.5580	0.0336	0.0060	12	-1.28	4%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2303	0.5350	0.0140	0.5580	0.0336	0.0060	12	-0.69	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0853	0.5515	0.0000	0.5580	0.0336	0.0060	12	-0.19	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0407	0.5518	0.0003	0.5580	0.0336	0.0060	12	-0.19	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0589	0.5535	0.0110	0.5580	0.0336	0.0060	12	-0.14	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0942	0.5605	0.0010	0.5580	0.0336	0.0060	12	0.07	0%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2268	0.5655	0.0050	0.5580	0.0336	0.0060	12	0.22	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2181	0.5745	0.0002	0.5580	0.0336	0.0060	12	0.49	1%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2114	0.5781	0.0010	0.5580	0.0336	0.0060	12	0.60	2%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	0885	0.5950	0.0020	0.5580	0.0336	0.0060	12	1.10	3%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2109	0.6132	0.0055	0.5580	0.0336	0.0060	12	1.64	5%	0
400.01	Water Activity, Aqualab chilled mirror (Units)	2168	0.5270	0.0640	0.5580	0.0336	0.0060	12	-0.92	3%	1
400.99	Water Activity, Miscellaneous (Units)	0910	0.5505	0.0030				1			0

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
413.01	Starch, Resistant, Enzymatic-Colorimetric (%)	0910	0.5500	0.5000				1		0	
516.00	Arsenic, Total (As), AA, Hydride (ppm)	0045	0.2350	0.0080				1		0	
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0964	< 1.42					0		5	
516.43	Arsenic, Total (As), ICP, Microwave (ppm)	0682	< 20					0		5	
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0910	0.2200	0.0200				2		0	
516.52	Arsenic, Total (As), ICP-MS, Open vessel (ppm)	0186	0.2338	0.0076				2		0	
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0407	0.2244	0.0174				2		0	
516.53	Arsenic, Total (As), ICP-MS, Microwave (ppm)	0227	0.2575	0.0010				2		0	
518.41	Cadmium, ICP, Dry ash (ppm)	0407	0.1437	0.0094				1		0	
518.43	Cadmium, ICP, Microwave (ppm)	0407	0.1347	0.0119				3		0	
518.43	Cadmium, ICP, Microwave (ppm)	0968	0.1645	0.0030				3		0	
518.43	Cadmium, ICP, Microwave (ppm)	0682	0.2100	0.0000				3		0	
518.43	Cadmium, ICP, Microwave (ppm)	0964	< 0.17					3		5	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0910	0.1450	0.0100				2		0	
518.52	Cadmium, ICP-MS, Open vessel (ppm)	0186	0.1520	0.0038				2		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0939	0.1300	0.0000				3		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0407	0.1556	0.0027				3		0	
518.53	Cadmium, ICP-MS, Microwave (ppm)	0227	0.1580	0.0040				3		0	
518.99	Cadmium, Miscellaneous (ppm)	2114	0.1506	0.0100				1		0	
520.41	Chromium, Total (Cr), ICP, Dry ash (ppm)	0407	3.562	0.0010				1		0	
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0693	4.045	0.1600				3		0	
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0685	5.310	0.4000				3		0	
520.42	Chromium, Total (Cr), ICP, Open vessel (ppm)	0045	5.850	0.4600				3		0	
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0968	3.476	0.1230	5.147	1.741	0.4341	7	-0.96	16%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0297	3.500	1.000	5.147	1.741	0.4341	7	-0.95	16%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0407	4.381	0.0218	5.147	1.741	0.4341	7	-0.44	7%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0510	4.890	0.1200	5.147	1.741	0.4341	7	-0.15	2%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0964	5.770	0.6400	5.147	1.741	0.4341	7	0.36	6%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0682	6.420	0.0000	5.147	1.741	0.4341	7	0.73	12%	0
520.43	Chromium, Total (Cr), ICP, Microwave (ppm)	0226	7.590	0.7000	5.147	1.741	0.4341	7	1.40	24%	0
520.51	Chromium, Total (Cr), ICP-MS, Dry ash (ppm)	0910	1.595	0.1300				1		0	
520.52	Chromium, Total (Cr), ICP-MS, Open vessel (ppm)	0186	1.676	0.0122				1		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0407	4.631	0.6427				3		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0939	5.105	0.1900				3		0	
520.53	Chromium, Total (Cr), ICP-MS, Microwave (ppm)	0164	5.135	0.0500				3		0	
526.41	Lead, ICP, Dry ash (ppm)	0407	0.1073	0.0131				1		0	
526.43	Lead, ICP, Microwave (ppm)	0407	0.1955	0.0919				1		0	
526.43	Lead, ICP, Microwave (ppm)	0964	< 0.91					1		5	
526.43	Lead, ICP, Microwave (ppm)	0682	< 10					1		5	
526.52	Lead, ICP-MS, Open vessel (ppm)	0186	0.1056	0.0054				1		0	
526.52	Lead, ICP-MS, Open vessel (ppm)	0910	< 0.1					1		5	
526.53	Lead, ICP-MS, Microwave (ppm)	0407	0.0979	0.0007				3		0	

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
526.53	Lead, ICP-MS, Microwave (ppm)	0227	0.1075	0.0030				3		0	
526.53	Lead, ICP-MS, Microwave (ppm)	0939	0.1250	0.0100				3		0	
529.99	Mercury, Miscellaneous (ppb)	0407	2.864	0.4222				1		0	
529.99	Mercury, Miscellaneous (ppb)	0227	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0910	< 10					1		5	
529.99	Mercury, Miscellaneous (ppb)	0682	< 10000					1		5	
539.41	Nickel, ICP, Dry ash (ppm)	0407	2.511	0.0290				1		0	
539.43	Nickel, ICP, Microwave (ppm)	0407	2.738	0.0202	3.519	0.6391	0.0501	5		0	
539.43	Nickel, ICP, Microwave (ppm)	0297	3.000	0.0000	3.519	0.6391	0.0501	5		0	
539.43	Nickel, ICP, Microwave (ppm)	0964	3.650	0.0600	3.519	0.6391	0.0501	5		0	
539.43	Nickel, ICP, Microwave (ppm)	0226	3.935	0.0700	3.519	0.6391	0.0501	5		0	
539.43	Nickel, ICP, Microwave (ppm)	0682	4.270	0.0000	3.519	0.6391	0.0501	5		0	
539.51	Nickel, ICP-MS, Dry ash (ppm)	0910	1.525	0.1900				1		0	
539.52	Nickel, ICP-MS, Open vessel (ppm)	0186	1.712	0.2961				1		0	
539.53	Nickel, ICP-MS, Microwave (ppm)	0407	3.003	0.0418				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	
706.99	Caprylic acid (8:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
708.99	Capric acid (10:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	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	
710.99	Lauric Acid (12:0), Miscellaneous (% (w/w))	0910	< 0.05					0		5	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0226	0.0057	0.0000				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0910	0.1150	0.0100				2		0	
714.99	Myristic Acid (14:0) , Miscellaneous (% (w/w))	0164	< 0.02					2		5	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0164	0.5855	0.0090				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0226	0.5877	0.0039				3		0	
716.99	Palmitic Acid (16:0), Miscellaneous (% (w/w))	0910	14.23	0.0400				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0676	0.0120	0.0000				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0226	0.0137	0.0002				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0910	0.3350	0.0100				3		0	
718.99	Palmitoleic Acid (9c-16:1), Miscellaneous (% (w/w))	0164	< 0.02					3		5	
720.99	Margaric acid (17:0), Miscellaneous (% (w/w))	0164	< 0.02					0		5	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0226	0.0710	0.0019				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0164	0.0795	0.0010				3		0	
722.99	Stearic Acid (18:0), Miscellaneous (% (w/w))	0910	1.810	0.0200				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0164	0.7655	0.0130				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0226	0.9127	0.0120				3		0	
724.99	Oleic Acid (9c-18:1), Miscellaneous (% (w/w))	0910	22.46	0.2400				3		0	

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			Value	Range	Rob. Mean	Robust SD	Rob. R-bar	# Labs			
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0164	1.574	0.0140				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0676	1.937	0.0480				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0226	2.053	0.0045				3		0	
726.99	Linoleic Acid (9c,12c-18:2), Miscellaneous (%)	0910	50.29	0.1600				3		2	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0164	0.0880	0.0020				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0676	0.1615	0.0050				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0226	0.1701	0.0002				3		0	
728.99	alpha-Linolenic Acid (9c,12c,15c-18:3), Miscellaneous (%)	0910	3.975	0.0700				3		2	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0226	0.0130	0.0005				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0910	0.3350	0.0100				2		0	
730.99	Arachidic Acid (20:0), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0226	0.0203	0.0004				1		0	
732.99	Gondoic Acid (11c-20:1), Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
736.99	Arachidonic Acid (5c,8c,11c,14c-20:4), Miscellaneous (%)	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0226	< 0.005					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0164	< 0.02					0		5	
740.99	Eicosapentaenoic Acid EPA (5c,8c,11c,14c,17c-20:5), Miscellaneous (%)	0910	< 0.05					0		5	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0226	0.0100	0.0002				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0910	0.3400	0.0400				2		0	
742.99	Behenic Acid (22:0), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0910	0.0950	0.0500				1		0	
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0226	< 0.005					1		5	
744.99	Erucic Acid (13c-22:1), Miscellaneous (%) (w/w)	0164	< 0.02					1		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0676	0.0000	0.0000				0		4	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0226	< 0.005					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0164	< 0.02					0		5	
746.99	Docosapentaenoic Acid n-3 DPA (7c,10c,13c,16c-22:5), Miscellaneous (%)	0910	< 0.05					0		5	
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0226	0.0124	0.0001				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0910	0.3100	0.0200				2		0	
748.99	Lignoceric Acid (24:0), Miscellaneous (%) (w/w)	0164	< 0.02					2		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0676	0.0345	0.0690				0		4	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0226	< 0.005					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0164	< 0.02					0		5	
750.99	Docosahexaenoic Acid DHA (4c,7c,10c,13c,16c-22:6), Miscellaneous (%)	0910	< 0.05					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0226	< 0.005					0		5	
752.99	Nervonic Acid (24:1) isomers, Miscellaneous (%) (w/w)	0164	< 0.02					0		5	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%)	0164	0.0895	0.0010				2		0	
754.99	Total n-3 Polyunsaturated (Omega-3) Fatty Acids (%)	0676	0.1950	0.0700				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%)	0164	1.580	0.0140				2		0	
756.99	Total n-6 Polyunsaturated (Omega-6) Fatty Acids (%)	0676	1.940	0.0400				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			
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0164	0.7225	0.0110				2		0	
758.99	Total Saturated Fatty Acids, Miscellaneous (%)	0910	17.41	0.0000				2		0	
762.99	Total Monounsaturated Fatty Acids, Miscellane	0910	23.64	0.1900				1		0	
764.99	Total cis Monounsaturated Fatty Acids, Miscell	0164	0.8345	0.0150				1		0	
766.99	Total Polyunsaturated Fatty Acids, Miscellaneo	0910	54.27	0.2300				1		0	
768.99	Total cis Polyunsaturated Fatty Acids, Miscellar	0164	1.672	0.0140				1		0	
770.99	Total Fat (equivalent to NLEA), Miscellaneous (	0164	3.388	0.0430				1		0
772.99	Total Fatty Acids, Miscellaneous (%) (w/w))	0164	3.239	0.0410				3		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w))	0226	3.869	0.0135				3		0	
772.99	Total Fatty Acids, Miscellaneous (%) (w/w))	0918	4.295	0.0100				3		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.